SEQUENCE LISTING

<110> THE BROAD INSTITUTE INC.
DANA-FARBER CANCER INSTITUTE, INC.
THE GENERAL HOSPITAL CORPORATION

<120> SHARED NEOANTIGENS

<130> P000565SG1

<140> 11201709390Y
<141> 2016-05-20

<150> US 62/389,377
<151> 2016-02-23

<150> US 62/179,877
<151> 2015-05-20

<160> 33733

<170> PatentIn version 3.5

<210> 1
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 1
Glu Asn His Thr Ala Glu Leu Val Ile Pro Gly Asn Ile Leu Asn Val
1 5 10 15

Ser Ile Lys Ile Cys Leu Thr Leu Ser Pro Ser Thr
20 25

<210> 2
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 2
Val Ile Pro Gly Asn Ile Leu Asn Val
1 5

<210> 3
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3
Ala Glu Leu Val Ile Pro Gly Asn Ile
1 5

<210> 4
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4
Asn Ile Leu Asn Val Ser Ile Lys Ile
1 5

<210> 5
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5
Val Ser Ile Lys Ile Cys Leu Thr Leu
1 5

<210> 6
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6
Val Ser Ile Lys Ile Cys Leu Thr Leu
1 5

<210> 7
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7

Ala Glu Leu Val Ile Pro Gly Asn Ile
1 5

<210> 8
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8
Ala Glu Leu Val Ile Pro Gly Asn Ile
1 5

<210> 9
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9
Ala Glu Leu Val Ile Pro Gly Asn Ile
1 5

<210> 10
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10
Val Ile Pro Gly Asn Ile Leu Asn Val
1 5

<210> 11
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11
Val Ser Ile Lys Ile Cys Leu Thr Leu
1 5

<210> 12
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12
His Thr Ala Glu Leu Val Ile Pro Gly
1 5

<210> 13
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13
Ala Glu Leu Val Ile Pro Gly Asn Ile
1 5

<210> 14
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14
Ala Glu Leu Val Ile Pro Gly Asn Ile
1 5

<210> 15
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15
Ala Glu Leu Val Ile Pro Gly Asn Ile
1 5

<210> 16
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16
Val Ser Ile Lys Ile Cys Leu Thr Leu
1 5

<210> 17
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17
Val Ile Pro Gly Asn Ile Leu Asn Val
1 5

<210> 18
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18
Val Ile Pro Gly Asn Ile Leu Asn Val
1 5

<210> 19
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19
His Thr Ala Glu Leu Val Ile Pro Gly
1 5

<210> 20
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20
Asn Ile Leu Asn Val Ser Ile Lys Ile
1 5

<210> 21
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21
Lys Ile Cys Leu Thr Leu Ser Pro
1 5

<210> 22
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22
Val Ser Ile Lys Ile Cys Leu Thr Leu
1 5

<210> 23
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23
Val Ile Pro Gly Asn Ile Leu Asn Val
1 5

<210> 24
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24
Arg Val Phe Gly Val Ser Glu Trp Leu

1 5

<210> 25
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25
Gly Met Thr Leu Gly Ala Val Val Val
1 5

<210> 26
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26
Met Thr Leu Gly Glu Lys Phe Arg Val
1 5

<210> 27
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27
Arg Val Gly Asn Cys Lys His Leu Lys
1 5

<210> 28
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28
Arg Val Gly Asn Cys Lys His Leu Lys
1 5

<210> 29

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29
Val Val Val Ser Glu Arg Ile Leu Arg
1 5

<210> 30
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30
Arg Val Gly Asn Cys Lys His Leu Lys
1 5

<210> 31
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31
Lys Phe Arg Val Gly Asn Cys Lys His
1 5

<210> 32
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32
Lys Phe Arg Val Gly Asn Cys Lys His Leu
1 5 10

<210> 33
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33
Arg Val Gly Asn Cys Lys His
1 5

<210> 34
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 34
Thr Leu Gly Ala Val Val Val
1 5

<210> 35
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 35
Val Val Val Ser Glu Arg Ile Leu
1 5

<210> 36
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 36
Gly Met Thr Leu Gly Glu Lys
1 5

<210> 37
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 37
Ala Val Val Val Ser Glu Arg
1 5

<210> 38
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 38
Ala Gly Met Thr Leu Gly Glu
1 5

<210> 39
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 39
Gly Asn Cys Lys His Leu Lys
1 5

<210> 40
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 40
Leu Gly Ala Val Val Val Ser
1 5

<210> 41
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 41
Arg Val Phe Gly Val Ser Glu
1 5

<210> 42
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 42
Ile Leu Arg Val Phe Gly Val Ser
1 5

<210> 43
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 43
Asn Cys Lys His Leu Lys Met
1 5

<210> 44
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 44
Thr Leu Gly Ala Val Val Val
1 5

<210> 45
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 45
Val Val Val Ser Glu Arg Ile Leu
1 5

<210> 46
<211> 7

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 46
Thr Leu Gly Ala Val Val Val
1 5

<210> 47
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 47
Glu Ala Gly Met Thr Leu Gly
1 5

<210> 48
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 48
Leu Gly Ala Val Val Val Ser
1 5

<210> 49
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 49
Ala Val Val Val Ser Glu Arg
1 5

<210> 50
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 50
Ser Leu Leu Asn Tyr Leu Arg Glu Met
1 5

<210> 51
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 51
Glu Tyr Met Ala Asn Gly Ser Leu Leu
1 5

<210> 52
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 52
Thr Glu Tyr Met Ala Asn Gly Ser Leu
1 5

<210> 53
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 53
Met Ala Asn Gly Ser Leu Leu Asn Tyr
1 5

<210> 54
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 54
Met Ala Asn Gly Ser Leu Leu Asn Tyr
1 5

<210> 55
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 55
Thr Glu Tyr Met Ala Asn Gly Ser Leu
1 5

<210> 56
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 56
Leu Leu Asn Tyr Leu Arg Glu Met Arg
1 5

<210> 57
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 57
Glu Tyr Met Ala Asn Gly Ser Leu Leu
1 5

<210> 58
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 58
Met Ala Asn Gly Ser Leu Leu Asn Tyr
1 5

<210> 59
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 59
Thr Glu Tyr Met Ala Asn Gly Ser Leu
1 5

<210> 60
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 60
Thr Glu Tyr Met Ala Asn Gly Ser Leu
1 5

<210> 61
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 61
Met Ala Asn Gly Ser Leu Leu Asn Tyr
1 5

<210> 62
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 62
Leu Leu Asn Tyr Leu Arg Glu Met Arg
1 5

<210> 63
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 63
Met Ala Asn Gly Ser Leu Leu Asn Tyr
1 5

<210> 64
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 64
Glu Tyr Met Ala Asn Gly Ser Leu Leu
1 5

<210> 65
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 65
Thr Glu Tyr Met Ala Asn Gly Ser Leu
1 5

<210> 66
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 66
Met Ala Asn Gly Ser Leu Leu Asn Tyr
1 5

<210> 67
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 67
Met Ala Asn Gly Ser Leu Leu Asn Tyr
1 5

<210> 68
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 68
Thr Glu Tyr Met Ala Asn Gly Ser Leu
1 5

<210> 69
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 69
Leu Leu Asn Tyr Leu Arg Glu Met Arg
1 5

<210> 70
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 70
Glu Tyr Met Ala Asn Gly Ser Leu Leu
1 5

<210> 71
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 71

Met Ala Asn Gly Ser Leu Leu Asn Tyr
1 5

<210> 72
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 72
Thr Glu Tyr Met Ala Asn Gly Ser Leu
1 5

<210> 73
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 73
Val Gln Leu Ile Met Gln Leu Met Pro Phe
1 5 10

<210> 74
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 74
Ser Thr Val Gln Leu Ile Met Gln Leu Met
1 5 10

<210> 75
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 75
Gln Leu Ile Met Gln Leu Met Pro Phe
1 5

<210> 76
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 76
Gln Leu Ile Met Gln Leu Met Pro Phe
1 5

<210> 77
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 77
Val Gln Leu Ile Met Gln Leu Met Pro Phe
1 5 10

<210> 78
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 78
Met Gln Leu Met Pro Phe Gly Cys Leu Leu
1 5 10

<210> 79
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 79
Met Gln Leu Met Pro Phe Gly Cys Leu
1 5

<210> 80
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 80
Gln Leu Ile Met Gln Leu Met Pro Phe
1 5

<210> 81
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R732Q"

<400> 81
Phe Tyr Glu Ser Asp Val Met Gly Arg Gly His Ala Arg Leu Val His
1 5 10 15

Val Glu Glu Pro His Thr Glu Thr Val Gln Gln Lys Tyr Phe Pro Glu
20 25 30

Thr Trp Ile Trp Asp Leu Val Val Val Asn Ser Ala Gly Val Ala Glu
35 40 45

Val Gly Val Thr
50

<210> 82
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S654fs"

<400> 82
Tyr Asp Gln Cys Pro Val Ser Gly Pro Trp Asp Phe Pro Gln Pro Leu
1 5 10 15

Ile Asp Pro Met Pro Gln Gly His Ser Glu Pro Ala Phe His Tyr Leu

```
            20                  25                  30

Glu Ala Leu Val Leu
        35
```

<210> 83
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A266T"

<400> 83

```
Val Pro Leu Leu Ser Arg Lys Phe Met Val Thr Ser Leu Cys Asn Tyr
1               5                   10                  15

Leu Ala Ile Asp Leu Ser Trp Arg Asp Thr Thr Ile Leu Asn Gly Thr
            20                  25                  30

Cys Val Pro Pro Asp Val Trp Arg Lys Tyr Glu Lys Trp Leu Ser Pro
        35                  40                  45

Asp Asn Ile Pro
    50
```

<210> 84
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T878fs"

<400> 84

```
Lys Thr Ile Asp Leu Val Ala Tyr Gly Asp Ile Asn Gly Phe Ser Ala
1               5                   10                  15

Met Ala Lys Thr Val Gly Leu Pro Thr Arg His Gly Ser Gln Asn Val
            20                  25                  30

Ala
```

<210> 85
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R385I"

<400> 85
Thr Gly Glu Lys Pro Tyr Thr Cys Gly Glu Cys Gly Lys Thr Phe Arg
1 5 10 15

Gln Ser Ala Asn Leu Tyr Val His Arg Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Tyr Lys Cys Glu Asp Cys Gly Lys Ala Phe Gly Arg Tyr Thr
35 40 45

Ala Leu Asn Gln
50

<210> 86
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E95D"

<400> 86
Thr Phe Pro Pro Pro Gly Asp Thr Trp Glu Leu Ala Tyr Ile Pro Ser
1 5 10 15

His Ser Asp Ala Ala Lys Thr Val Thr Asp Asp Thr Val Arg Arg Ala
20 25 30

Leu Val Ile Asn Met Arg Val Arg Gly Phe Pro Ser Glu Lys Asp Phe
35 40 45

Glu Asp Tyr Ile

50

<210> 87
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1476Q"

<400> 87
Pro Gln Ile Thr Leu Leu Asp Glu Pro Ser Thr Gly Met Asp Pro Lys
1 5 10 15

Ala Lys Gln His Met Trp Arg Ala Ile Gln Gln Thr Ala Phe Lys Asn
20 25 30

Arg Lys Arg Ala Ala Ile Leu Thr Thr His Tyr Met Glu Glu Ala Glu
35 40 45

Ala Val Cys Asp
50

<210> 88
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L306fs"

<400> 88
Phe Val Thr Ile Ile Ile Thr Phe Thr Gln Ile Ile Val Met Thr Gly
1 5 10 15

Phe Met Val Ile Phe Ile Leu Phe Phe Tyr Met Ala Tyr Leu Trp
20 25 30

<210> 89
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A696T"

<400> 89
Ser Thr Gln Phe Met Asp Glu Ala Asp Ile Leu Ala Asp Arg Lys Val
1 5 10 15

Phe Leu Ser Gln Gly Lys Leu Lys Cys Thr Thr Gly Ser Ser Leu Phe
20 25 30

Leu Lys Lys Lys Trp Gly Ile Gly Tyr His Leu Ser Leu Gln Leu Asn
35 40 45

Glu Ile Cys Val
50

<210> 90
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R842Q"

<400> 90
Arg Leu Val Glu Met Glu Gln Val Leu Ser Ser Leu Asn Lys Met Arg
1 5 10 15

Lys Thr Ile Gly Gly Val Ala Leu Trp Gln Gln Gln Gln Ile Cys Ala
20 25 30

Ile Ala Arg Val Arg Leu Leu Lys Leu Lys His Glu Arg Lys Ala Leu
35 40 45

Leu Ala Leu Leu
50

<210> 91
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E1158K"

<400> 91
Asn Ser Gly Ile Trp Ser Phe Cys Phe Tyr Val Val Thr Val Phe Ser
1 5 10 15

Val Ala Gly Phe Ala Phe Ser Ile Phe Lys Lys Ser Asp Ile Pro Phe
20 25 30

Ile Phe Thr Phe Leu Ile Pro Pro Ala Thr Met Ile Gly Cys Leu Phe
35 40 45

Leu Ser Ser His
50

<210> 92
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R467L"

<400> 92
Arg Leu Tyr Asp Pro Thr Glu Gly Met Val Ser Val Asp Gly Gln Asp
1 5 10 15

Ile Arg Thr Ile Asn Val Arg Phe Leu Leu Leu Glu Ile Ile Gly Val
20 25 30

Val Ser Gln Glu Pro Val Leu Phe Ala Thr Thr Ile Ala Glu Asn Ile
35 40 45

Arg Tyr Gly Arg
50

<210> 93
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R527fs"

<400> 93
Val Lys Glu Ala Asn Ala Tyr Asp Phe Ile Met Lys Leu Pro His Lys
1 5 10 15

Phe Asp Thr Leu Val Gly Glu Arg Gly Pro Val Glu Trp Trp Ala Glu
20 25 30

Ala Glu Asp Arg His Cys Thr Cys Pro Gly Ser Gln Pro Gln Asp Pro
35 40 45

Pro Ala Gly
50

<210> 94
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G318fs"

<400> 94
Leu Thr Glu Lys Ala Pro Trp Asn Ser Leu Ala Trp Thr Val Thr Ser
1 5 10 15

Tyr Val Phe Leu Lys Phe Leu Gln Gly Val Ala Leu Ala Val Gln Ala
20 25 30

Ser

<210> 95
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R345H"

<400> 95
Ser Arg Gln Cys Gln Glu Gln Ile Ala Arg Ala Met Gly Val Ala Asp
1   5   10   15

Glu Ala Leu Gly Asn Val Arg Thr Val His His Ala Phe Ala Met Glu
            20   25   30

Gln Arg Glu Glu Glu Arg Tyr Gly Ala Glu Leu Glu Ala Cys Arg Cys
        35   40   45

Arg Ala Glu Glu
    50

<210> 96
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R570W"

<400> 96
Arg Met Leu Ile Leu Pro Leu Asn Asn Phe Pro Trp Val Ile Asn Gly
1   5   10   15

Leu Leu Glu Ala Lys Val Ser Leu Asp Trp Trp Ile Gln Leu Phe Leu
            20   25   30

Asp Leu Pro Asn His Asn Pro Gln Ala Tyr Tyr Ser Pro Asp Pro Pro
        35   40   45

Ala Glu Pro Ser
    50

<210> 97
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L883fs"

<400> 97
Val Ala Val Ile Pro Trp Ile Ala Ile Pro Leu Val Pro Leu Gly Ile
1   5   10   15

Ile Phe Ile Phe Leu Arg Arg Tyr Phe Trp Lys Arg Gln Glu Met
            20   25   30

<210> 98
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L1090fs"

<400> 98
His Ala Tyr Asn Lys Gly Gln Glu Phe Leu His Arg Tyr Gln Glu Leu
1   5   10   15

Leu Asp Asp Asn Gln Ala Pro Phe Phe Cys Leu Arg Val Arg Cys Gly
            20   25   30

Gly Trp Leu Cys Gly Trp Thr Ser Ser Ala Ser Pro Ser Ser Pro Pro
        35   40   45

Arg Gly
    50

<210> 99
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Y512C"

<400> 99
Ser Thr Leu Glu Tyr Ser Asn Glu Arg Leu Lys Gln Thr Asn Glu Met

1 5 10 15

Leu Arg Gly Ile Lys Leu Leu Lys Leu Cys Cys Ala Trp Glu Asn Ile
20 25 30

Phe Arg Thr Arg Val Glu Thr Thr Arg Arg Lys Glu Met Thr Ser Leu
35 40 45

Arg Ala Phe Ala
50

<210> 100
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L466P"

<400> 100
Ile Ile Met Gly Val Ile Leu Leu Tyr Asn Leu Leu Gly Ser Ser Ala
1 5 10 15

Leu Val Gly Ala Ala Val Ile Val Leu Pro Pro Ala Pro Ile Gln Tyr
20 25 30

Phe Ile Ala Thr Lys Leu Ala Glu Ala Gln Lys Ser Thr Leu Asp Tyr
35 40 45

Ser Thr Glu Arg
50

<210> 101
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S606P"

<400> 101
Asp Val Val His Leu His His Ile Leu Gln Arg Glu Gly Gly Trp Glu

1 5 10 15

Ala Met Cys Asp Trp Lys Asp Val Leu Pro Pro Gly Gly Glu Lys Gln
20 25 30

Arg Ile Gly Met Ala Arg Met Phe Tyr His Arg Pro Lys Tyr Ala Leu
35 40 45

Leu Asp Glu Cys
50

<210> 102
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H169Q"

<400> 102
Ala Thr Phe Val Asn Ser Ala Ile Arg Tyr Leu Glu Gly Gln Leu Ala
1 5 10 15

Leu Ser Phe Arg Ser Arg Leu Val Ala Gln Gln Ala Tyr Arg Leu Tyr
20 25 30

Phe Ser Gln Gln Thr Tyr Tyr Arg Val Ser Asn Met Asp Gly Arg Leu
35 40 45

Arg Asn Pro Asp
50

<210> 103
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K445N"

<400> 103
Asp Tyr Glu Asp Glu Glu Ala Ala Val Val Gln Tyr Asn Asp Pro Tyr

1 5 10 15

Ala Asp Gly Asp Pro Ala Trp Ala Pro Asn Asn Asn Tyr Ile Glu Lys
20 25 30

Val Val Ala Ile Tyr Asp Tyr Thr Lys Asp Lys Asp Asp Glu Leu Ser
35 40 45

Phe Met Glu Gly
50

<210> 104
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P19T"

<400> 104
Met Gly Gln Gln Val Gly Arg Val Gly Glu Ala Pro Gly Leu Gln Gln
1 5 10 15

Pro Gln Thr Thr Arg Gly Ile Arg Gly Ser Ser Ala Ala Arg Pro Ser
20 25 30

Gly Arg Arg Arg Asp Pro Ala Gly Arg Thr Thr Glu Thr
35 40 45

<210> 105
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.L249fs"

<400> 105
Thr Ile Glu Pro Pro Pro Ala Asp Pro Arg Leu Arg Glu Asp Met Ala
1 5 10 15

Leu Leu Ala Asp Cys Ala Leu Pro Pro Arg Ala Pro Arg

20 25

<210> 106
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1731C"

<400> 106
Ala Arg Ala Glu Gly Ile Pro Arg Ile Tyr Val Ser Ala Asn Ser Gly
1 5 10 15

Ala Arg Ile Gly Leu Ala Glu Glu Ile Cys Cys His Met Phe His Val
20 25 30

Ala Trp Val Asp Pro Glu Asp Pro Tyr Lys Gly Tyr Arg Tyr Leu Tyr
35 40 45

Leu Thr Pro Gln
50

<210> 107
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E2318Q"

<400> 107
Val Ala Val Gln Phe Ala Asp Phe His Asp Thr Pro Gly Arg Met Leu
1 5 10 15

Glu Lys Gly Val Ile Ser Asp Ile Leu Gln Gln Trp Lys Thr Ala Arg
20 25 30

Thr Phe Leu Tyr Trp Arg Leu Arg Arg Leu Leu Leu Glu Asp Gln Val
35 40 45

Lys Gln Glu Ile

50

<210> 108
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G255fs"

<400> 108
Glu His Lys Lys Leu Asp Leu His Arg Asp Phe Thr Val Ala Ser Pro
1 5 10 15

Ala Glu Phe Val Thr Arg Phe Gly Gly Ile Gly Ser Ser Arg Arg Cys
20 25 30

Leu Leu Pro Thr Thr Gly Leu Pro Pro
35 40

<210> 109
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F48C"

<400> 109
Gln His Thr Lys Ala Asn Arg Gln Arg Glu Pro Gly Leu Gly Phe Ser
1 5 10 15

Phe Glu Phe Thr Glu Gln Gln Lys Glu Cys Cys Gln Ala Thr Ala Arg
20 25 30

Lys Phe Ala Arg Glu Glu Ile Ile Pro Val Ala Ala Glu Tyr Asp Lys
35 40 45

Thr Gly Glu Tyr
50

<210> 110

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R330H"

<400> 110
Thr Lys Leu Gln Val Ile Gln Phe Lys Leu Ala Asp Met Ala Leu Ala
1 5 10 15

Leu Glu Ser Ala Arg Leu Leu Thr Trp His His Ala Ala Met Leu Lys
20 25 30

Asp Asn Lys Lys Pro Phe Ile Lys Glu Ala Ala Met Ala Lys Leu Ala
35 40 45

Ala Ser Glu Ala
50

<210> 111
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R224L"

<400> 111
Arg Glu Glu Glu Glu Arg Glu Arg Leu Gln Lys Glu Glu Glu Lys Arg
1 5 10 15

Arg Arg Glu Glu Glu Glu Arg Leu Arg Leu Leu Glu Glu Glu Glu Arg
20 25 30

Arg Arg Ile Glu Glu Glu Arg Leu Arg Leu Glu Gln Gln Lys Gln Gln
35 40 45

Ile Met Ala Ala
50

<210> 112

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R50Q"

<400> 112
Gly Pro Gln Asn Pro Lys Lys Gln Gly Ile Phe His Ile His Glu Ala
1 5 10 15

Cys Ser Ser Ile His Val Asn His Val Gln Gln Asp Lys Leu Arg Glu
20 25 30

Ile Val Gly Ala Ser Thr Asn Trp Arg Asp His Val Lys Ala Met Glu
35 40 45

Glu Arg Lys Leu
50

<210> 113
<211> 85
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q123fs"

<400> 113
Asp Leu Asn Arg Lys Ser Asn Gln Val Lys Thr Cys Lys Ala Lys Ile
1 5 10 15

Glu Leu Leu Gly Ser Tyr Asp Pro Gln Asn Asn Leu Leu Leu Lys Ile
20 25 30

Pro Ile Met Gly Met Thr Leu Thr Leu Arg Arg Cys Thr Ser Ser Val
35 40 45

Ser Gly Ala Ala Glu Arg Ser Trp Arg Arg Pro Thr Glu Ala Gly Ser
50 55 60

Cys Pro Ala Ala Ala Ser Leu Thr Arg Pro His Pro Glu Val Leu His

65 70 75 80

Phe Ser Val Gly Val
85

<210> 114
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V29G"

<400> 114
Gly Val Phe Ser Met Arg Leu Trp Thr Pro Val Gly Val Leu Thr Ser
1 5 10 15

Leu Ala Tyr Cys Leu His Gln Arg Arg Gly Gly Ala Leu Ala Glu Leu
20 25 30

Gln Glu Ala Asp Gly Gln Cys Pro Val Asp Arg Ser Leu Leu Lys Leu
35 40 45

Lys Met Val Gln
50

<210> 115
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R43W"

<400> 115
Phe Leu Phe Leu Leu Phe Phe Trp Leu Asp Arg Ser Val Leu Ala Lys
1 5 10 15

Glu Leu Lys Phe Val Thr Leu Val Phe Trp Trp His Gly Asp Arg Ser
20 25 30

Pro Ile Asp Thr Phe Pro Thr Asp Pro Ile Lys Glu Ser Ser Trp Pro

35 40 45

Gln Gly Phe Gly
50

<210> 116
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R105Q"

<400> 116
Glu Leu Gly Glu Tyr Ile Arg Lys Arg Tyr Arg Lys Phe Leu Asn Glu
1 5 10 15

Ser Tyr Lys His Glu Gln Val Tyr Ile Gln Gln Ser Thr Asp Val Asp
20 25 30

Arg Thr Leu Met Ser Ala Met Thr Asn Leu Ala Ala Leu Phe Pro Pro
35 40 45

Glu Gly Val Ser
50

<210> 117
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E321K"

<400> 117
Leu Gln Met Ala Leu Asp Val Tyr Asn Gly Leu Leu Pro Pro Tyr Ala
1 5 10 15

Ser Cys His Leu Thr Glu Leu Tyr Phe Lys Lys Lys Gly Glu Tyr Phe
20 25 30

Val Glu Met Tyr Tyr Arg Asn Glu Thr Gln His Glu Pro Tyr Pro Leu

35 40 45

Met Leu Pro Gly
50

<210> 118
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W279C"

<400> 118
Tyr Val Val Val Gly Ile Thr Ser Trp Gly Val Gly Cys Ala Arg Ala
1 5 10 15

Lys Arg Pro Gly Ile Tyr Thr Ala Thr Cys Cys Pro Tyr Leu Asn Trp
20 25 30

Ile Ala Ser Lys Ile Gly Ser Asn Ala Leu Arg Met Ile Gln Ser Ala
35 40 45

Thr Pro Pro Pro
50

<210> 119
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I250M"

<400> 119
Ala Val Leu Ile Tyr Thr Ser Gly Thr Thr Gly Ile Pro Lys Gly Val
1 5 10 15

Met Leu Ser His Asp Asn Ile Thr Trp Met Met Ala Gly Ala Val Thr
20 25 30

Lys Asp Phe Lys Leu Thr Asp Lys His Glu Thr Val Val Ser Tyr Leu

```
        35                  40                  45

Pro Leu Ser His
    50
```

<210> 120
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T188S"

<400> 120

```
Ala Ile Phe Cys Glu Thr Arg Ala Glu Trp Met Ile Ala Ala Gln Ala
1               5                   10                  15

Cys Phe Met Tyr Asn Phe Gln Leu Val Ser Ser Leu Tyr Ala Thr Leu
            20                  25                  30

Gly Gly Pro Ala Ile Val His Ala Leu Asn Glu Thr Glu Val Thr Asn
        35                  40                  45

Ile Ile Thr Ser
    50
```

<210> 121
<211> 72
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L402fs"

<400> 121

```
Pro Gly Tyr Met Gly Thr Ala Ala Ser Cys Tyr Asp Val Gln Ile Ile
1               5                   10                  15

Asp Asp Lys Gly Asn Val Leu Pro Pro Arg His Arg Arg Arg His Trp
            20                  25                  30

His Gln Gly Gln Thr His Gln Ala Tyr Arg His Leu Leu Trp Leu Cys
```

35 40 45

Gly Gln Ser Arg Gln Asp Ser Ser Gln His Ser Arg Arg Leu Leu Ala
50 55 60

Pro Trp Arg Pro Gly Asn Gln Arg
65 70

<210> 122
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K195N"

<400> 122
Val Ala Ser Glu Cys Pro Ser Leu Arg Ile Lys Leu Leu Val Ser Glu
1 5 10 15

Lys Ser Cys Asp Gly Trp Leu Asn Phe Asn Asn Lys Leu Leu Asn Glu
20 25 30

Ala Ser Thr Thr His His Cys Val Glu Thr Gly Ser Gln Glu Ala Ser
35 40 45

Ala Ile Tyr Phe
50

<210> 123
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G275C"

<400> 123
Ile Thr Ile Gly Asn Glu Arg Phe Arg Cys Pro Glu Thr Leu Phe Gln
1 5 10 15

Pro Ser Phe Ile Gly Met Glu Ser Ala Cys Cys Ile His Glu Thr Thr

20 25 30

Tyr Asn Ser Ile Met Lys Cys Asp Ile Asp Ile Arg Lys Asp Leu Tyr
35 40 45

Ala Asn Asn Val
50

<210> 124
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A22P"

<400> 124
Met Glu Glu Glu Ile Ala Ala Leu Val Ile Asp Asn Gly Ser Gly Met
1 5 10 15

Cys Lys Ala Gly Phe Pro Pro Gly Asp Asp Ala Pro Arg Ala Val Phe
20 25 30

Pro Ser Ile Val Gly Arg Pro Arg His Gln Gly Val Met Val Gly Met
35 40 45

<210> 125
<211> 71
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L88fs"

<400> 125
Gly Pro Thr Tyr Tyr Ile Asp Thr Asn Ala Leu Arg Val Pro Arg Glu
1 5 10 15

Asn Met Glu Ala Ile Ser Pro Leu Lys Met Gly Trp Leu Lys Thr Gly
20 25 30

Ile Val Ser Lys Leu Phe Trp Ile Ile Pro Thr Lys Cys Met Ser Asn

35 40 45

Gln Lys Pro Val Ser Ile Leu Phe Ser Cys Gln Arg His Arg Gly Ile
50 55 60

Leu Glu Gln Arg Glu Arg Asn
65 70

<210> 126
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R354H"

<400> 126
Thr Gly Phe Lys Glu Glu Met Ala Ala Asn Val Leu Leu Cys Gly Gly
1 5 10 15

Cys Thr Met Leu Asp Gly Phe Pro Glu His His Phe Gln Arg Glu Leu
20 25 30

Ser Leu Leu Cys Pro Gly Asp Ser Pro Ala Val Ala Ala Ala Pro Glu
35 40 45

Arg Lys Thr Ser
50

<210> 127
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E211K"

<400> 127
Ile Tyr Ser Tyr Gly Lys Thr Ser Gly Leu Val Val Glu Ser Gly His
1 5 10 15

Gly Val Ser His Val Val Pro Ile Ser Lys Lys Gly Asp Val Leu Pro

20 25 30

Gly Leu Thr Ser Arg Ala Asp Tyr Ala Gly Gly Asp Leu Thr Asn Tyr
35 40 45

Leu Met Gln Leu
50

<210> 128
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R331H"

<400> 128
Glu Val Pro Gly Leu Ser Pro Val Gly Leu Ser Thr Met Ala Lys Gln
1 5 10 15

Ser Leu Arg Lys Leu Ser Leu Glu Met His His Ala Asp Leu Ala Gln
20 25 30

Asn Val Leu Leu Cys Gly Gly Ser Ser Leu Phe Thr Gly Phe Glu Gly
35 40 45

Arg Phe Arg Ala
50

<210> 129
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.D893Y"

<400> 129
Ala Tyr Ser Gly Pro Gly Ser Val Pro Gly Ala Leu Asp Tyr Ala Ala
1 5 10 15

Phe Ser Ser Ala Leu Tyr Gly Glu Ser Tyr Tyr Leu

20 25

<210> 130
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R206H"

<400> 130
Ala Asp Leu Leu Asp His Ser Cys Thr Ser Gly Ser Gly Ser Gly Leu
1 5 10 15

Pro Phe Leu Val Gln Arg Thr Val Ala His His Gln Ile Thr Leu Leu
20 25 30

Glu Cys Val Gly Lys Gly Arg Tyr Gly Glu Val Trp Arg Gly Ser Trp
35 40 45

Gln Gly Glu Asn
50

<210> 131
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S290L"

<400> 131
Phe Ile Ala Ser Asp Met Thr Ser Arg His Ser Ser Thr Gln Leu Trp
1 5 10 15

Leu Ile Thr His Tyr His Glu Met Gly Leu Leu Leu Tyr Asp Tyr Leu
20 25 30

Gln Leu Thr Thr Leu Asp Thr Val Ser Cys Leu Arg Ile Val Leu Ser
35 40 45

Ile Ala Ser Gly

50

<210> 132
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S11L"

<400> 132
Met Ala Ser Asn Asn His Trp Phe Gln Ser Leu Leu Gln Val Pro Ser
1 5 10 15

Phe Ala Gln Met Leu Lys Lys Asn Leu Pro Val Gln Pro Ala Thr Lys
20 25 30

Thr Ile Thr Thr Pro
35

<210> 133
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G44E"

<400> 133
Leu Ala Ala Ser Leu Gln Ile Ser Pro Gln Pro Arg Pro Trp Arg Pro
1 5 10 15

Leu Pro Ala Gln Ala Gln Ser Ala Trp Glu Glu Pro Ala Pro Ala Pro
20 25 30

Ala Thr Tyr Arg Ala Glu Gly Gly Trp Pro Gln Val Ser Val Leu Arg
35 40 45

Asp Ser Gly Pro
50

<210> 134

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K380M"

<400> 134
Glu Lys Asp Gln Ile Asp Ile Thr Thr Asn Pro Val Gln Met Leu His
1 5 10 15

Glu Phe Ser Lys Tyr Arg Gln Arg Ile Met Met Gln His Ala Asp Ala
20 25 30

Val His Leu Ile Ser Arg Val Thr Phe His Tyr Lys Arg Ser Ser Leu
35 40 45

Ser Tyr Phe Gly
50

<210> 135
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K73fs"

<400> 135
Gln Glu Gln Phe Glu Thr Glu Leu Lys Tyr Lys Met Thr Ile Asn Gly
1 5 10 15

Lys Ile Ala Val Leu Tyr Leu Lys Lys Lys Gln Glu Pro Pro Cys Thr
20 25 30

Arg Leu His Gly Asn Ile Leu
35

<210> 136
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V205I"

<400> 136
Ile Asp Asn Ser Thr Gln Lys Gln Ser Ser Tyr Val Gly Trp Trp Ile
1 5 10 15

His Phe Arg Ile Val Glu Ile Val Val Ile Ile Ile Asp Asn Tyr Leu
20 25 30

Tyr Ile Arg Tyr Glu Arg Asn Asp Ser Lys Leu Leu Glu Asp Leu Tyr
35 40 45

Val Ile Val Asn
50

<210> 137
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q741H"

<400> 137
Leu Lys Pro Lys Gln Glu Lys Met Pro Leu Ser Lys Ala Lys Thr Glu
1 5 10 15

Gln Glu Glu Ser Lys Thr Lys Thr Val His His Glu Glu Ser Lys Thr
20 25 30

Lys Thr Gly Gln Glu Glu Ser Glu Ala Lys Thr Gly Gln Glu Glu Ser
35 40 45

Lys Ala Lys Thr
50

<210> 138
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G97L"

<400> 138
Lys His Val Leu His Leu Trp Pro Lys Arg Leu Leu Leu Pro Arg His
1 5 10 15

Leu Arg Val Phe Ser Phe Thr Glu His Leu Leu Glu Leu Leu Glu Asp
20 25 30

His Pro Tyr Ile Pro Lys Asp Cys Asn Tyr Met Gly Ser Val Lys Glu
35 40 45

Ser Leu Asp Ser Lys
50

<210> 139
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S314Y"

<400> 139
Ser Ser Asp Trp Ala His Leu Tyr Leu Gln Arg Lys Tyr Asn Asp Ala
1 5 10 15

Leu Ala Trp Ser Phe Gly Lys Val Cys Tyr Tyr Leu Glu Tyr Ala Gly
20 25 30

Ser Val Ser Thr Leu Leu Asp Thr Asn Ile Leu Ala Pro Ala Thr Trp
35 40 45

Ser Ala His Glu
50

<210> 140
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R559Q"

<400> 140
Asp Arg Asn Asn Lys Tyr Val Phe Cys Gly Trp Arg Asn Leu Ile Cys
1 5 10 15

Gly Arg Leu Val Cys Thr Tyr Pro Thr Gln Gln Lys Pro Phe His Gln
20 25 30

Glu Asn Gly Asp Val Ile Tyr Ala Phe Val Arg Asp Ser Val Cys Ile
35 40 45

Thr Val Asp Tyr
50

<210> 141
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R256Q"

<400> 141
Asn Gln Thr Ala Val Arg Glu Glu Met Ile Leu Leu Ala Asn Tyr Leu
1 5 10 15

Asp Ser Met Tyr Ile Met Leu Asn Ile Gln Gln Ile Val Leu Val Gly
20 25 30

Leu Glu Ile Trp Thr Asn Gly Asn Leu Ile Asn Ile Val Gly Gly Ala
35 40 45

Gly Asp Val Leu
50

<210> 142
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E359K"

<400> 142
Leu Asn Pro Val His His Asp Val Ala Val Leu Leu Thr Arg Lys Asp
1 5 10 15

Ile Cys Ala Gly Phe Asn Arg Pro Cys Lys Lys Thr Leu Gly Leu Ser
20 25 30

His Leu Ser Gly Met Cys Gln Pro His Arg Ser Cys Asn Ile Asn Glu
35 40 45

Asp Ser Gly Leu
50

<210> 143
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P1053A"

<400> 143
Arg Pro Arg Met Leu Thr Thr Pro Thr Gly Pro Glu Ser Met Ser Thr
1 5 10 15

Ser Thr Pro Ala Ile Ser Ser Pro Ser Ala Ala Thr Thr Ala Ser Lys
20 25 30

Glu Gly Asp Leu Gly Gly Lys Gln Trp Gln Asp Ser Ser Thr Gln Pro
35 40 45

Glu Leu Ser Ser
50

<210> 144
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G238C"

<400> 144
Gln Gln Glu Trp Ala Glu Pro Asp Gly Asp Leu His Asn Glu Ala Phe
1 5 10 15

Gly Leu Gly Asp Leu Pro Asn Leu Leu Cys Cys Leu Val Gly Asp Gln
20 25 30

Leu Gly Asp Thr Glu Arg Lys Arg Arg His Ala Lys Pro Gly Ser Tyr
35 40 45

Ser Ile Glu Val
50

<210> 145
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D817N"

<400> 145
Leu Arg Arg Tyr Tyr Leu Asn Gly His Trp Thr Val Asp Trp Pro Gly
1 5 10 15

Arg Tyr Lys Phe Ser Gly Thr Thr Phe Asn Asn Tyr Arg Arg Ser Tyr
20 25 30

Asn Glu Pro Glu Asn Leu Ile Ala Thr Gly Pro Thr Asn Glu Thr Leu
35 40 45

Ile Val Glu Leu
50

<210> 146
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N572T"

<400> 146
Ser Pro Trp Gly Ala Trp Ser Met Cys Ser Arg Thr Cys Gly Thr Gly
1 5 10 15

Ala Arg Phe Arg Gln Arg Lys Cys Asp Thr Thr Pro Pro Pro Gly Pro
20 25 30

Gly Gly Thr His Cys Pro Gly Ala Ser Val Glu His Ala Val Cys Glu
35 40 45

Asn Leu Pro Cys
50

<210> 147
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D948N"

<400> 147
Trp Glu Pro Cys Ser Gln Thr Cys Gly Arg Thr Gly Met Gln Val Arg
1 5 10 15

Ser Val Arg Cys Ile Gln Pro Leu His Asn Asn Asn Thr Thr Arg Ser
20 25 30

Val His Ala Lys His Cys Asn Asp Ala Arg Pro Glu Ser Arg Arg Ala
35 40 45

Cys Ser Arg Glu
50

<210> 148
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R541L"

<400> 148
Lys Leu His Lys Gly Cys Phe Thr Gln His Val Pro Pro Ala Asp Gly
1 5 10 15

Thr Asp Cys Gly Pro Gly Met His Cys Leu Leu His Gly Leu Cys Val
20 25 30

Asn Lys Glu Thr Glu Thr Arg Pro Val Asn Gly Glu Trp Gly Pro Trp
35 40 45

Glu Pro Tyr Ser
50

<210> 149
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1251S"

<400> 149
Gly Lys Thr Thr Arg Gln Val Leu Cys Met Asn Tyr His Gln Pro Ile
1 5 10 15

Asp Glu Asn Tyr Cys Asp Pro Glu Val Ser Ser Pro Leu Met Glu Gln
20 25 30

Glu Cys Ser Leu Ala Ala Cys Pro Pro Ala His Ser His Phe Pro Ser
35 40 45

Ser Pro Val Gln
50

<210> 150
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R156W"

<400> 150
Thr Ile Asn Gly Asp Pro Glu Ser Val Ala Ser Leu His Trp Asp Gly
1 5 10 15

Gly Ala Leu Leu Gly Val Leu Gln Tyr Trp Trp Gly Ala Glu Leu His
20 25 30

Leu Gln Pro Leu Glu Gly Gly Thr Pro Asn Ser Ala Gly Gly Pro Gly
35 40 45

Ala His Ile Leu
50

<210> 151
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L549M"

<400> 151
Gln Gly Gln Met Val Cys Leu Thr Lys Lys Leu Pro Ala Val Glu Gly
1 5 10 15

Thr Pro Cys Gly Lys Gly Arg Ile Cys Met Met Gln Gly Lys Cys Val
20 25 30

Asp Lys Thr Lys Lys Lys Tyr Tyr Ser Thr Ser Ser His Gly Asn Trp
35 40 45

Gly Ser Trp Gly
50

<210> 152
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V524M"

<400> 152
Thr Pro Cys Gly Pro Gly His Leu Cys Ser Glu Gly Ser Cys Leu Pro
1 5 10 15

Glu Glu Glu Val Glu Arg Pro Lys Pro Met Met Ala Asp Gly Gly Trp
20 25 30

Ala Pro Trp Gly Pro Trp Gly Glu Cys Ser Arg Thr Cys Gly Gly Gly
35 40 45

Val Gln Phe Ser
50

<210> 153
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G659W"

<400> 153
Phe Lys Ser Cys Asn Thr Glu Pro Cys Leu Lys Gln Lys Arg Asp Phe
1 5 10 15

Arg Asp Glu Gln Cys Ala His Phe Asp Trp Trp Lys His Phe Asn Ile
20 25 30

Asn Gly Leu Leu Pro Asn Val Arg Trp Val Pro Lys Tyr Ser Gly Ile
35 40 45

Leu Met Lys Asp
50

<210> 154
<211> 83
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G778fs"

<400> 154
Thr Ser Cys Ser Arg Ser Cys Gly Pro Gly Thr Gln His Arg Gln Leu
1 5 10 15

Gln Cys Arg Gln Glu Phe Gly Gly Gly Trp Leu Leu Gly Ala Pro Gly
20 25 30

Ala Leu Trp Thr Ser Pro Pro Ala Gln His His Pro Val Leu Pro Ala
35 40 45

Ala Pro Leu Trp Pro Leu Gly Ser Trp Leu Ser Leu Glu Pro Val Leu
50 55 60

Arg Ala Val Arg Pro Gly Pro Glu Lys Pro Ala Gly Ser Leu Cys Trp
65 70 75 80

Glu Gln Trp

<210> 155
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A87V"

<400> 155
Leu Ala Val Phe Phe Ala Leu Gly Leu Glu Val Glu Asp His Val Ala
1 5 10 15

Phe Leu Ile Thr Val Pro Thr Ala Leu Val Val Ile Phe Phe Ala Ile
20 25 30

Phe Ile Leu Val Cys Ile Glu Ser Val Phe Lys Lys Leu Leu Arg Leu
35 40 45

Phe Ser Leu Val

50

<210> 156
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V888I"

<400> 156
His Val Ala Glu His Phe Leu Ala Arg Ser Leu Lys Asn Glu Glu Leu
1 5 10 15

Tyr His Gln Ser Tyr Asp Cys Val Cys Ile Ile Met Phe Ala Ser Ile
20 25 30

Pro Asp Phe Lys Glu Phe Tyr Thr Glu Ser Asp Val Asn Lys Glu Gly
35 40 45

Leu Glu Cys Leu
50

<210> 157
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1016T"

<400> 157
Ser Phe Asn Asp Phe Lys Leu Arg Val Gly Ile Asn His Gly Pro Val
1 5 10 15

Ile Ala Gly Val Ile Gly Ala Gln Lys Thr Thr Gln Tyr Asp Ile Trp
20 25 30

Gly Asn Thr Val Asn Val Ala Ser Arg Met Asp Ser Thr Gly Val Leu
35 40 45

Asp Lys Ile Gln

50

<210> 158
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R661H"

<400> 158
Ser Ile Glu Thr Phe Leu Ile Leu Arg Cys Thr Gln Lys Arg Lys Glu
1 5 10 15

Glu Lys Ala Met Ile Ala Lys Met Asn His His Gln Arg Thr Asn Ser
20 25 30

Ile Gly His Asn Pro Pro His Trp Gly Ala Glu Arg Pro Phe Tyr Asn
35 40 45

His Leu Gly Gly
50

<210> 159
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E570K"

<400> 159
His Gly Pro Pro Ala Pro Pro Asn Pro Phe Ser His Leu Thr Glu Gly
1 5 10 15

Glu Leu Glu Glu Tyr Lys Arg Thr Ile Lys Lys Arg Lys Gln Gln Gly
20 25 30

Leu Glu Asp Ala Glu Gln Glu Leu Leu Ser Asp Asp Ala Ser Ser Val
35 40 45

Ser Gln Ile Gln

50

<210> 160
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S1124L"

<400> 160
Pro Cys Asn Ser Phe Ala Ile Lys Glu Ile Arg Asp Tyr Tyr Ile Pro
1 5 10 15

Asn Asp Lys Lys Ile Leu Phe Arg Tyr Leu Leu Val Lys Val Leu Thr
20 25 30

Pro Gln Pro Ala Thr Ile Gln Val Arg Thr Ser Lys Pro Asp Ala Phe
35 40 45

Ile Lys Leu Gln
50

<210> 161
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D154V"

<400> 161
Ser Arg Phe Thr Cys Arg Arg Lys Pro Ile His His Phe Leu Gly Ile
1 5 10 15

Ser Thr Phe Ser Gln Tyr Thr Val Val Val Val Glu Asn Ala Val Ala
20 25 30

Lys Ile Asp Ala Ala Ser Pro Leu Glu Lys Val Cys Leu Ile Gly Cys
35 40 45

Gly Phe Ser Thr

50

<210> 162
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S322fs"

<400> 162
Asn Ser Pro Ser Pro Ala Ala Gly Gln Pro Val Thr Val Ala Gln Gly
1 5 10 15

Ala Pro Gly Ser Leu Thr His Ser Pro Leu Leu Leu Ala Asn Pro Thr
20 25 30

<210> 163
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R597H"

<400> 163
Val Lys Thr Asn Ala Ser Gln Val Pro Ala Glu Pro Lys Glu Arg Pro
1 5 10 15

Leu Leu Ser Leu Ile Arg Glu Lys Ala His His Pro Arg Pro Thr Gln
20 25 30

Lys Ile Pro Glu Thr Lys Ala Leu Lys His Lys Leu Ser Thr Thr Ser
35 40 45

Glu Thr Val Ser
50

<210> 164
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E919K"

<400> 164
Ile Asn Lys Asn Glu Lys Met Leu Arg Ser Pro Ile Ser Pro Leu Ser
1 5 10 15

Asp Ala Ser Lys His Lys Tyr Thr Ser Lys Lys Asp Leu Thr Ser Ser
20 25 30

Ser Arg Pro Asn Gly Asn Ser Leu Phe Thr Ser Ala Ser Ser Ser Lys
35 40 45

Lys Pro Lys Ala
50

<210> 165
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A182G"

<400> 165
Thr Phe Met Asn Lys Phe Ile Tyr Glu Ile Ala Arg Arg His Pro Phe
1 5 10 15

Leu Tyr Ala Pro Thr Ile Leu Leu Trp Gly Gly Ala Arg Tyr Asp Lys
20 25 30

Ile Ile Pro Ser Cys Cys Lys Ala Glu Asn Ala Val Glu Cys Phe Gln
35 40 45

Thr Lys Ala Ala
50

<210> 166
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G127fs"

<400> 166
Gly Gly Arg Phe Lys Lys Glu Ile Val Val Asp Gly Gln Ser Tyr Leu
1 5 10 15

Leu Leu Ile Arg Asp Glu Gly Gly Pro Arg Arg Arg Ser Leu Pro Cys
20 25 30

Gly Trp Thr Leu Leu Tyr Leu Ser Ser Ala Trp Arg Met Lys
35 40 45

<210> 167
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R766W"

<400> 167
Val Trp Glu Gly Ala Leu Gly Gly Tyr Ser Lys Pro Gly Pro Asp Ala
1 5 10 15

Cys Arg Glu Glu Lys Glu Arg Trp Ile Trp Trp Ala Lys Tyr Glu Gln
20 25 30

Lys Leu Phe Leu Ala Pro Leu Pro Ser Ser Asp Val Pro Leu Gly Gln
35 40 45

Gln Leu Leu Arg
50

<210> 168
<211> 77
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D69fs"

<400> 168
Met Ala Ala Ala Val Gln Pro Ala Glu Val Thr Val Glu Val Gly Glu
1   5   10   15

Asp Leu His Met His His Val Arg Asp Gly Arg Cys Leu Lys Leu Trp
            20   25   30

Ser Leu Thr Phe Leu Pro Ile Gln Ser Gln Ala Gln Tyr Ser Arg Gly
        35   40   45

Thr Leu Lys Gln Lys Leu Trp Ser Leu Thr Leu Leu Pro Ile Gln Arg
    50   55   60

Gln Ala Gln Tyr Ser Arg Gly Thr Leu Lys Gln Met Leu
65   70   75

<210> 169
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S127I"

<400> 169
Asn Pro Ser Ala Asn Pro Glu Ala Ser Thr Ile Phe Gln Arg Asn Ser
1   5   10   15

Gln Thr Asp Val Val Glu Ile Arg Arg Ile Ile Asn Cys Thr Asn His
            20   25   30

Val Ser Ala Val Arg Phe Ser Gln Gln Tyr Ser Leu Cys Ser Thr Ile
        35   40   45

Phe Leu Asp Asp
    50

<210> 170
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E71fs"

<400> 170
Ala Ala Ala Val Gln Pro Ala Glu Val Thr Val Glu Val Gly Glu Asp
1 5 10 15

Leu His Met His His Val Arg Asp Arg Arg Cys Leu Lys Leu Trp Ser
20 25 30

Leu Thr Leu Leu Pro Ile Gln Arg Gln Ala Gln Tyr Ser Arg Gly Thr
35 40 45

Leu Lys Gln Met Leu
50

<210> 171
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M248V"

<400> 171
Ser Thr Ser Gln Glu Asp Pro Gln Phe Ser Val Pro Pro Thr Ala Asn
1 5 10 15

Thr Pro Thr Pro Val Cys Lys Leu Ser Val Val Arg Trp Ser Asn Leu
20 25 30

Phe Thr Ser Glu Lys Gly Ser Asp Pro Asp Lys Glu Arg Lys Ala Pro
35 40 45

Glu Asn His Ala
50

<210> 172
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I420fs"

<400> 172
Lys Leu Asn Ser Val Trp Ile Met Pro Gln Gln Ser Ala Gly Leu Glu
1 5 10 15

Glu Ser Ala Pro Asp Thr Ile Pro Pro Gln Arg Glu Trp Arg Cys Leu
20 25 30

Leu Cys Gly Pro Ala Trp Thr Cys Phe Gln Lys Gly Leu Leu His Val
35 40 45

Arg Lys Gln Leu
50

<210> 173
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V313M"

<400> 173
Thr Gly Thr Pro Glu Ile Ala Gly Leu Thr Pro Ser Gln Ala Leu Glu
1 5 10 15

Ile Ile Arg Gly Cys Gln Gly Leu Asn Met Met Met Gly Cys Asp Leu
20 25 30

Val Glu Val Ser Pro Pro Tyr Asp Leu Ser Gly Asn Thr Ala Leu Leu
35 40 45

Ala Ala Asn Leu
50

<210> 174
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A212T"

<400> 174
Ile Ser Met Gln Val Ala Arg Ala Lys Gly Leu Pro Arg Leu Lys His
1 5 10 15

His Leu Leu Pro Arg Thr Lys Gly Phe Thr Thr Ile Thr Val Arg Ser
20 25 30

Leu Arg Asn Val Val Ser Ala Val Tyr Asp Cys Thr Leu Asn Phe Arg
35 40 45

Asn Asn Glu Asn
50

<210> 175
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.1284_1285VT>A"

<400> 175
Gly Ala Thr Ser Gly Ala Ile Ala Ala Gly Ala Thr Ala Arg Ala Thr
1 5 10 15

Thr Ala Ser Arg Leu Pro Ser Ser Ala Ala Ala Pro Arg Ala Pro His
20 25 30

Pro Ser His Thr Ser Gln Pro Val Ala Lys Thr Thr Ala Ala Pro Thr
35 40 45

Thr Arg Arg Pro Pro Thr
50

<210> 176
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R502C"

<400> 176
Phe Ser Gln Thr Phe Arg Ile Ala Pro Ser Met Cys Ile Thr Lys Pro
1 5 10 15

Glu Val Asp Phe Ala Val Glu Val Phe Cys Cys Ser Ala Leu Thr Gln
20 25 30

His Met Glu Arg Arg Ala Lys
35

<210> 177
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K303fs"

<400> 177
Asp Asp Glu Ile Ser Ser Met Glu Gln Ser Thr Glu Asp Ser Met Gln
1 5 10 15

Asp Asp Thr Lys Pro Lys Pro Lys Lys Asn Lys Lys Glu Asp
20 25 30

<210> 178
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S4150F"

<400> 178
Lys Ala Pro Lys Ile Ser Met Pro Glu Val Asp Leu Asn Leu Lys Gly

1 5 10 15

Pro Lys Met Lys Gly Asp Val Asp Val Phe Phe Leu Pro Lys Val Glu
20 25 30

Gly Asp Leu Lys Gly Pro Glu Val Asp Ile Lys Gly Pro Lys Val Asp
35 40 45

Ile Asp Val Pro
50

<210> 179
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.5_6insE"

<400> 179
Met Glu Lys Glu Glu Glu Glu Thr Thr Arg Glu Leu Leu Leu Pro Asn
1 5 10 15

Trp Gln Gly Ser Gly Ser His Gly Leu Thr Ile Ala Gln Arg Asp Asp
20 25 30

Gly Val

<210> 180
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V1220I"

<400> 180
Ile Ser Met Pro Asp Val Asp Leu His Leu Lys Gly Pro Lys Val Lys
1 5 10 15

Gly Asp Val Asp Val Ser Val Pro Lys Ile Ile Glu Gly Glu Met Lys

20 25 30

Val Pro Asp Val Glu Ile Lys Gly Pro Lys Met Asp Ile Asp Ala Pro
35 40 45

Asp Val Glu Val
50

<210> 181
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A2114G"

<400> 181
Pro Asp Val Ser Leu Glu Gly Pro Glu Gly Lys Leu Lys Gly Pro Lys
1 5 10 15

Leu Lys Met Pro Glu Met His Phe Lys Gly Gly Pro Lys Ile Ser Met
20 25 30

Pro Asp Val Asp Leu His Leu Lys Gly Pro Lys Val Lys Gly Asp Val
35 40 45

Asp Val Ser Leu
50

<210> 182
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D2889H"

<400> 182
Leu Lys Gly Pro Glu Val Asp Leu Lys Gly Pro Lys Val Asp Ile Asp
1 5 10 15

Val Pro Asp Val Asn Val Gln Gly Pro His His Trp His Leu Lys Met

```
            20                  25                  30

Pro Lys Met Lys Met Pro Lys Phe Ser Met Pro Gly Phe Lys Ala Glu
        35                  40                  45

Gly Pro Glu Val
    50
```

<210> 183
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1215S"

<400> 183

```
Ala Pro Lys Val Glu Ala Asp Val Ser Leu Pro Ser Met Gln Gly Asp
1               5                   10                  15

Leu Lys Thr Thr Asp Leu Ser Ile Gln Ser Ser Pro Ser Ala Asp Leu
            20                  25                  30

Glu Val His Ala Gly Gln Val Asp Val Lys Leu Leu Glu Gly His Val
        35                  40                  45

Pro Glu Gly Ala
    50
```

<210> 184
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L1640M"

<400> 184

```
Pro Asp Val Lys Met Ser Leu Ser Ser Met Glu Val Asp Val Gln Ala
1               5                   10                  15

Pro Arg Ala Lys Leu Asp Gly Ala Gln Met Met Glu Gly Asp Leu Ser
```

20 25 30

Leu Ala Asp Lys Ala Val Thr Ala Lys Asp Ser Lys Phe Lys Met Pro
35 40 45

Lys Phe Lys Met
50

<210> 185
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S2166F"

<400> 185
Leu Ala Asn Lys Asp Leu Thr Thr Lys Asp Ser Lys Phe Lys Met Pro
1 5 10 15

Lys Phe Lys Met Pro Ser Phe Gly Val Phe Phe Ala Pro Gly Lys Ser
20 25 30

Ile Glu Ala Ser Val Asp Val Ser Pro Pro Lys Val Glu Ala Asp Met
35 40 45

Ser Leu Pro Ser
50

<210> 186
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R131G"

<400> 186
Leu Arg Ile Phe Thr Ala Arg Leu Tyr Phe Cys Glu Asp Arg Lys Ala
1 5 10 15

Glu Pro Glu Gly Leu Arg Arg Leu His Gly Gly Ala Gly Val Gln Ile

20 25 30

Ala Ile Met Thr Phe Lys Asp Tyr Phe Tyr Cys Trp Asn Thr Phe Val
35 40 45

Glu Asn His Glu
50

<210> 187
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y144F"

<400> 187
Arg Lys Ala Glu Pro Glu Gly Leu Arg Arg Leu His Arg Ala Gly Val
1 5 10 15

Gln Ile Ala Ile Met Thr Phe Lys Asp Phe Phe Phe Tyr Cys Trp Asn
20 25 30

Thr Phe Val Glu Asn His Glu Arg Thr Phe Lys Ala Trp Glu Gly Leu
35 40 45

His Glu Asn Ser
50

<210> 188
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K247M"

<400> 188
Val Asp Ile Glu Leu Gln Lys His Val Glu Lys Leu Thr Lys Gly Ala
1 5 10 15

Ala Ile Phe Phe Glu Phe Lys His Tyr Met Met Pro Lys Lys Arg Phe

20 25 30

Thr Ser Thr Lys Cys Phe Ala Phe Met Glu Met Asp Glu Ile Lys Pro
35 40 45

Gly Pro Ile Val
50

<210> 189
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q191R"

<400> 189
Ala Val Ser Thr Gln Gln Gln Glu Glu Asp Arg Ser Ser Ser Cys Arg
1 5 10 15

Glu Ala Val Leu Gln Trp Arg Leu Gln Arg Arg Thr Ile Lys Glu Gln
20 25 30

Ala Leu Leu Asn Ala His Val Thr Gln Val Thr Glu Ser Leu Lys Gln
35 40 45

Val Gln Leu Glu
50

<210> 190
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A159V"

<400> 190
Ser Ala Leu Ser Glu Glu Val Ser His Phe Glu Lys Arg Lys Leu Phe
1 5 10 15

Ile Leu Leu Ser Thr Val Met Thr Trp Val Val Arg Ser Lys Ala Leu

20 25 30

Asp Pro Glu Asp Ser Glu Val Pro Phe Thr Glu Glu Asp Tyr Arg Arg
35 40 45

Arg Lys Ser His
50

<210> 191
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D243A"

<400> 191
Lys Leu Leu Glu Tyr His Arg Asn Ile Val Arg Val Ile Pro Ser Tyr
1 5 10 15

Pro Lys Ile Leu Lys Val Ile Ser Ala Ala Ala Gln Pro Cys Val Asp
20 25 30

Val Phe Tyr Gln Ala Leu Thr Tyr Val Gln Ser Asn His Arg Thr Asn
35 40 45

Ala Pro Phe Thr
50

<210> 192
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1282K"

<400> 192
Ile Leu Ser Lys Thr Glu Gly Thr Gln Glu Ala Asp Gln Tyr Ala Asp
1 5 10 15

Glu Lys Thr Lys Asp Val Pro Phe Phe Lys Lys Gly Leu Glu Gly Ser

20 25 30

Ile Asp Thr Gly Ile Thr Val Ser Arg Glu Lys Val Thr Glu Val Ala
35 40 45

Leu Lys Gly Glu
50

<210> 193
<211> 58
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K2785fs"

<400> 193
Gln Ala Pro Ala Ser Thr Ser Ala Ser Thr Arg Leu Phe Gly Leu Thr
1 5 10 15

Lys Pro Lys Glu Lys Lys Glu Lys Lys Arg Arg Thr Lys Pro Ala Ala
20 25 30

Leu Ser Pro Val Met Val Pro Arg Gln Lys Tyr Gln Gln Arg Val Lys
35 40 45

Arg Ser Ser Ala Asp Pro Leu Pro Leu Cys
50 55

<210> 194
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L3482I"

<400> 194
Arg Arg Ile Leu Tyr Gln Asn Leu Asn Glu Pro Thr Thr Trp Ser Leu
1 5 10 15

Thr Ser Asp Arg Thr Arg Asn Trp Val Ile Ile Gln Gln Lys Ile Glu

20 25 30

Gly Glu Thr Lys Glu Ser Asn Tyr Ala Lys Leu Ile Glu Met Asn Gly
35 40 45

Gly Gly Thr Gly
50

<210> 195
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M3743fs"

<400> 195
Tyr Leu Leu Leu Leu Leu Gly Gly Phe Gln Glu Cys Glu Asp Ala Thr
1 5 10 15

Leu Ala Leu Leu Ala Arg Met Gly Gly Ser Gln Leu Ser Arg Ile
20 25 30

<210> 196
<211> 63
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1209fs"

<400> 196
Asp Met Lys Ala Lys Ile Arg Val Asp Thr Ile Ala Lys Arg Arg Ala
1 5 10 15

Glu Leu Ile Leu Glu Arg Asp Lys Lys Gly Gly Arg Met Leu Leu Glu
20 25 30

Met Met Lys Arg Leu Val Arg Lys Asn Leu Lys Lys Thr Met Met Ile
35 40 45

Leu Lys Thr Ser Leu Lys Met Ser Phe Gln Lys Met Arg Lys Arg

50 55 60

<210> 197
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K620R"

<400> 197
Ala Glu Met Thr Ala Pro Ser Pro Ser Cys Ala Phe Cys Arg Arg Leu
1 5 10 15

Leu Glu Trp Lys Gln Asn Val Glu Lys Arg Arg Gly His Gly Arg Ile
20 25 30

Asn Cys Gly Arg Phe Ser Ile Val Leu His Glu Lys Ala Pro His Ser
35 40 45

Asp Ser Thr Pro
50

<210> 198
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E17K"

<400> 198
Met Ser Asp Val Ala Ile Val Lys Glu Gly Trp Leu His Lys Arg Gly
1 5 10 15

Lys Lys Tyr Ile Lys Thr Trp Arg Pro Arg Tyr Phe Leu Leu Lys Asn
20 25 30

Asp Gly Thr Phe Ile Gly Tyr Lys Glu Arg Pro
35 40

<210> 199

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I289M"

<400> 199
Glu Tyr Leu His Ser Arg Asp Val Val Tyr Arg Asp Ile Lys Leu Glu
1 5 10 15

Asn Leu Met Leu Asp Lys Asp Gly His Met Met Lys Ile Thr Asp Phe
20 25 30

Gly Leu Cys Lys Glu Gly Ile Ser Asp Gly Ala Thr Met Lys Thr Phe
35 40 45

Cys Gly Thr Pro
50

<210> 200
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G302R"

<400> 200
Pro Arg Val Cys Gly Ala Val Met Asp Thr Leu Lys Gln His Gly Ala
1 5 10 15

Gly Ala Gly Gly Thr Arg Asn Ile Ser Arg Arg Thr Ser Lys Phe His
20 25 30

Val Asp Leu Glu Arg Glu Leu Ala Asp Leu His Gly Lys Asp Ala Ala
35 40 45

Leu Leu Phe Ser
50

<210> 201

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S294L"

<400> 201
Cys Cys His Gly Asp Leu Leu Glu Cys Ala Asp Asp Arg Ala Asp Leu
1 5 10 15

Ala Lys Tyr Ile Cys Glu Asn Gln Asp Leu Leu Ile Ser Ser Lys Leu
20 25 30

Lys Glu Cys Cys Glu Lys Pro Leu Leu Glu Lys Ser His Cys Ile Ala
35 40 45

Glu Val Glu Asn
50

<210> 202
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R85C"

<400> 202
Pro Ala Thr Gly Glu Gln Val Cys Glu Val Gln Glu Ala Asp Lys Ala
1 5 10 15

Asp Ile Asp Lys Ala Val Gln Ala Ala Cys Cys Leu Ala Phe Ser Leu
20 25 30

Gly Ser Val Trp Arg Arg Met Asp Ala Ser Glu Arg Gly Arg Leu Leu
35 40 45

Asp Lys Leu Ala
50

<210> 203

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A870T"

<400> 203
Lys Ala Leu Tyr Val Ser Asp Lys Leu Gln Ala Gly Thr Val Phe Val
1 5 10 15

Asn Thr Tyr Asn Lys Thr Asp Val Ala Thr Thr Pro Phe Gly Gly Phe
20 25 30

Lys Gln Ser Gly Phe Gly Lys Asp Leu Gly Glu Ala Ala Leu Asn Glu
35 40 45

Tyr Leu Arg Val
50

<210> 204
<211> 146
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L286fs"

<400> 204
Thr Glu Ile Gly Arg Val Ile Gln Val Ala Ala Gly Ser Ser Asn Leu
1 5 10 15

Lys Arg Val Thr Leu Glu Leu Gly Gly Arg Ala Pro Thr Ser Ser Cys
20 25 30

Gln Met Pro Ile Trp Ile Gly Pro Trp Asn Arg Pro Thr Ser Pro Cys
35 40 45

Ser Ser Thr Arg Ala Ser Ala Ala Val Pro Ala Pro Gly Pro Ser Cys
50 55 60

Arg Arg Thr Ser Met Met Ser Leu Trp Ser Gly Ala Leu Pro Gly Pro

65 70 75 80

Ser Leu Gly Trp Ser Gly Thr Pro Leu Ile Ala Arg Pro Ser Arg Gly
85 90 95

Arg Arg Trp Met Lys Leu Ser Leu Arg Arg Ser Ser Ala Thr Ser Thr
100 105 110

Arg Gly Ser Lys Arg Gly Arg Ser Cys Cys Val Val Gly Ala Leu Leu
115 120 125

Leu Thr Val Val Thr Ser Ser Ser Pro Leu Cys Leu Glu Met Cys Arg
130 135 140

Met Ala
145

<210> 205
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P562fs"

<400> 205
Glu Thr Phe Ser His Arg Arg Ser Cys Leu Val Arg Pro Leu Met Asn
1 5 10 15

Asp Glu Gly Leu Lys Val Arg Tyr Pro Arg Ala Arg Pro Arg
20 25 30

<210> 206
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S302Y"

<400> 206
Asn Val Glu His Tyr Gln Glu Leu Lys Lys Met Val Gln Gln Ser Asp

1 5 10 15

Leu Gly Gln Tyr Val Thr Phe Leu Arg Tyr Tyr Phe Ser Asp Lys Gln
20 25 30

Lys Ile Ser Leu Leu His Ser Cys Thr Cys Val Leu Tyr Thr Pro Ser
35 40 45

Asn Glu His Phe
50

<210> 207
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K137E"

<400> 207
Trp His Trp Val Lys Gln Cys Leu Lys Leu Tyr Ser Gln Lys Pro Asn
1 5 10 15

Val Cys Asn Leu Asp Lys His Met Ser Glu Glu Glu Glu Thr Gln Asp
20 25 30

Leu Trp Glu Gln Ser Lys Glu Phe Leu Arg Tyr Lys Glu Ala Thr Lys
35 40 45

Arg Arg Pro Arg
50

<210> 208
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.L356fs"

<400> 208
Glu Cys Ser Asp Val Met Thr Asp Tyr Ser Asn Ala Val Trp Gln Arg

1 5 10 15

Asn Leu Leu Gly Thr Glu His Val Phe Tyr
20 25

<210> 209
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K523fs"

<400> 209
Leu Leu Ser Gly Glu Ser Glu Asn Ser Gly Met Ser Gln Cys Trp Glu
1 5 10 15

Thr Ala Ala Asp Lys Arg Val Gly Gly Arg Thr Tyr Gly Ala Arg Gly
20 25 30

Val Gln Gly Asn Leu Pro Gly
35

<210> 210
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D53N"

<400> 210
Asp Ala Val Leu Arg Cys Ile Ile Ser Gly Gln Pro Lys Pro Glu Val
1 5 10 15

Thr Trp Tyr Lys Asn Gly Gln Ala Ile Asn Asn Gly Ser Gly Ile Ile
20 25 30

Ser Asn Tyr Glu Phe Phe Glu Asn Gln Tyr Ile His Val Leu His Leu
35 40 45

Ser Cys Cys Thr

50

<210> 211
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W31S"

<400> 211
Val Leu Leu Leu Leu Gly Leu Arg Leu Gln Leu Ser Leu Gly Ile Ile
1 5 10 15

Pro Val Glu Glu Glu Asn Pro Asp Phe Ser Ser Asn Arg Gln Ala Ala
20 25 30

Glu Ala Leu Gly Ala Ala Lys Lys Leu Gln Pro Ala Gln Thr Ala Ala
35 40 45

Lys Asn Leu Ile
50

<210> 212
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R126Q"

<400> 212
Pro Pro Pro Gln Pro Gln Pro Gln Gln Gln Gln Pro Gln Pro Gln Pro
1 5 10 15

Pro Ala Gln Pro His Leu Tyr Leu Gln Gln Gln Gly Ala Cys Lys Thr
20 25 30

Pro Pro Asp Gly Ser Leu Lys Leu Gln Glu Gly Ser Ser Gly His Ser
35 40 45

Ala Ala Leu Gln

50

<210> 213
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S225Y"

<400> 213
Gln Gly Pro Ser Leu Pro Gly Leu Asp Phe Ala Asp Pro Gln Gly Ser
1 5 10 15

Thr Ile Phe Gln Ile Ala Arg Leu Ile Tyr Tyr His Gly Pro Met Pro
20 25 30

Gln Asn Lys Gln Ser Pro Leu Tyr Pro Gly Met Leu Tyr Val Pro Phe
35 40 45

Gly Ala Asn Gln
50

<210> 214
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.S3G"

<400> 214
Met Ala Gly Gly Gly His Ser Leu Leu Leu Glu Asn Ala Gln Gln Val
1 5 10 15

Val Leu Val Cys Ala Arg Gly Glu Arg Phe Leu Ala Arg
20 25

<210> 215
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R292W"

<400> 215
Pro Ser Pro Leu Pro Ser Pro Thr Ala Ser Pro Asn His Thr Leu Ala
1 5 10 15

Pro Ala Ser Pro Ala Pro Ala Arg Pro Trp Trp Ser Pro Ser Gln Thr
20 25 30

Arg Lys Gly Pro Pro Val Pro Pro Leu Pro Lys Val Thr Pro Thr Lys
35 40 45

Glu Leu Gln Gln
50

<210> 216
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T537A"

<400> 216
Pro Gly Leu Pro Ala Pro Ser Leu Thr Met Ser Asn Thr Met Pro Arg
1 5 10 15

Pro Ser Thr Pro Leu Asp Gly Val Ser Ala Ala Pro Lys Pro Leu Ser
20 25 30

Lys Leu Leu Gly Ser Leu Asp Glu Val Val Leu Leu Ser Pro Val Pro
35 40 45

Glu Leu Arg Asp
50

<210> 217
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N453S"

<400> 217
Thr Glu Ser Gly Leu Thr Pro Ile His Val Ala Ala Phe Met Gly His
1 5 10 15

Leu Asn Ile Val Leu Leu Leu Leu Gln Ser Ser Gly Ala Ser Pro Asp
20 25 30

Val Thr Asn Ile Arg Gly Glu Thr Ala Leu His Met Ala Ala Arg Ala
35 40 45

Gly Gln Val Glu
50

<210> 218
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q3076L"

<400> 218
Asp Asp Glu Ala Phe Glu Ala Arg Val Lys Glu Glu Glu Gln Lys Ile
1 5 10 15

Phe Gly Leu Met Val Asp Arg Gln Ser Leu Leu Gly Thr Thr Pro Asp
20 25 30

Thr Thr Pro Ala Arg Thr Pro Thr Glu Glu Gly Thr Pro Thr Ser Glu
35 40 45

Gln Asn Pro Phe
50

<210> 219
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D1322E"

<400> 219
Leu Ala Thr Gln Leu Tyr Arg Glu Leu Ile Cys Val Pro Tyr Met Ala
1 5 10 15

Lys Phe Val Val Phe Ala Lys Met Asn Glu Glu Pro Val Glu Ser Ser
20 25 30

Leu Arg Cys Phe Cys Met Thr Asp Asp Lys Val Asp Lys Thr Leu Glu
35 40 45

Gln Gln Glu Asn
50

<210> 220
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R24H"

<400> 220
Met Gln Glu Glu Leu Ala Trp Glu Thr Asp Gly Leu Leu Pro Leu Glu
1 5 10 15

Arg Gln Leu His Glu Ala Ala His His Gln Asn Asn Val Gly Arg Met
20 25 30

Gln Glu Leu Ile Gly Arg Arg Val Asn Thr Arg Ala Arg Asn His Val
35 40 45

Gly Arg
50

<210> 221
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M280I"

<400> 221
Tyr Arg Leu Tyr Arg Arg Met Lys Thr Gly Phe Glu His Ala Arg Ala
1 5 10 15

Pro Glu Met Pro Thr Asn Val Cys Leu Ile Ile Val Thr Ser Ser Thr
20 25 30

Ser Leu Thr Val Ser Phe Gln Glu Pro Leu Ser Val Asn Ala Ala Val
35 40 45

Val Thr Arg Tyr
50

<210> 222
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C644fs"

<400> 222
Thr Ala Ala Pro Ile Ser Gly Phe Arg Arg Gly Val Cys Val Cys Val
1 5 10 15

Cys Val Cys Val Cys Val Cys Val Cys Val Cys Val Cys Val Cys Arg
20 25 30

Glu His Pro Gly Arg Ser Pro Pro Gly
35 40

<210> 223
<211> 57
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C644fs"

<400> 223
Thr Ala Ala Pro Ile Ser Gly Phe Arg Arg Gly Val Cys Val Cys Val
1   5   10   15

Cys Val Cys Val Cys Val Cys Val Cys Val Cys Val Cys Val Cys Val
            20   25   30

Gly Ser Thr Gln Ala Asp Leu Pro Gln Ala Glu Arg Gly Leu Cys Tyr
        35   40   45

Arg Trp Tyr Cys Trp Arg Gly Ser Lys
    50   55

<210> 224
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N302I"

<400> 224
Lys Glu Leu Asp Ala Arg Ile Phe Leu Asn Glu Ile Pro Pro Phe Val
1   5   10   15

Glu Asp Gly Glu Pro Trp Phe Ile Ile Ile Ile Glu Thr Pro Leu Leu
            20   25   30

Val Lys Ile Gln Lys Gln Thr Tyr Lys Phe Arg Asn Lys Pro Ala His
        35   40   45

Thr Ser Trp Asn
    50

<210> 225
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K369R"

<400> 225
Lys Asp Glu Tyr Glu Phe Asp Glu Asp Asp Glu Gln Asp Arg Val Pro
1   5   10   15

Pro Val Asp Asp Lys His Leu Leu Lys Arg Arg Asp Tyr Arg Lys Glu
            20   25   30

Thr Lys Ser Asn Ser Phe Ile Ser Ile Pro Lys Met Glu Val Lys Ser
        35   40   45

Tyr Thr Lys Asn
    50

<210> 226
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Y2015S"

<400> 226
Ser Pro Lys Arg Phe Cys Pro Ala Asp Pro Leu His Ser Ala Ala Pro
1   5   10   15

Gly Pro Phe Ser Ala Ser Glu Ala Pro Ser Ser Pro Ala Pro Pro Ala
            20   25   30

Ser Pro Ala Pro Tyr Ala Leu Pro Val Ala Glu Pro Gly Leu Glu Asp
        35   40   45

Val Lys Asp Gly
    50

<210> 227
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E627K"

<400> 227
His Lys Glu Lys Ser Lys His Gln Lys Asp Phe His Leu Glu Phe Gly
1   5   10   15

Glu Lys Ser Asn Ala Lys Ile Lys Asp Lys Lys Asp His Ser Pro Thr
            20   25   30

Phe Glu Asn Ser Asp Cys Thr Leu Lys Lys Met Asp Lys Glu Gly Lys
        35   40   45

Thr Leu Lys Lys
    50

<210> 228
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E721Q"

<400> 228
Trp Lys Glu Asn Phe Phe Lys Ser Asp Glu Thr Glu Asp Leu Phe Leu
1   5   10   15

Asn Met Glu His Glu Ser Leu Thr Leu Gln Gln Lys Lys Ser Lys Leu
            20   25   30

Glu Lys Asn Ile Lys Asp Asp Lys Ser Thr Lys Glu Lys His Val Ser
        35   40   45

Lys Glu Arg Asn
    50

<210> 229
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T999N"

<400> 229
Ser Glu Phe Ile Leu Ala Ser Lys Gly Leu Thr His Leu Asn Glu Leu
1   5   10   15

Leu Met Ala Cys Lys Ser His Lys Glu Asn Asn Thr Ser Val His Thr
            20   25   30

Asp Trp Leu Leu Asp Leu Tyr Ala Gly Asn Ile Lys Thr Leu Gln Lys
        35   40   45

Leu Pro His Ile
    50

<210> 230
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P337R"

<400> 230
Thr Ser Asp Lys Asp Asp Ser Val Ser Asn Thr Ala Thr Glu Ile Lys
1   5   10   15

Asp Glu Gln Lys Ser Gly Thr Val Leu Arg Arg Ala Val Glu Gln Cys
            20   25   30

Leu Asn Arg Ser Leu Tyr Arg Pro Asp Ala Val Ala Gln Pro Val Thr
        35   40   45

Glu Asn Glu Phe
    50

<210> 231
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K378R"

<400> 231
Val Ala Gln Pro Val Thr Glu Asn Glu Phe Ser Leu Glu Ser Glu Ile
1   5   10   15

Ile Ser Lys Leu Tyr Ile Pro Lys Arg Arg Arg Ile Ile Ser Pro Arg
            20   25   30

Ser Ile Lys Asp Val Leu Pro Pro Val Glu Glu Ala Val Asp Arg Cys
        35   40   45

Leu Tyr Leu Leu
    50

<210> 232
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D1014Y"

<400> 232
Ser Glu Lys Pro Pro Gly Leu Lys Ala Thr Ser Asp Glu Lys Asp Ser
1   5   10   15

Val Leu Asn Ile Ala Arg Gly Lys Lys Tyr Tyr Gly Glu Lys Thr Arg
            20   25   30

Thr Val Ser Ser Gln Lys Pro Pro Thr Leu Lys Ala Thr Ser Asp Glu
        35   40   45

Glu Asp Ser Val
    50

<210> 233
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M1144T"

<400> 233
Lys Ser Arg Thr Val Ser Ser Pro Lys Gln Pro Ala Leu Lys Ala Ile
1   5   10   15

Cys Asp Lys Glu Asp Ser Val Pro Asn Thr Thr Ala Thr Glu Lys Lys
            20   25   30

Asp Glu Gln Ile Ser Gly Thr Val Ser Cys Gln Lys Gln Pro Ala Leu
        35   40   45

Lys Ala Thr Ser
    50

<210> 234
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H438R"

<400> 234
Leu Glu Lys Asp Thr Ile Lys Asn Gln Asn Leu Glu Lys Lys Tyr Leu
1   5   10   15

Lys Asp Phe Glu Ile Val Lys Arg Lys Arg Arg Glu Asp Leu Gln Lys
            20   25   30

Ala

<210> 235
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.V637M"

<400> 235
Trp Thr Ala Leu Arg Ser Ala Ala Trp Gly Gly His Thr Glu Val Val
1   5   10   15

Ser Ala Leu Leu Tyr Ala Gly Val Lys Met Met Asp Cys Ala Asp Ala
            20   25   30

Asp Ser Arg Thr Ala Leu Arg Ala Ala Ala Trp Gly Gly His Glu Asp
        35   40   45

Ile Val Leu Asn
    50

<210> 236
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R479C"

<400> 236
Thr Gln His Gln Met Arg Val Leu Asp Lys Leu Met Val Glu Arg Leu
1   5   10   15

Ser Ala Glu Arg Thr Glu Cys Leu Asn Cys Cys Leu Gln Gln His Ser
            20   25   30

Asp Thr Glu Lys His Glu Gly Glu Lys Arg Gln Ile Ser Leu Val Asp
        35   40   45

Glu Leu Lys Thr
    50

<210> 237
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R334C"

<400> 237
Pro Leu His Asp Gly Glu Tyr Asp Ser Pro Glu Asp Asp Met Asn Asp
1   5   10   15

Arg Lys Leu Leu Tyr Gln Glu Trp Ala Cys Cys Tyr Gly Val Phe Tyr
            20   25   30

Lys Phe Gln Pro Ile Asp Leu Ile Arg Lys Tyr Phe Gly Glu Lys Ile
        35   40   45

Gly Leu Tyr Phe
    50

<210> 238
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A41S"

<400> 238
Gly Met Asn Ile Ser Lys Ser Glu Ile Thr Lys Glu Thr Ser Leu Lys
1   5   10   15

Pro Ser Arg Arg Ser Leu Pro Cys Leu Ser Ser Gln Ser Tyr Ala Tyr
            20   25   30

Ser Lys Ser Leu Ser Gln Ser Thr Ser Leu Phe Gln Ser Thr Glu Ser
        35   40   45

Glu Ser Gln Ala
    50

<210> 239
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.M956I"

<400> 239
Ile Ala Tyr Leu Ile Pro Asp Val Pro Lys Gly Leu His Asp Arg Ile
1   5   10   15

Arg Arg Glu Lys Tyr Leu Val Gln Glu Ile Ile Met Tyr Glu Ala Glu
            20   25   30

Leu Glu His Leu Gln Gln Gln Arg Arg Lys Ser Gly Gln Pro Val His
        35   40   45

His Glu Trp Pro
    50

<210> 240
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R231Q"

<400> 240
Arg Ser Lys Gln His Leu Arg Leu Val Phe Asp Glu Tyr Leu Lys Thr
1   5   10   15

Thr Gly Lys Pro Ile Glu Ala Ser Ile Gln Gln Gly Glu Leu Ser Gly
            20   25   30

Asp Phe Glu Lys Leu Met Leu Ala Val Val Lys Cys Ile Arg Ser Thr
        35   40   45

Pro Glu Tyr Phe
    50

<210> 241
<211> 84
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.L79fs"

<400> 241
Gln Ser Gln Leu Phe Ala Asp Leu Ser Arg Glu Glu Leu Thr Ala Val
1   5   10   15

Met Arg Phe Leu Thr Gln Arg Leu Gly Ala Arg Ala Gly Gly Cys Ser
            20   25   30

Pro Gly Pro Ala Leu Gly Gln Leu Cys Leu Leu Ser Gly Val Ala Ala
        35   40   45

Ala Ser Gln Gly Cys Ser Pro Gly Ser Leu Gly Gln Gly Glu Pro Pro
    50   55   60

Thr Cys Pro Gly Gly Thr Gly His Arg Leu Leu Trp Gln Ala Thr Pro
65   70   75   80

Ala Gln Arg Glu

<210> 242
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A507V"

<400> 242
Gly Arg His Trp Asn Glu Gln Met Leu Asp Ile Ala Cys Arg Leu Ile
1   5   10   15

Leu Asn Glu Val Ser Leu Leu Gly Ser Val Val Pro Gly Gly Lys Val
            20   25   30

Glu Phe Lys Arg Thr Leu Ile Ile Ser Phe Leu Phe Lys Phe Tyr Leu
        35   40   45

Glu Val Ser Gln
    50

<210> 243
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R723L"

<400> 243
Asn Asp Ile Ala Ala Gly Ile Pro Ser Ile Thr Ala Tyr Ser Lys Asn
1 5 10 15

Gly Leu Lys Ile Glu Phe Thr Phe Glu Leu Leu Ser Asn Thr Asn Pro
20 25 30

Ser Val Thr Val Ile Thr Ile Gln Ala Ser Asn Ser Thr Glu Leu Asp
35 40 45

Met Thr Asp Phe
50

<210> 244
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D243N"

<400> 244
Pro Gln Leu Val His Ile Leu Arg Thr Leu Val Thr Met Gly Tyr Ser
1 5 10 15

Thr Glu His Ser Ile Ser Gly Val Ser Asn Asn Pro Phe Leu Gln Val
20 25 30

Gln Ile Leu Arg Leu Leu Arg Ile Leu Gly Arg Asn His Glu Glu Ser
35 40 45

Ser Glu Thr Met
50

<210> 245
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K41fs"

<400> 245
Leu Ser Lys Phe Tyr Gln Pro Tyr Ser Glu Asp Thr Gln Gln Gln Ile
1 5 10 15

Ile Arg Glu Thr Phe His Leu Val Ser Glu Met Lys Met Phe Val Ile
20 25 30

Ser

<210> 246
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R276W"

<400> 246
Val Val Met Gly Ala Thr Lys Leu Phe Leu Ile Leu Ala Lys Met Phe
1 5 10 15

Pro His Val Gln Thr Asp Val Leu Val Trp Trp Val Lys Gly Pro Leu
20 25 30

Leu Ala Ala Cys Ser Ser Glu Ser Arg Glu Leu Cys Phe Val Ala Leu
35 40 45

Cys His Val Arg
50

<210> 247
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E624K"

<400> 247
Leu Ile Ala Gln Ser Ile Gly Gln Ala Phe Ser Val Ala Tyr Gln Glu
1   5   10   15

Phe Leu Arg Ala Asn Gly Ile Asn Pro Lys Lys Asp Leu Ser Gln Lys
            20   25   30

Glu Tyr Ser Asp Leu Leu Asn Thr Gln Asp Met Tyr Asn Asp Asp Leu
        35   40   45

Ile His Phe Ser
    50

<210> 248
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K730N"

<400> 248
Gln Ile Met Ser Ile Asn Gly Thr Ser Leu Val Gly Leu Pro Leu Ser
1   5   10   15

Thr Cys Gln Ser Ile Ile Lys Gly Leu Asn Asn Asn Gln Ser Arg Val
            20   25   30

Lys Leu Asn Ile Val Arg Cys Pro Pro Val Thr Thr Val Leu Ile Arg
        35   40   45

Arg Pro Asp Leu
    50

<210> 249
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T243fs"

<400> 249
Glu Asp Gly Gln Val Ala Thr Val Ser Ser Ser Pro Glu Thr Lys Lys
1   5   10   15

Asp His Pro Lys Thr Gly Ala Lys Thr Arg Leu Cys Thr Ala Pro Asp
            20   25   30

Pro Glu Pro Gly Thr Glu Arg
        35

<210> 250
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E847fs"

<400> 250
Pro Tyr Leu Asn Thr Thr Val Leu Pro Ser Ser Ser Ser Ser Arg Gly
1   5   10   15

Ser Leu Asp Ser Ser Arg Ser Glu Lys Ile Glu Val Trp Arg Glu Asn
            20   25   30

Ala Glu Leu Val
        35

<210> 251
<211> 84
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F1354fs"

<400> 251
Pro Arg Thr Lys Ser Ser Arg Leu Gln Gly Ser Ser Leu Ser Ser Glu

1 5 10 15

Ser Ala Arg His Lys Ala Val Glu Phe Leu Gln Glu Arg Asn Leu Pro
20 25 30

Pro Lys Val Val Leu Arg His Pro Lys Val His Leu Asn Thr Met Phe
35 40 45

Arg Arg Pro His Ser Cys Leu Ala Asp Val Leu Leu Ser Val His Leu
50 55 60

Ile Val Leu Arg Val Val Arg Leu Pro Ala Pro Phe Arg Val Asn His
65 70 75 80

Ala Val Glu Trp

<210> 252
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A43V"

<400> 252
Leu Leu Leu Leu Leu Ala Gly Ala Arg Ala Glu Glu Glu Met Leu Glu
1 5 10 15

Asn Val Ser Leu Val Cys Pro Lys Asp Val Val Thr Arg Phe Lys His
20 25 30

Leu Arg Lys Tyr Thr Tyr Asn Tyr Glu Ala Glu Ser Ser Ser Gly Val
35 40 45

Pro Gly Thr Ala
50

<210> 253
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L973M"

<400> 253
Thr Lys Thr Glu Val Ile Pro Pro Leu Ile Glu Asn Arg Gln Ser Trp
1   5   10   15

Ser Val Cys Lys Gln Val Phe Pro Gly Met Met Asn Tyr Cys Thr Ser
            20   25   30

Gly Ala Tyr Ser Asn Ala Ser Ser Thr Asp Ser Ala Ser Tyr Tyr Pro
        35   40   45

Leu Thr Gly Asp
    50

<210> 254
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F3102L"

<400> 254
Phe Leu Ser Pro Ser Ala Gln Gln Ala Ser Trp Gln Val Ser Ala Arg
1   5   10   15

Phe Asn Gln Tyr Lys Tyr Asn Gln Asn Leu Leu Ser Ala Gly Asn Asn
            20   25   30

Glu Asn Ile Met Glu Ala His Val Gly Ile Asn Gly Glu Ala Asn Leu
        35   40   45

Asp Phe Leu Asn
    50

<210> 255
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R3136C"

<400> 255
Met Glu Ala His Val Gly Ile Asn Gly Glu Ala Asn Leu Asp Phe Leu
1   5   10   15

Asn Ile Pro Leu Thr Ile Pro Glu Met Cys Cys Leu Pro Tyr Thr Ile
            20   25   30

Ile Thr Thr Pro Pro Leu Lys Asp Phe Ser Leu Trp Glu Lys Thr Gly
        35   40   45

Leu Lys Glu Phe
    50

<210> 256
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R840L"

<400> 256
Ser Gln Val Glu Ala Phe Glu Ser Arg Glu Gly Gly Pro Trp Gly Gly
1   5   10   15

Arg Val Glu Ala Glu Glu Ser Ala Gly Leu Val Glu Asp Ser Cys Gly
            20   25   30

Leu Asp Pro Ala Gly Ser Gln Thr Ala Arg Ala Glu Gly Met Gly Ala
        35   40   45

Met Val Glu Ala
    50

<210> 257
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S115L"

<400> 257
Ile Glu Gly Glu Ala Thr Pro Val Asn Leu Thr Glu Pro Ala Lys Leu
1   5   10   15

Glu Val Lys Phe Ser Trp Phe Met Pro Leu Leu Ala Pro Tyr Trp Ile
            20   25   30

Leu Ala Thr Asp Tyr Glu Asn Tyr Ala Leu Val Tyr Ser Cys Thr Cys
        35   40   45

Ile Ile Gln Leu
    50

<210> 258
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.C130R"

<400> 258
Glu Glu Thr Arg Ala Arg Leu Ser Lys Glu Leu Gln Ala Ala Gln Ala
1   5   10   15

Arg Leu Gly Ala Asp Met Glu Asp Val Arg Arg Gly Arg Leu Val Gln
            20   25   30

Tyr Arg Gly Glu Val Gln Ala Met Leu Gly Gln Ser Thr Glu Glu Leu
        35   40   45

Arg Val Arg Leu
    50

<210> 259
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I138L"

<400> 259
Pro Lys Met Gly Val Ile Thr Val Ser Gly Leu Ala Gly Leu Val Ser
1   5   10   15

Ala Arg Lys Gly Ser Lys Phe Lys Lys Leu Leu Thr Tyr Pro Leu Gly
            20   25   30

Leu Ala Thr Leu Gly Ala Thr Val Cys Tyr Pro Val Gln Ser Val Ile
        35   40   45

Ile Ala Lys Val
    50

<210> 260
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R668W"

<400> 260
Glu Arg Val Lys Glu Lys Gln Gln Lys Glu Leu Asn Lys Gln Lys Gln
1   5   10   15

Ile Glu Lys Asp Leu Glu Glu Gln Ser Trp Trp Leu Ile Ala Ala Ser
            20   25   30

Ser Arg Pro Asn Gln Ala Ser Ser Glu Gly Gln Phe Val Val Leu Ser
        35   40   45

Ser Ser Gln Ser
    50

<210> 261
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q261L"

<400> 261
Ser Ala Gly Asn Gly Trp Trp Trp Val Pro Val Val Ala Pro Leu Val
1   5   10   15

Gly Ala Thr Val Gly Thr Ala Thr Tyr Leu Leu Leu Leu Val Ala Leu
            20   25   30

His His Pro Glu Gly Pro Glu Pro Ala Gln Asp Leu Val Ser Ala Gln
        35   40   45

His Lys Ala Ser
    50

<210> 262
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N68T"

<400> 262
Gln Ile Ala Met Ala Phe Gly Leu Gly Ile Gly Thr Leu Val Gln Ala
1   5   10   15

Leu Gly His Ile Ser Gly Ala His Ile Thr Thr Pro Ala Val Thr Val
            20   25   30

Ala Cys Leu Val Gly Cys His Val Ser Val Leu Arg Ala Ala Phe Tyr
        35   40   45

Val Ala Ala Gln
    50

<210> 263
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A309T"

<400> 263
Lys Glu Asp Val Asn Gly Ser Lys Trp Thr Val Thr Thr Phe Ser Thr
1   5   10   15

Thr Pro His Met Pro Thr Tyr Leu Val Thr Thr Phe Val Ile Cys Asp
            20   25   30

Tyr Asp His Val Asn Arg Thr Glu Arg Gly Lys Glu Ile Arg Ile Trp
        35   40   45

Ala Arg Lys Asp
    50

<210> 264
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R1226L"

<400> 264
Ala Ser Leu Leu Leu Lys Lys Val Pro Leu Ala Gln Ala Gly Cys Leu
1   5   10   15

Phe Thr Gly Ile Arg Arg Glu Ser Pro Leu Leu Val Gly Leu Leu Arg
            20   25   30

Cys Arg Glu Glu Pro Pro Arg Leu Leu Gly Ser Arg Phe Gln Glu Arg
        35   40   45

Phe Phe Leu Leu
    50

<210> 265
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R149H"

<400> 265
Phe Ala Asn Lys Gln Asp Leu Pro Asn Ala Met Ala Ile Ser Glu Met
1   5   10   15

Thr Asp Lys Leu Gly Leu Gln Ser Leu His His Asn Arg Thr Trp Tyr
            20   25   30

Val Gln Ala Thr Cys Ala Thr Gln Gly Thr Gly Leu Tyr Glu Gly Leu
        35   40   45

Asp Trp Leu Ser
    50

<210> 266
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S38N"

<400> 266
Leu Phe Lys Arg Leu Arg Ala Val Pro Thr Asn Lys Ala Cys Phe Asp
1   5   10   15

Cys Gly Ala Lys Asn Pro Ser Trp Ala Asn Asn Ile Thr Tyr Gly Val
            20   25   30

Phe Leu Cys Ile Asp Cys Ser Gly Val His Arg Ser Leu Gly Val His
        35   40   45

Leu Ser Phe Ile
    50

<210> 267
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N299fs"

<400> 267
Ser Leu Arg Leu Ala Tyr Lys Asp Leu Glu Ile Gln Met Lys Lys Asp
1   5   10   15

Glu Lys Met Asn Ile Ser Gly Lys Lys Met Leu Thr Gln Thr Asp Ser
            20   25   30

Ala Trp Asp Leu Glu Ile Ala Glu Val Leu Phe His Ile Gln
        35   40   45

<210> 268
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P1552fs"

<400> 268
Leu Asp Ile Phe Lys Thr Thr Ile Pro His Ala Leu Leu Thr Trp Arg
1   5   10   15

Pro Asn Ser Gly Glu Thr Ala Pro Pro Thr Ser Ile Ser Cys Lys
            20   25   30

<210> 269
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D1632N"

<400> 269
Lys Phe Pro Glu Gln Lys Leu Phe Ala Ala Leu Leu Ile Lys Cys Val
1   5   10   15

Val Gln Leu Glu Leu Ile Gln Thr Ile Asn Asn Asn Ile Val Phe Phe

20 25 30

Pro Ala Thr Ser Lys Lys Glu Asp Ala Glu Asn Leu Ala Ala Ala Gln
35 40 45

Arg Asp Ala Val
50

<210> 270
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R86L"

<400> 270
Gly Leu Ile Pro Thr Gly Ser Gly Arg His Pro Ser His Ser Thr Thr
1 5 10 15

Pro Ser Gly Pro Gly Asp Glu Val Ala Leu Leu Gly Ile Ala Gly Glu
20 25 30

Lys Phe Asp Ile Val Lys Lys Trp Gly Ile Asn Thr Tyr Lys Cys Thr
35 40 45

Lys Gln Leu Leu
50

<210> 271
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T35A"

<400> 271
Asn Pro Gln Gln Gly Gln Gly Arg Gln Asn Ala Ile Lys Cys Gly Trp
1 5 10 15

Leu Arg Lys Gln Gly Gly Phe Val Lys Ala Ala Trp His Thr Arg Trp

20 25 30

Phe Val Leu Lys Gly Asp Gln Leu Tyr Tyr Phe Lys Asp Glu Asp Glu
35 40 45

Thr Lys Pro Leu
50

<210> 272
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1253K"

<400> 272
Leu Glu Phe Ala Asp Lys Ser Pro Thr Pro Pro Asn Leu Pro Ser Asp
1 5 10 15

Lys Ile Tyr Pro Pro Ser Gly Ser Pro Lys Lys Glu Asn Thr Ser Thr
20 25 30

Ala Thr Met Thr Tyr Met Thr Thr Thr Pro Ala Thr Ala Gln Met Ser
35 40 45

Thr Lys Glu Ala
50

<210> 273
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R128C"

<400> 273
Gly Gln Gln Arg Ala Val Ser His Lys Thr Phe Gly Ile Ser Leu Glu
1 5 10 15

Glu Val Leu Val Asn Glu Phe Thr Arg Cys Cys Lys His Leu Glu Leu

20 25 30

Thr Ala Thr Met Gln Val Glu Glu Ala Thr Gly Gln Ala Ala Gly Arg
35 40 45

Arg Arg Gly Asn
50

<210> 274
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A147V"

<400> 274
Val Asn Glu Phe Thr Arg Arg Lys His Leu Glu Leu Thr Ala Thr Met
1 5 10 15

Gln Val Glu Glu Ala Thr Gly Gln Ala Val Val Gly Arg Arg Arg Gly
20 25 30

Asn Val Val Arg Arg Val Phe Gly Arg Ile Arg Arg Phe Phe Ser Arg
35 40 45

Arg Arg Asn Glu
50

<210> 275
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P16H"

<400> 275
Met Gly Gly Cys Ile Pro Phe Leu Lys Ala Ala Arg Ala Leu Cys His
1 5 10 15

His Arg Ile Met Pro Pro Leu Leu Leu Leu Ser Ala Phe Ile Phe Leu

20 25 30

Val Ser Val Leu Gly Gly Ala Pro Gly His
35 40

<210> 276
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M691L"

<400> 276
Glu Ser Leu Ser Phe Ile Gly Glu Phe Ile Gly Lys Ile Arg Thr Glu
1 5 10 15

Ala Ser Gln Ile Arg Lys Asp Lys Tyr Leu Leu Ala Asn Leu Pro Phe
20 25 30

Thr Leu Ile Leu Ala Asn Gln Arg Asp Ser Ile Ser Lys Asn Leu Pro
35 40 45

Ile Leu Arg His
50

<210> 277
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D890fs"

<400> 277
Arg Ala Phe Leu Ser Glu Val Gln Asp Thr Ile Pro Val Gln Leu Val
1 5 10 15

Ala Val Thr Asp Ser Gln Ala Asp Phe Leu Lys Met Arg Leu Ser Lys
20 25 30

Ser

<210> 278
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R137C"

<400> 278
Gln Gln Val Ser Leu Ala Glu Gly Asp Arg Phe Leu Leu Leu Arg Lys
1 5 10 15

Thr Asn Ser Asp Trp Trp Leu Ala Arg Cys Cys Leu Glu Ala Pro Ser
20 25 30

Thr Ser Arg Pro Ile Phe Val Pro Ala Ala Tyr Met Ile Glu Glu Ser
35 40 45

Ile Pro Ser Gln
50

<210> 279
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A615fs"

<400> 279
Val Gln Glu Ala Arg Gln Val Phe Glu Lys Ile Gln Arg Met Gly Ala
1 5 10 15

Gln Gln Asp Asp Gly Ser Asp Ala Pro Leu Glu Ala Leu Thr Gly Gln
20 25 30

Gly Met

<210> 280

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E487G"

<400> 280
Pro Ile Ser Leu Leu Gly Ser Phe Leu Thr Glu Glu Ser Pro Asp Lys
1 5 10 15

Glu Ile Asp Gln Asn Ser Gln Gln Glu Gly Gly Ser Arg Leu Arg Lys
20 25 30

Gly Thr Val Ser Ser Gln Gly Thr Glu Val Val Phe Ala Ser Ala Ser
35 40 45

Val Thr Pro Pro
50

<210> 281
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S1512fs"

<400> 281
Glu Lys Leu Arg Trp Ile Ser Ala Leu Ala Met Pro Arg Glu Glu Leu
1 5 10 15

Asp Leu Leu Glu Cys Tyr Asn Ser Pro Arg Tyr Ser Ala Phe Glu Pro
20 25 30

Thr Ser Pro Glu Arg Met Met Asn Trp His Trp Arg Lys Pro Thr Trp
35 40 45

<210> 282
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S614L"

<400> 282
Gln Thr Ala Tyr Ser Gln Gln Arg Phe Pro Pro Gln Glu Leu Ser
1 5 10 15

Gln Asp Ser Phe Gly Ser Gln Ala Ser Leu Leu Ala Pro Ser Met Thr
20 25 30

Ser Ser Lys Gly Gly Gln Glu Asp Met Asn Leu Ser Leu Gln Ser Arg
35 40 45

Pro Ser Ser Leu
50

<210> 283
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K1071fs"

<400> 283
Lys Pro Leu Asp Leu Tyr Arg Leu Tyr Val Ser Val Lys Glu Ile Gly
1 5 10 15

Gly Leu Thr Gln Val Asn Lys Asn Lys Asn Gly Gly Asn Leu Gln Pro
20 25 30

Thr Ser Met Trp Ala His Gln Ala Val Leu Pro Ala Pro
35 40 45

<210> 284
<211> 179
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y1324fs"

<400> 284
Ser Thr Gly Ala Pro Gln Pro Asn Leu Met Pro Ser Asn Pro Asp Ser
1   5   10   15

Gly Met Tyr Ser Pro Ser Arg Tyr Pro Arg Ser Ser Ser Ser Ser Ser
            20   25   30

Ser Asn Asp Met Ile Pro Met Ala Ile Ser Ser Pro Pro Lys Ala Pro
        35   40   45

Leu Leu Ala Ala Pro Ser Pro Ala Ser Arg Leu Gln Cys Ile Asn Ser
    50   55   60

Asn Ser Arg Ile Thr Ser Gly Gln Trp Met Ala His Met Ala Leu Leu
65   70   75   80

Pro Ser Gly Thr Lys Gly Arg Cys Thr Ala Cys His Thr Ala Leu Gly
                85   90   95

Arg Gly Ser Leu Ser Ser Ser Ser Cys Pro Gln Pro Ser Pro Ser Leu
            100   105   110

Pro Ala Ser Asn Lys Leu Pro Ser Leu Pro Leu Ser Lys Met Tyr Thr
        115   120   125

Thr Ser Met Ala Met Pro Ile Leu Pro Leu Pro Gln Leu Leu Leu Ser
    130   135   140

Ala Asp Gln Gln Ala Ala Pro Arg Thr Asn Phe His Ser Ser Leu Ala
145   150   155   160

Glu Thr Val Ser Leu His Pro Leu Ala Pro Met Pro Ser Lys Thr Cys
                165   170   175

His His Lys

<210> 285
<211> 57
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G1848fs"

<400> 285
Val Asp Cys Ser Asp Lys Leu Gly Arg Val Gln Glu Phe Asp Ser Gly
1   5   10   15

Leu Leu His Trp Arg Ile Gly Gly Gly Thr Pro Leu Ser Ile Ser Arg
            20   25   30

Pro Thr Ser Arg Ala Arg Gln Ser Cys Cys Leu Pro Gly Leu Thr His
        35   40   45

Pro Ala His Gln Pro Leu Gly Ser Met
    50   55

<210> 286
<211> 83
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P2139fs"

<400> 286
Arg Leu Val Leu Glu Thr Leu Ser Lys Leu Ser Ile Gln Asp Asn Asn
1   5   10   15

Val Asp Leu Ile Leu Ala Thr Pro Pro Ser Ala Ala Trp Arg Ser Cys
            20   25   30

Ile Ala Leu Trp Cys Ala Ser Ser Val Thr Glu Arg Thr Arg Cys Ala
        35   40   45

Gly Arg Trp Leu Trp Tyr Cys Trp Pro Thr Trp Leu Arg Gly Thr Ala
    50   55   60

Trp Gln Leu Val Pro Leu Gln Cys Arg Arg Ala Val Ser Ala Thr Ser
65   70   75   80

Trp Ala Ser

<210> 287

<211> 63
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G550fs"

<400> 287
Asn Gly Ile Met Tyr Thr Gly Val Leu Phe Ala Gln Pro Pro Ala Pro
1 5 10 15

Thr Pro Thr Ser Ala Pro Asn Lys Gly Arg Arg Arg Arg Arg Gln Gln
20 25 30

Gln Gln Arg Arg Arg Pro Gly Arg Lys His Arg Asn Gln Arg Arg Pro
35 40 45

Gly Trp Ala Ser Gly Ala Val His Thr Leu His Ile Tyr Leu Lys
50 55 60

<210> 288
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D1154E"

<400> 288
Leu Asn Val Ser Lys Pro Gln Lys Leu Ala Arg Ser Pro Ala Arg Ile
1 5 10 15

Ser Pro His Ile Lys Asp Gly Glu Lys Glu Glu Lys His Arg Glu Lys
20 25 30

His Pro Asn Ser Ser Pro Arg Thr Tyr Lys Trp Ser Phe Gln Leu Asn
35 40 45

Glu Leu Asp Asn
50

<210> 289

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R358L"

<400> 289
Glu Thr Asp Arg Pro Ser Leu Glu Ser Ala Asn Gly Lys Lys Lys Thr
1 5 10 15

Lys Lys Leu Arg Met Lys Arg Asn His Leu Leu Val Glu Pro Leu Asn
20 25 30

Ile Asp Asp Cys Ala Pro Glu Ser Pro Thr Pro Pro Pro Pro Pro Pro
35 40 45

Pro Val Gly Trp
50

<210> 290
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G6R"

<400> 290
Met Arg Val Ala Gly Arg Arg Arg Ala Leu Ser Arg Gly Ala Glu Leu
1 5 10 15

Arg Val Pro Gly Gly Ala Lys His Gly Met Cys Leu Leu Leu Gly Ala
20 25 30

<210> 291
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M75L"

<400> 291
Gly Val Val Ser Leu Val Phe Leu Ile Ile Tyr Tyr Leu Asp Pro Ser
1   5   10   15

Val Leu Ser Gly Val Ser Cys Phe Val Leu Leu Phe Leu Cys Leu Ala
            20   25   30

Asp Tyr Leu Val Pro Ile Leu Ala Pro Arg Ile Phe Gly Ser Asn Lys
        35   40   45

Trp Thr Thr Glu
    50

<210> 292
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A514T"

<400> 292
Leu Arg Ser Lys Asn Asp Glu Val Arg Lys His Ala Ser Trp Ala Val
1   5   10   15

Met Val Cys Ala Gly Asp Glu Leu Thr Thr Thr Asn Glu Leu Cys Arg
            20   25   30

Leu Gly Ala Leu Asp Ile Leu Glu Glu Val Asn Val Ser Gly Thr Arg
        35   40   45

Lys Asn Lys Phe
    50

<210> 293
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E22K"

<400> 293
Met Gly Val Ala Leu Arg Lys Leu Thr Gln Trp Thr Ala Ala Gly His
1   5   10   15

Gly Thr Gly Ile Leu Lys Lys Ile Thr Pro Leu Asn Glu Ala Ile Leu
            20   25   30

Lys Glu Ile Ile Val Phe Val Glu Ser Phe Ile Tyr Lys His Pro Gln
        35   40   45

<210> 294
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T395M"

<400> 294
Gly Thr Ser Cys Tyr Glu Tyr Phe His Gln Asp Asp Ile Gly His Leu
1   5   10   15

Ala Glu Cys His Arg Gln Val Leu Gln Met Met Arg Glu Lys Ile Thr
            20   25   30

Thr Asn Cys Tyr Lys Phe Lys Ile Lys Asp Gly Ser Phe Ile Thr Leu
        35   40   45

Arg Ser Arg Trp
    50

<210> 295
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.F212L"

<400> 295
Ser Lys Met Pro Phe Gly Gln Leu Met Ser Glu Phe Gly Gly Ser Gly
1   5   10   15

Thr Gly Gly Trp Val His Gly Val Ser Leu Leu Ser Ala Ser Gly Ser
            20   25   30

Arg Leu Ala Trp Val Ser His Asp Ser Thr Val Ser Val Ala Asp Ala
        35   40   45

Ser Lys Ser Val
    50

<210> 296
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R338H"

<400> 296
Ser Ser Ser Glu Asn Glu Leu Lys Trp Ser Asp His Gln Arg Ala Trp
1   5   10   15

Ser Ser Thr Asp Ser Asp Ser Ser Asn His His Asn Leu Lys Pro Ala
            20   25   30

Met Thr Lys Thr Ala Ser Phe Gly Gly Ile Thr Val Leu Thr Arg Gly
        35   40   45

Asp Ser Thr Ser
    50

<210> 297
<211> 100
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.I130fs"

<400> 297
His Asn Val Glu Lys Gln Asp Ile Ala Thr Tyr Tyr Cys Ala Leu Trp
1   5   10   15

Glu Val His Ser Lys Leu Gly Lys Lys Ser Arg Tyr Leu Val Pro Glu
            20   25   30

Gln Ser Leu Ser Leu Gln Ile Asn Asn Leu Met Gln Met Phe Pro Pro
        35   40   45

Ser Pro Leu Phe Phe Phe Leu Gln Leu Leu Lys Gln Ser Ser Arg Arg
    50   55   60

Leu Glu His Thr Phe Val Phe Leu Arg Asn Phe Ser Leu Met Leu Leu
65   70   75   80

Arg Tyr Ile Gly Lys Lys Arg Arg Ala Thr Arg Phe Trp Asp Pro Arg
                85   90   95

Arg Gly Thr Pro
            100

<210> 298
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T99P"

<400> 298
Leu Ser Phe Arg Lys Asp Leu Phe Ile Ala Thr Tyr Gln Ala Phe Pro
1   5   10   15

Pro Val Pro Asn Pro Pro Arg Pro Pro Pro Pro Arg Leu Gln Asp Arg
            20   25   30

Leu Leu Arg Lys Leu Gly Gln His Ala His Pro Phe Phe Phe Thr Val
        35   40   45

Arg Met Pro Leu
    50

<210> 299

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T79A"

<400> 299
Ala Leu Arg Leu Glu Ala Gln Gly Arg Ala Thr Ala Ala Trp Gly Pro
1 5 10 15

Ser Thr Cys Pro Arg Ala Ser Ala Ser Ala Ala Ala Ala Leu Ala Val
20 25 30

Phe Ser Glu Val Glu Tyr Leu Asn Val Arg Leu Ser Leu Arg Glu Pro
35 40 45

Pro Ala Gly Glu
50

<210> 300
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A234G"

<400> 300
Leu Gly Ile Leu Thr Leu Ala Ala Gly Gln Thr Cys Gly Phe Phe Ser
1 5 10 15

Val Ser Ala Arg Ala Val Thr Gly Met Gly Gly Gly Val Gly Cys Leu
20 25 30

Phe Phe Ile Ser Trp Tyr Ser Ser Phe Gly Phe Val Arg Arg Trp Asn
35 40 45

Cys Ile Leu Met
50

<210> 301

<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.AGV234del"

<400> 301
Leu Gly Ile Leu Thr Leu Ala Ala Gly Gln Thr Cys Gly Phe Phe Ser
1 5 10 15

Val Ser Ala Arg Ala Val Thr Gly Met Gly Cys Leu Phe Phe Ile Ser
20 25 30

Trp Tyr Ser Ser Phe Gly Phe Val Arg Arg Trp Asn Cys Ile Leu Met
35 40 45

Arg Asn His Asp Val Thr Glu Gln Pro Met Val
50 55

<210> 302
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V131I"

<400> 302
Phe Ala Val Thr Ser Val Gly Gly Leu Pro Leu Asn Glu Thr Thr Leu
1 5 10 15

Ala Glu Val Leu Gln Gln Ala Gly Tyr Ile Ile Thr Gly Ile Ile Gly
20 25 30

Lys Trp His Leu Gly His His Gly Ser Tyr His Pro Asn Phe Arg Gly
35 40 45

Phe Asp Tyr Tyr
50

<210> 303

<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I243fs"

<400> 303
Ile Trp Thr Cys Leu Gly Ala Pro Ile Lys Gly Tyr Ser Phe Phe Pro
1 5 10 15

Gly Glu Glu Glu Val Leu Ile Pro Pro Leu Arg Pro Ser Lys
20 25 30

<210> 304
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T249A"

<400> 304
Gln His Val Ala Leu Tyr Leu Glu His Gly Ala Asp Val Gly Leu Arg
1 5 10 15

Thr Ser Gln Gly Glu Thr Ala Leu Asn Ala Ala Ala Cys Ala Gly Ala
20 25 30

Glu Gly Pro Gly Ser Cys Arg Arg His Gln Ala Ala Ala Arg Arg Leu
35 40 45

Leu Glu Ala Gly
50

<210> 305
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H207Y"

<400> 305
Gln Glu Glu Val Leu Ala Lys Cys Ser Met Asp His Gly Val Asp Ser
1   5   10   15

Ser Ile Phe Gln Asn Pro Lys Lys Leu Tyr Tyr Leu Thr Ile Gly Met
            20   25   30

Leu Val Leu Leu Ser Glu Glu Glu Ile Gln Gln Thr Cys Glu Met Leu
        35   40   45

Gln Gln Cys Lys
    50

<210> 306
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R365L"

<400> 306
Cys Asp Asn Ile Gln Gly Phe Ile Glu Glu Phe Leu Gln Ile Phe Ser
1   5   10   15

Ser Leu Leu Gln Glu Lys Arg Phe Leu Leu Leu Asp Tyr Asp Ala Leu
            20   25   30

Phe Pro Val Ala Glu Asp Ile Ser Leu Leu Gln Gln Ala Ser Ser Val
        35   40   45

Leu Asp Glu Thr
    50

<210> 307
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R1197Q"

<400> 307
Val Lys Gln Cys Val His Gln Ile Pro Ser Val Met Met Glu Ala Ser
1   5   10   15

Ile Gln Pro Ile Thr Arg Thr Val Leu Gln Gln Val Thr Leu Ser Ile
            20   25   30

Tyr Ala Asp Phe Thr Trp Asn Asp Gln Val His Gly Thr Val Gly Glu
        35   40   45

Pro Trp Trp Ile
    50

<210> 308
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R136Q"

<400> 308
Glu Thr Lys Ala Ile Lys Gln Met Phe Gly Pro Phe Pro Ser Ser Ser
1   5   10   15

Ala Thr Ala Ala Cys Asn Ala Thr Asn Gln Gln Ile Ile Ser His Phe
            20   25   30

Ser Gln Asp Asp Leu Thr Ala Leu Val Gln Met Thr Glu Lys Glu His
        35   40   45

Gly Asp Arg Val
    50

<210> 309
<211> 77
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D35fs"

<400> 309
Ala Leu Pro Tyr Ser Leu Arg Thr Ala Pro Leu Gly Val Pro Gly Thr
1   5   10   15

Leu Pro Gly Leu Pro Arg Arg Asp Pro Ser Gly Ser Pro Cys Val Trp
            20   25   30

Thr Pro Arg Ala Gly Ser Gly Arg Ala Ala Ala Ala His Gly Asp Gly
        35   40   45

Ser Thr Cys Pro Cys Arg Trp Thr Ala Pro Ser Ser Pro Pro Ser Ser
    50   55   60

Ala Ser Ala Thr Ser Ala Ser Gly Ser Gly Cys Ala Ala
65   70   75

<210> 310
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R46L"

<400> 310
Arg Met Ala Arg Glu Glu Pro Ala Pro Ala Ala Leu Ala Ala Ala Gly
1   5   10   15

Gln Pro Gly Gly Gly Arg Gly Gly Glu Leu Leu Ala Leu Gln Gly Pro
            20   25   30

Gly Val Ala Arg Arg Gly Arg Pro Ser Leu Ser Arg Ala Lys Leu His
        35   40   45

Gly Leu Arg His
    50

<210> 311
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q266R"

<400> 311
Ala Val His Thr Arg Arg Glu Asn Pro Ala Glu Pro Gly Ala Val Thr
1 5 10 15

Gly Ser Ala Thr Val Thr Ala Phe Trp Arg Arg Ser Leu Leu Ala Cys
20 25 30

Cys Gln Leu Pro Ser Arg Pro Gly Ile His Leu Cys
35 40

<210> 312
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S240F"

<400> 312
Glu Glu Asn Lys Ile Pro Ile Ser Pro Ile Ser Pro Ala Phe Asn Glu
1 5 10 15

Cys His Gly Ala Thr Cys Leu Pro Leu Phe Phe Val Arg Arg Ser Thr
20 25 30

Thr Tyr Ser Ser Leu His Ala Ser Glu Asn Arg Glu Leu Leu Asn Val
35 40 45

His Ser Ala Asn
50

<210> 313
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F67fs"

<400> 313
Asp Asp Asp Asp Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro
1   5   10   15

Thr Arg Glu Pro Arg Ser His Phe Phe His Leu Ile Cys Phe Gln Cys
            20   25   30

Val His Leu Asp Val Ser Ala Ile His Glu Leu Tyr Ile Ala Gln Ile
        35   40   45

<210> 314
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L221del"

<400> 314
Glu Ile Val Glu Glu Gln Met His Ile Leu His Ile Ser Val Met Gly
1   5   10   15

Gly Leu Ile Ala Leu Leu Leu Leu Leu Val Phe Thr Val Ala Leu Tyr
            20   25   30

Ala Gln Arg Arg Trp Gln Lys Arg Arg Arg Ile Pro Gln Lys Ser Ala
        35   40   45

Ser Thr Glu Ala Thr
    50

<210> 315
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S1081L"

<400> 315
Glu Gly Leu Ser Lys Ala Thr Gln Asp Gln Ile Leu Gln Thr Leu Ile
1 5 10 15

Gln Arg Val Arg Arg Gln Asn Leu Leu Leu Leu Val Val Pro Pro Ser
20 25 30

Gln Phe Asn Phe Ala His Ser Gly Phe Gln Leu Glu Asp Ile Ser Thr
35 40 45

Ser Gln Arg Phe
50

<210> 316
<211> 83
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E873fs"

<400> 316
Ser Ile Pro Glu Leu Ala Ser Thr Glu Met Ile Lys Val Lys Asn His
1 5 10 15

Ser Val Leu Gln Arg Thr Glu Lys Lys Cys Tyr Leu His His Trp Asn
20 25 30

Tyr Leu Ser Phe Leu Lys Gly Gln Ile Ile Arg Glu Met Ser Phe His
35 40 45

Leu Leu Asn Tyr Arg Thr Ser Asn Ile Ser His Gln Trp Ile Arg Leu
50 55 60

His Phe Gln Lys Ala Leu Glu Ile Lys His Ile Ser Lys Gly Val His
65 70 75 80

Arg Val Gly

<210> 317
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P1470Q"

<400> 317
Asn Arg Ala Asp Asn Ser Gly Lys Pro Gln Gln Pro Pro Gly Gly Phe
1 5 10 15

Ala Pro Ala Ala Ile Asn Arg Ser Ile Gln Gln Cys Lys Val Ile Val
20 25 30

Asp His Ser Thr Thr Leu Thr Ser Ser Leu Ser Leu Thr Val Ser Val
35 40 45

Glu Ser Ser Glu
50

<210> 318
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I305V"

<400> 318
Glu Ile Pro Asp Ser Thr Met Ser Ile Cys Val Pro Ser Glu Thr Val
1 5 10 15

Asp Glu Ile Val Lys Ser Gly Tyr Ile Val Gly Glu Ser Glu Asn Ser
20 25 30

Glu Ile Ser Gln Gln Val Arg Phe Lys Thr Val Thr Val Leu Ala Gln
35 40 45

Val His Pro Ile
50

<210> 319
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S800F"

<400> 319
Ser Leu Arg Asn Met Met Gln Leu Cys Thr Arg Cys Leu Ser Asn Cys
1 5 10 15

Thr Lys Lys Ser Pro Asn Lys Ile Ala Phe Phe Gly Phe Phe Leu Arg
20 25 30

Leu Leu Thr Ser Lys Leu Met Asn Asp Ile Ala Asp Ile Cys Lys Ser
35 40 45

Leu Ala Ser Phe
50

<210> 320
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L1304I"

<400> 320
Cys Asn Ser Pro Thr Asn Pro Tyr Trp Val Met Glu Gly Gln Leu Ser
1 5 10 15

Asn Pro Thr Phe Tyr Leu Val Cys Phe Ile Ile Thr Pro Val Val Ala
20 25 30

Leu Leu Pro Arg Tyr Phe Phe Leu Ser Leu Gln Gly Thr Cys Gly Lys
35 40 45

Ser Leu Ile Ser
50

<210> 321
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R311H"

<400> 321
Ala Val Val Gly Ile Val Val Tyr Ala Gly His Glu Thr Lys Ala Met
1 5 10 15

Leu Asn Asn Ser Gly Pro Arg Tyr Lys His His Ser Lys Leu Glu Arg
20 25 30

Arg Ala Asn Thr Asp Val Leu Trp Cys Val Met Leu Leu Val Ile Met
35 40 45

Cys Leu Thr Gly
50

<210> 322
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R858C"

<400> 322
Leu Gly Thr Asp Ile Ile Pro Ser Ile Ala Leu Ala Tyr Glu Lys Ala
1 5 10 15

Glu Ser Asp Ile Met Asn Arg Lys Pro Cys Cys His Lys Asn Lys Asp
20 25 30

Arg Leu Val Asn Gln Pro Leu Ala Val Tyr Ser Tyr Leu His Ile Gly
35 40 45

Leu Met Gln Ala
50

<210> 323
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G704C"

<400> 323
Val Glu Pro Ser His Lys Ser Lys Ile Val Glu Tyr Leu Gln Ser Tyr
1 5 10 15

Asp Glu Ile Thr Ala Met Thr Gly Asp Cys Cys Val Asn Asp Ala Pro
20 25 30

Ala Leu Lys Lys Ala Glu Ile Gly Ile Ala Met Gly Ser Gly Thr Ala
35 40 45

Val Ala Lys Thr
50

<210> 324
<211> 63
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R819fs"

<400> 324
Leu Val Thr Asp Gly Leu Pro Ala Thr Ala Leu Gly Phe Asn Pro Pro
1 5 10 15

Asp Leu Asp Ile Met Asp Arg Pro Pro Pro Glu Pro Gln Gly Ala Pro
20 25 30

His Gln Trp Leu Ala Leu Leu Pro Leu His Gly Asn Arg Gly Leu Cys
35 40 45

Gly Cys Ser His Arg Gly Ser Ser Cys Leu Val Val Pro Val Arg
50 55 60

<210> 325
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R183H"

<400> 325
Ser Val Ile Ile Val Val Leu Val Thr Ala Phe Asn Asp Trp Ser Lys
1 5 10 15

Glu Lys Gln Phe Arg Gly Leu Gln Cys His His Ile Glu Gln Glu Gln
20 25 30

Lys Phe Ser Ile Ile Arg Asn Gly Gln Leu Ile Gln Leu Pro Val Ala
35 40 45

Glu Ile Val Val
50

<210> 326
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E724K"

<400> 326
Gly Thr Asp Val Cys Lys Glu Ala Ala Asp Met Ile Leu Val Asp Asp
1 5 10 15

Asp Phe Gln Thr Ile Met Ser Ala Ile Lys Lys Glu Gly Lys Gly Ile
20 25 30

Tyr Asn Asn Ile Lys Asn Phe Val Arg Phe Gln Leu Ser Thr Ser Ile
35 40 45

Ala Ala Leu Thr
50

<210> 327
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E119Q"

<400> 327
Ile Ser Tyr Pro Leu Glu Asn Ala Val Pro Phe Ser Leu Asp Ser Val
1 5 10 15

Ala Asn Ser Ile His Ser Leu Phe Ser Gln Gln Glu Thr Pro Val Val
20 25 30

Leu Gln Leu Ala Pro Ser Glu Glu Arg Val Tyr Met Val Gly Lys Ala
35 40 45

Asn Ser Val Phe
50

<210> 328
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R191Q"

<400> 328
Met Thr Gly Lys Leu Gly Phe Ile Ala Gly Val Ile Asn Arg Glu Arg
1 5 10 15

Met Ala Ser Phe Glu Arg Leu Leu Trp Gln Gln Ile Cys Arg Gly Asn
20 25 30

Val Tyr Leu Lys Phe Ser Glu Met Asp Ala Pro Leu Glu Asp Pro Val
35 40 45

Thr Lys Glu Glu
50

<210> 329
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L237P"

<400> 329
Arg Gln Val Arg Pro Val Thr Glu Lys Leu Pro Ala Asn His Pro Leu
1 5 10 15

Leu Thr Gly Gln Arg Val Leu Asp Ala Pro Pro Phe Pro Cys Val Gln
20 25 30

Gly Gly Thr Thr Ala Ile Pro Gly Ala Phe Gly Cys Gly Lys Thr Val
35 40 45

Ile Ser Gln Ser
50

<210> 330
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y383fs"

<400> 330
Asp Leu Thr Gly Phe Ile Thr Glu Gly Gln Ile Tyr Val Asp Arg Gln
1 5 10 15

Leu His Asn Arg Gln Ile Tyr Pro Pro Ser Thr Cys Ser Leu Pro Cys
20 25 30

Arg Gly

<210> 331
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R312fs"

<400> 331
Ser Thr Phe Pro Asp His Lys Val Lys Val Thr Pro Leu Gly Asn Pro
1   5   10   15

Asp Arg Pro Ala Ala Gly Gln Thr Asp Lys Glu Arg Glu Arg Val Arg
            20   25   30

Ala Arg Val Arg Ala Pro Cys Cys Ala Gly Ser Arg
        35   40

<210> 332
<211> 71
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q990fs"

<400> 332
Ile Val Glu Thr Tyr Phe Pro Gly Tyr Asn Arg Ser Ile Ser Arg Thr
1   5   10   15

Glu Thr Ile Ile Arg Phe Ala Phe Gln Ser Leu Tyr His Ser Ser Val
            20   25   30

Tyr Cys Met Ser Leu Phe Thr Gly Thr Gly His Ser Asn Cys Cys Asp
        35   40   45

Gly Gly Tyr Arg Ser Arg Cys Ser Lys Trp His Thr Asn Lys Arg Trp
    50   55   60

Arg Ala Ile Gly Asp Gly Ser
65   70

<210> 333
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R519Q"

<400> 333
Val Tyr Gln Ala Ser Ser Pro Asp Glu Val Ala Leu Val Gln Trp Thr
1   5   10   15

Glu Ser Val Gly Leu Thr Leu Val Gly Gln Gln Asp Gln Ser Ser Met
            20   25   30

Gln Leu Arg Thr Pro Gly Asp Gln Ile Leu Asn Phe Thr Ile Leu Gln
        35   40   45

Ile Phe Pro Phe
    50

<210> 334
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R290Q"

<400> 334
Ala Ser Gly Thr Val Val Gly Val Val Leu Tyr Thr Gly Arg Glu Leu
1   5   10   15

Arg Ser Val Met Asn Thr Ser Asn Pro Gln Gln Ser Lys Ile Gly Leu
            20   25   30

Phe Asp Leu Glu Val Asn Cys Leu Thr Lys Ile Leu Phe Gly Ala Leu
        35   40   45

Val Val Val Ser
    50

<210> 335
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S39G"

<400> 335
Ala Ala Ala Ala Ala Asn Arg Lys Arg Ala Ala Tyr Tyr Ser Ala Ala
1   5   10   15

Gly Pro Arg Pro Gly Ala Asp Arg His Gly Gly Arg Tyr Gln Leu Glu
            20   25   30

Asp Glu Ser Ala His Leu Asp Glu Met Pro Leu Met Met Ser Glu Glu
        35   40   45

Gly Phe Glu Asn
    50

<210> 336
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R1814fs"

<400> 336
Asn Tyr Leu Ala Ala Asp Gly Lys Ser Thr Thr Trp Ser Val Arg Leu
1   5   10   15

Gly Gln Leu Leu Leu Ser Ala Lys Lys Glu Ile Ser Gln Leu Phe Met
            20   25   30

Thr His

<210> 337
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P197Q"

<400> 337
Leu Arg Phe Asn His Phe Ala Thr Glu Cys Ser Trp Asp His Leu Tyr
1   5   10   15

Val Tyr Asp Gly Asp Ser Ile Tyr Ala Gln Gln Leu Val Ala Ala Phe
            20   25   30

Ser Gly Leu Ile Val Pro Glu Arg Asp Gly Asn Glu Thr Val Pro Glu
        35   40   45

Val Val Ala Thr
    50

<210> 338
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L1244F"

<400> 338
Ile Ala Phe Ser Gln His Asn Thr Ile Met Asp Leu Val Gln Phe Phe
1   5   10   15

Val Thr Phe Phe Ser Cys Phe Leu Ser Phe Phe Leu Leu Val Ala Ala
            20   25   30

Val Val Trp Lys Ile Lys Gln Thr Cys Trp Ala Ser Arg Arg Arg Glu
        35   40   45

Gln Leu Leu Arg
    50

<210> 339
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K1936R"

<400> 339
Ile Ala Ser Asp Ser Asp Glu Thr Ser Met Ser Leu Ser Ser Asp Asp
1   5   10   15

Tyr Thr Lys Lys Lys Lys Lys Gly Lys Arg Arg Gly Lys Lys Asp Ser
            20   25   30

Ser Ser Ser Gly Ser Gly Ser Asp Asn Asp Val Glu Val Ile Lys Val
        35   40   45

Trp Asn Ser Arg
    50

<210> 340
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q217H"

<400> 340
Gly His Lys Ala Glu Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
1   5   10   15

Gln His Gln His Gln Gln Gln Gln Gln His His Gln Gln Gln Gln Gln
            20   25   30

Gln Gln Gln His Leu Ser Arg Ala Pro Gly Leu Ile Thr Pro Gly Ser
        35   40   45

Pro Pro Pro Ala
    50

<210> 341
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S387L"

<400> 341
Arg Leu Leu Lys His Asn Pro Ser Gln Arg Pro Met Leu Arg Glu Val
1   5   10   15

Leu Glu His Pro Trp Ile Thr Ala Asn Leu Leu Ser Lys Pro Ser Asn
            20   25   30

Cys Gln Asn Lys Glu Ser Ala Ser Lys Gln Ser
        35   40

<210> 342
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G64W"

<400> 342
Glu Gly Asp Cys Tyr Val Ile Leu Ser Thr Arg Arg Val Ala Ser Leu
1   5   10   15

Leu Ser Gln Asp Ile His Phe Trp Ile Trp Trp Lys Asp Ser Ser Gln
            20   25   30

Asp Glu Gln Ser Cys Ala Ala Ile Tyr Thr Thr Gln Leu Asp Asp Tyr
        35   40   45

Leu Gly Gly Ser
    50

<210> 343
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.G299fs"

<400> 343
Asp Leu Leu Asn His Asp Asp Cys Tyr Ile Leu Asp Gln Ser Gly Thr

1 5 10 15

Lys Ile Tyr Val Trp Lys Gly Lys Gly Ser His Lys Gly
20 25

<210> 344
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F34L"

<400> 344
Asp Gly Val Pro Arg Gly Pro Val Leu His Ile Val Val Val Gly Phe
1 5 10 15

His His Lys Lys Gly Cys Gln Val Glu Leu Leu Ser Tyr Pro Pro Leu
20 25 30

Ile Pro Gly Asp Gly His Asp Ser His Thr Leu Pro Glu Glu Trp Lys
35 40 45

Tyr Leu Pro Phe
50

<210> 345
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G7fs"

<400> 345
Met Glu Lys Ala Arg Arg Gly Gly Gly Trp Arg Pro Pro Gly Ala Arg
1 5 10 15

Thr Ala His Arg Gly Gly Arg Ile Ser Pro Gln Glu Gly Leu Pro Gly
20 25 30

<210> 346

<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F351fs"

<400> 346
Glu Asn Pro Thr Ile Thr Ile Thr Ala Leu Leu Gly Ser Leu Asn Ser
1 5 10 15

Cys Cys Asn Pro Trp Ile Tyr Met Phe Leu Val Ala Ile Ser Phe Lys
20 25 30

Thr Val Phe Lys Ala Ser His Ala Ala Lys Thr
35 40

<210> 347
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G39R"

<400> 347
Arg Gly Thr Leu Ser Ala Pro Asn Ala Thr Thr Pro Trp Leu Gly Arg
1 5 10 15

Asp Glu Glu Leu Ala Lys Val Glu Ile Arg Arg Val Leu Ala Thr Val
20 25 30

Leu Val Leu Ala Thr Gly Gly Asn Leu Ala Val Leu Leu Thr Leu Gly
35 40 45

Gln Leu Gly Arg
50

<210> 348
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E930D"

<400> 348
Trp Arg Glu Ser Ala Lys Gln Gly Thr Leu Ala Gln Lys Tyr Leu Glu
1 5 10 15

Ala Met Ala Val Ile Glu His Met Gln Asp Asp Lys Leu Leu Glu Val
20 25 30

Glu Asn Arg Ala Arg Gln Ala Glu Glu Lys Phe Glu Asp Ala Tyr Glu
35 40 45

Lys Leu His His
50

<210> 349
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.W101R"

<400> 349
Cys Pro Glu Asn Leu Leu Pro Pro Lys Lys Ile Lys Thr Pro Lys Gly
1 5 10 15

Thr Leu Pro Arg Leu Val Asp His Val Arg Arg His His Pro Val Arg
20 25 30

Arg Asn Lys Phe Lys Tyr Leu Ile Asp His Pro Val Ser Leu Thr Gly
35 40 45

Ala Gly Arg Asp
50

<210> 350
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.W663fs"

<400> 350
Gln Ser Thr Lys Lys Ala Tyr Pro Leu Glu Ser Ala Arg Ser Ser Pro
1 5 10 15

Gly Glu Arg Ala Ser Arg His His Leu Ser Thr Ala Gly Thr Pro Ala
20 25 30

Pro Pro Pro Val Pro Thr Cys Ser Pro Arg Thr Leu Arg Cys Leu Pro
35 40 45

<210> 351
<211> 65
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G665fs"

<400> 351
Lys Lys Ala Tyr Pro Leu Glu Ser Ala Arg Ser Ser Pro Gly Glu Arg
1 5 10 15

Ala Ser Arg His His Leu Trp Gly Gly Gln Gln Arg Ala Pro Pro His
20 25 30

His Pro Pro Cys Pro Pro Val His Pro Gly Pro Cys Asp Ala Ser Pro
35 40 45

Asp Pro Thr Gln His Ala Gly Ser Ala Gly Gly Gly Leu Ser Gln Ala
50 55 60

Ser
65

<210> 352
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G665fs"

<400> 352
Thr Lys Lys Ala Tyr Pro Leu Glu Ser Ala Arg Ser Ser Pro Gly Glu
1 5 10 15

Arg Ala Ser Arg His His Leu Trp Gly Ala Thr Ala Gly Thr Pro Ala
20 25 30

Pro Pro Pro Val Pro Thr Cys Ser Pro Arg Thr Leu Arg Cys Leu Pro
35 40 45

<210> 353
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.M1V"

<400> 353
Val Val Ser Arg Ser Val Ala Leu Ala Val Leu Ala Leu Leu Ser Leu
1 5 10 15

Ser Gly Leu Glu Ala Ile Gln Arg Thr Pro Lys
20 25

<210> 354
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L13fs"

<400> 354
Met Ser Arg Ser Val Ala Leu Ala Val Leu Ala Leu Leu Ser Phe Trp

1 5 10 15

Pro Gly Gly Tyr Pro Ala Tyr Ser Lys Asp Ser Gly Leu Leu Thr Ser
20 25 30

Ser Ser Arg Glu Trp Lys Val Lys Phe Pro Glu Leu Leu Cys Val Trp
35 40 45

Val Ser Ser Ile Arg His
50

<210> 355
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.M1I"

<400> 355
Ile Ile Ser Arg Ser Val Ala Leu Ala Val Leu Ala Leu Leu Ser Leu
1 5 10 15

Ser Gly Leu Glu Ala Ile Gln Arg Thr Pro Lys
20 25

<210> 356
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R145Q"

<400> 356
Gln Glu Ala Glu Lys Glu Asp Lys Met Leu Ala Leu Ser Leu Glu Asp
1 5 10 15

Glu His Leu Leu Tyr Gly Asp Ile Ile Gln Gln Asp Phe Leu Asp
20 25 30

Thr Tyr Asn Asn Leu Thr Leu Lys Thr Ile Met Ala Phe Arg Trp Val

35 40 45

Thr Glu Phe Cys
50

<210> 357
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R125L"

<400> 357
Ala Glu Leu Thr Arg Met Ala Asn Thr Leu Leu His Val Pro Asn Leu
1 5 10 15

His Trp Leu Val Val Glu Asp Ala Pro Leu Leu Arg Thr Pro Leu Thr
20 25 30

Ala Arg Leu Leu Arg Asp Thr Gly Leu Asn Tyr Thr His Leu His Val
35 40 45

Glu Thr Pro Arg
50

<210> 358
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F30fs"

<400> 358
Gly Arg Arg Val Lys Lys Trp Gln Leu Ile Ile Gln Leu Phe Ala Thr
1 5 10 15

Cys Phe Leu Ala Ser Leu Met Phe Phe Gly Asn Gln Ser Ile Ile Thr
20 25 30

Leu

<210> 359
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G88fs"

<400> 359
Pro Val Arg Ile Lys Glu Gln Val Val Gly Leu Leu Ala Trp Asn Asn
1 5 10 15

Cys Ser Cys Glu Ser Ser Gly Gly Gly Pro Pro Pro Pro Leu Pro Glu
20 25 30

Thr Ser Pro Ser Tyr
35

<210> 360
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R538Q"

<400> 360
Glu Ser Cys Ser Ala Arg Glu Gln Glu Cys Glu Val Lys Leu Pro Phe
1 5 10 15

Asn Ala Gln Arg Ile Ile Ser Leu Ser Gln Gln Asn Asp Phe Gln Ser
20 25 30

Leu Leu Lys Met His Lys Leu Thr Pro Glu Gln Leu Asp Cys Ile His
35 40 45

Asp Ile Arg Arg
50

<210> 361

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G45R"

<400> 361
Arg Leu Arg Ala Leu Arg Pro Gly Arg Glu Pro Arg Gln Ser Glu Pro
1 5 10 15

Pro Ala Gln Arg Gly Pro Pro Pro Ser Arg Arg Arg Pro Pro Ala Arg
20 25 30

Ser Thr Ala Ser Gly His Asp Arg Pro Thr Arg Gly Ala Ala Ala Gly
35 40 45

Ala Arg Arg Pro
50

<210> 362
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A231G"

<400> 362
Glu Glu Cys Gly Arg Ala Ala Gly Arg Ala Cys Gly Phe Ala Gln Pro
1 5 10 15

Gly Cys Ser Cys Pro Gly Glu Ala Gly Gly Gly Gly Ser Thr Thr Thr
20 25 30

Thr Ser Pro Gly Pro Pro Ala Ala His Thr Leu Ser Asn Ala Leu Val
35 40 45

Pro Gly Gly Pro
50

<210> 363

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V396M"

<400> 363
Ser Ser Ala Ser Gly Trp Phe Pro Glu Ala Tyr Val Lys Ala Leu Glu
1 5 10 15

Glu Gly Pro Val Asn Pro Met Thr Pro Met Met Thr Pro Met Thr Ser
20 25 30

Met Thr Ser Met Ser Pro Met Thr Pro Met Asn Pro Gly Asn Glu Leu
35 40 45

Pro Ser Arg Ser
50

<210> 364
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N78S"

<400> 364
Ile Glu Glu Arg Arg Ser Arg Arg Lys Val Ser Thr Leu Val Asp Asp
1 5 10 15

Thr Ser Val Ile Asp Asp Asp Ile Val Ser Ser Asn Met Phe Phe Ala
20 25 30

His Gln Leu Ile Pro Asn Ser Cys Ala Thr His Ala Leu Leu Ser Val
35 40 45

Leu Leu Asn Cys
50

<210> 365

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R227C"

<400> 365
Trp Thr Asp Lys Ala Arg Arg Val Ile Met Glu Arg Ile Gly Leu Ala
1 5 10 15

Thr Ala Gly Glu Pro Tyr His Asp Ile Cys Cys Phe Asn Leu Met Ala
20 25 30

Val Val Pro Asp Arg Arg Ile Lys Tyr Glu Ala Arg Leu His Val Leu
35 40 45

Lys Val Asn Arg
50

<210> 366
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R68P"

<400> 366
Ser Leu Tyr Ser Val Cys Pro Ser Leu Val Val Arg Pro Lys Pro Leu
1 5 10 15

His Ser Cys Thr Gly Ser Pro Ser Leu Pro Pro Ala Tyr Pro Leu Leu
20 25 30

Ser Val Ile Thr Arg Gln Pro Thr Val Ile Ser His Leu Val Pro Ala
35 40 45

Thr Pro Gly Ile
50

<210> 367

<211> 57
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M38fs"

<400> 367
Ser Glu Gln Ile Met Lys Thr Gly Ala Leu Leu Leu Gln Gly Phe Ile
1 5 10 15

Gln Asp Arg Ala Gly Arg Met Gly Gly Gly Gly Thr Arg Ala Gly Pro
20 25 30

Gly Pro Gly Ala Ser Gly Cys Val His Gln Glu Ala Glu Arg Val Ser
35 40 45

Gln Ala His Arg Gly Arg Thr Gly Gln
50 55

<210> 368
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F176V"

<400> 368
Arg Leu Thr Gly Ala Ser Asp Lys Pro Gly Glu Val Ser Lys Leu Gly
1 5 10 15

Lys Arg Met Gly Phe Leu Tyr Leu Thr Val Val Tyr Gly His Thr Trp
20 25 30

Gln Val Gln Asp Lys Ile Asp Ala Asn Asn Val Ala Tyr Thr Thr Gly
35 40 45

Lys Leu Ser Phe
50

<210> 369

<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F268fs"

<400> 369
Ala Leu Asp Ile Cys Ile Val Ser Phe Asn Gln Ser Ala Ser Ser Val
1 5 10 15

Phe Val Leu Gly Glu Arg Asn Phe Phe Ala Leu Arg Ile Met Asp Lys
20 25 30

Phe Asp Ser
35

<210> 370
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L133R"

<400> 370
Ser Ser Lys Ser Arg Asn Ala Pro Arg Ser Ser Cys Gly Asn Cys Gly
1 5 10 15

Ala Arg Ala Pro Glu His Pro Pro Val Arg Arg Arg Val Glu Ser Leu
20 25 30

Asn Leu Pro Leu Leu Asn Gly Leu Arg Glu Glu Gly Pro Gly Val Phe
35 40 45

Ser Arg Ser Val
50

<210> 371
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T214M"

<400> 371
Asp Leu His Cys Asn Lys Arg Ile Leu Val Val Leu Gln Glu Lys
1 5 10 15

Ile Ala Ala Phe Asp Ser Cys Thr Phe Met Met Lys Lys Phe Phe Val
20 25 30

Thr Ser Cys Tyr Pro Cys Pro Gly Pro Asn Met Asn Pro Ile Ala Leu
35 40 45

Gly Ser Arg Trp
50

<210> 372
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H37fs"

<400> 372
Arg Gly Leu Ser Gln Ala Ala Leu Leu Leu Leu Arg Gln Pro Gly Ala
1 5 10 15

Arg Gly Leu Ala Arg Ser His Pro Pro Gly Ser Ser Ser Ser Phe His
20 25 30

Leu Trp Met Thr Ser Pro Ser Ser Gln Gly Pro Arg Arg Ser Leu
35 40 45

<210> 373
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G129fs"

<400> 373
Leu Cys Cys Phe Trp Pro Val Gly Ile Ala Ala Phe Cys Leu Ala Gln
1   5   10   15

Lys Val Ser Leu Cys Val Gly Leu Gly Ile Lys Glu Lys Asn Ala Pro
            20   25   30

Gln Lys Gln Arg Ala Ile Tyr Leu Arg Arg Glu Gly Gly Arg
        35   40   45

<210> 374
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E579K"

<400> 374
Ser Met Gln His Phe Ser Glu Ala Phe His Gln Val Leu Gly Glu Lys
1   5   10   15

His Lys Arg Gly His Leu Ala Glu Ala Lys Lys Gly His Arg Asp Thr
            20   25   30

Cys Asp Glu Asp Ser Val Ala Gly Glu Ser Asp Arg Ile Asp Asp Gly
        35   40   45

Thr Val Asn Gly
    50

<210> 375
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.N172S"

<400> 375
Ile Val Ala Phe Phe Glu Phe Gly Gly Val Met Cys Val Glu Ser Val
1   5   10   15

Asn Arg Glu Met Ser Pro Leu Val Asp Ser Ser Ile Ala Leu Trp Met
            20   25   30

Thr Glu Tyr Leu Asn Arg His Leu His Thr Trp Ile Gln Asp Asn Gly
        35   40   45

Gly Trp Asp Ala
    50

<210> 376
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H20Q"

<400> 376
Met Ala His Ala Gly Arg Thr Gly Tyr Asp Asn Arg Glu Ile Val Met
1   5   10   15

Lys Tyr Ile Gln Gln Tyr Lys Leu Ser Gln Arg Gly Tyr Glu Trp Asp
            20   25   30

Ala Gly Asp Val Gly Ala Ala Pro Pro Gly Ala Ala Pro Ala
        35   40   45

<210> 377
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G33R"

<400> 377
Gly Tyr Asp Asn Arg Glu Ile Val Met Lys Tyr Ile His Tyr Lys Leu

1 5 10 15

Ser Gln Arg Gly Tyr Glu Trp Asp Ala Arg Arg Asp Val Gly Ala Ala
20 25 30

Pro Pro Gly Ala Ala Pro Ala Pro Gly Ile Phe Ser Ser Gln Pro Gly
35 40 45

His Thr Pro His
50

<210> 378
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R91Q"

<400> 378
Pro Pro Ala Ser Pro Gly Pro Phe Ala Thr Arg Ser Pro Leu Phe Ile
1 5 10 15

Phe Met Arg Arg Ser Ser Leu Leu Ser Gln Gln Ser Ser Ser Gly Tyr
20 25 30

Phe Ser Phe Asp Thr Asp Arg Ser Pro Ala Pro Met Ser Cys Asp Lys
35 40 45

Ser Thr Gln Thr
50

<210> 379
<211> 101
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L187fs"

<400> 379
Tyr Ala Arg Arg Val Phe Leu Asn Asn Tyr Gln Ala Ala Glu Asp His

1 5 10 15

Pro Arg Met Val Ile Leu Arg Leu Leu Thr Leu His Cys Pro Pro Gly
20 25 30

Val Glu Asn Ala Leu Thr Gly Ser Leu Arg Ser Arg Asp Thr Met Gln
35 40 45

Thr Phe Cys Leu Phe Lys Pro Thr Arg Pro Ser Thr Ala Val Ser Trp
50 55 60

Cys His Tyr Tyr Ala Ala Ser Gly Ser Leu Val Glu Gly Ala Gly Asp
65 70 75 80

Val Ser Glu Asp Thr Glu Leu Asp Gly Thr Thr Phe Leu Phe Ile Thr
85 90 95

Thr Gln Gln Asn Phe
100

<210> 380
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T52M"

<400> 380
Lys Val Arg Lys Trp Glu Lys Lys Trp Val Thr Val Gly Asp Thr Ser
1 5 10 15

Leu Arg Ile Tyr Lys Trp Val Pro Val Met Met Glu Pro Lys Val Asp
20 25 30

Asp Lys Asn Lys Asn Lys Lys Lys Gly Lys Asp Glu Lys Cys Gly Ser
35 40 45

Glu Val Thr Thr
50

<210> 381
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G980C"

<400> 381
Pro Gln Thr Pro Ser Gln Met Val Pro Leu Pro Ser Ala Asn Pro Pro
1 5 10 15

Gly Pro Leu Lys Ser Pro Gln Val Leu Cys Cys Ser Ser Leu Ser Val
20 25 30

Arg Ser Pro Thr Gly Ser Pro Ser Arg Leu Lys Ser Pro Ser Met Ala
35 40 45

Val Pro Ser Pro
50

<210> 382
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P1127fs"

<400> 382
Tyr His Asn Ala Ile Lys Thr Ile Ala Thr Ser Asp Asp Glu Leu Leu
1 5 10 15

Pro Asp Arg Pro Leu Leu Pro Pro Pro Thr Thr Thr Ala Gly Leu Arg
20 25 30

Ala Arg Asp Gln Gln Gln Pro Ala Gln Pro Asp Ala Pro Glu Leu Ser
35 40 45

Arg Cys Pro Glu Pro Tyr Gly His Glu Pro Ala Arg Pro Ala Ala Pro
50 55 60

Val Pro
65

<210> 383

<211> 56
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R37fs"

<400> 383
Arg Ser Lys Ser Arg Ser Gln Ser Ser Ser Arg Ser Arg Ser Arg Ser
1 5 10 15

His Ser Arg Lys Lys Arg Tyr Ser Ser Thr Gly Leu Val Pro Glu His
20 25 30

Ile Gln Gly Leu Val Val Glu Ile Val Cys Ile Leu Glu Ile Ile Val
35 40 45

Ala Ile Thr Glu Ile Ile Glu Glu
50 55

<210> 384
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N1459S"

<400> 384
Leu Pro Cys Ser Ser Ser Pro Gln Glu Thr Thr Gln Ser Arg Pro Met
1 5 10 15

Pro Pro Glu Ala Arg Arg Leu Ile Val Ser Ser Lys Asn Ala Gly Glu
20 25 30

Thr Leu Leu Gln Arg Ala Ala Arg Leu Gly Tyr Glu Glu Val Val Leu
35 40 45

Tyr Cys Leu Glu
50

<210> 385

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P536Q"

<400> 385
Arg Ile Leu Phe Ser Lys Glu Ile Leu Ile Ser Ser Ser Val Asp Ile
1 5 10 15

His Leu Lys Asp Ser Gln Ser Leu Asp Gln Gln Asn Lys Met Ala Ala
20 25 30

Leu Arg Glu Tyr Leu Ala Thr Thr Phe Pro Thr Cys Asp Leu His Glu
35 40 45

His Gly Lys Asp
50

<210> 386
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E630K"

<400> 386
Asn Asp Gln Arg Gly Arg Asp Gly Gly Glu Gly Cys Ser Trp Met Phe
1 5 10 15

Gln Pro Met Asn Asn Ser Lys Met Arg Lys Lys Lys Arg Asn Leu Gln
20 25 30

Pro Asn Ser Asn Ala Ile Pro Glu Gly Met Arg Glu Pro Ser Thr Asp
35 40 45

Asn Pro Glu Glu
50

<210> 387

<211> 78
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D265fs"

<400> 387
Phe Gln Pro Pro Pro Glu Tyr Gln Leu Thr Ala Ala Glu Leu Lys Gln
1 5 10 15

Ile Val Asp Gln Ser Leu Ser Gly Gly Thr Trp Pro Ala Ala Cys Trp
20 25 30

Cys Ser Ser Ser Pro Ser Ser Ser Ala Thr Trp Thr Ser Pro Gly Ala
35 40 45

Ala Val Pro Val Ala Leu Arg Pro Ser Ala Ser Trp Ser Arg Cys Thr
50 55 60

Cys Ser Ser Ser Ala Thr Met Trp Arg Ser Thr Thr Pro Arg
65 70 75

<210> 388
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R198C"

<400> 388
Leu Glu Asp Ala Val Val Pro Arg Ala Leu Tyr Glu Glu Leu Leu Arg
1 5 10 15

Asn Tyr Gln Gln Gln Gln Glu Glu Met Cys Cys His Leu Gln Gln Glu
20 25 30

Leu Glu Arg Thr Arg Arg Gln Leu Val Gln Gln Ala Lys Lys Leu Lys
35 40 45

Glu Tyr Gly Ala

50

<210> 389
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P383L"

<400> 389
Ser Phe Leu Gly Ser Thr Val Gln Met Gly Lys Gln Met Pro Lys Asn
1 5 10 15

Glu Trp Lys Met Glu Asp Ile Lys Ile Leu Leu Leu Pro Gln Pro Gln
20 25 30

Phe Gln Cys Ala Lys Ser Asp Pro Gly Gly
35 40

<210> 390
<211> 82
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P444fs"

<400> 390
Ser Ser Met Phe Leu Pro Arg Asp Asp Leu Ser Pro Ala Arg Asp Leu
1 5 10 15

Leu Asp Val Pro Ser Arg Asn Pro Pro Gln Gly Leu Thr His Leu Glu
20 25 30

Glu Ile Leu Leu Pro Arg Arg Lys Pro His Ala Ala Leu Gln His Gly
35 40 45

Arg Ala Val His His Gln Gly Asp Gln Pro Asp Lys His Phe Thr Glu
50 55 60

Pro Asp Pro Thr Val Gln Cys Glu Asn Phe Pro His Gln Asn Ala Thr

65 70 75 80

Gly Thr

<210> 391
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L62Q"

<400> 391
Ser Thr Pro Pro Gly Met Asp Leu Ser Leu Ala Pro Pro Pro Arg Glu
1 5 10 15

Arg Pro Ala Ser Ser Ser Ser Ser Pro Gln Gln Gly Cys Phe Glu Pro
20 25 30

Ala Asp Pro Glu Gly Ala Gly Leu Leu Leu Pro Pro Pro Gly Gly Gly
35 40 45

Gly Gly Gly Ser
50

<210> 392
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R162H"

<400> 392
Ser Glu Asn Glu Arg Leu Ala Ser Val Ala Gln Glu Leu Lys Glu Ile
1 5 10 15

Asn Gln Asn Val Glu Ile Gln Arg Gly His His Leu Arg Asp Asp Ile
20 25 30

Lys Glu Tyr Lys Phe Arg Glu Ala Arg Leu Leu Gln Asp Tyr Ser Glu

35 40 45

Leu Glu Glu Glu
50

<210> 393
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V414L"

<400> 393
Ser Cys Phe Gly Ser Gly Ser Cys Pro His Phe Leu Ala Ala Ala Thr
1 5 10 15

Lys Arg Gly Lys Ile Cys Ile Trp Asp Leu Leu Ser Lys Leu Met Lys
20 25 30

Val His Leu Lys Phe Glu Ile Asn Ala Tyr Asp Pro Ala Ile Val Gln
35 40 45

Gln Leu Ile Leu
50

<210> 394
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A225M"

<400> 394
Val Phe Ile Pro Cys Gly His Leu Val Thr Cys Lys Gln Cys Ala Glu
1 5 10 15

Ala Val Asp Arg Cys Pro Met Cys Ser Met Met Val Ile Asp Phe Lys
20 25 30

Gln Arg Val Phe Met Ser

35

<210> 395
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H660Q"

<400> 395
Ala Ser Arg Asn Leu Lys His Glu Arg Phe Gln Ser Leu Ser Phe Pro
1 5 10 15

His Thr Lys Glu Met Met Lys Ile Phe Gln Gln Lys Lys Phe Gly Leu
20 25 30

His Asn Phe Arg Thr Asn Gln Leu Glu Ala Ile Asn Ala Ala Leu Leu
35 40 45

Gly Glu Asp Cys
50

<210> 396
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S44L"

<400> 396
Ala Gly Ser Val Arg Met Arg Asp Leu Arg Asn Pro His Pro Ser Ser
1 5 10 15

Ala Phe Leu Asn Leu Ile Gly Phe Val Leu Leu Arg Arg Glu Leu Gly
20 25 30

Ser Ile Asp Gly Val Gln Gln Ile Ser Leu Glu Asp Ala Leu Ser Ser
35 40 45

Gln Glu Val Glu

50

<210> 397
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H487Q"

<400> 397
Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
1 5 10 15

Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln His His His His His
20 25 30

His His Leu Leu Gln Asp Ala Tyr Met Gln Gln Tyr Gln His Ala Thr
35 40 45

Gln Gln Gln Gln
50

<210> 398
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R344W"

<400> 398
Lys Pro Tyr Lys Thr Leu Gln Ala Gln Ala Pro Glu Lys Ser Lys Asn
1 5 10 15

Lys Lys Lys Gln Arg Lys Gly Pro His Trp Trp Lys Ser Gln Thr Leu
20 25 30

Gln Phe Asp Glu Gln Thr Leu Lys Lys Ala Arg Arg Lys Gln Trp Ile
35 40 45

Glu Pro Arg Asn

50

<210> 399
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q118L"

<400> 399
Pro Arg Pro Leu His Gly Leu Gln Gln Pro Gln Pro Pro Ala Leu Arg
1 5 10 15

Gln Gln Glu Glu Gln Gln Gln Gln Gln Leu Leu Leu Pro Arg Gly Glu
20 25 30

Pro Pro Pro Gly Arg Leu Lys Ser Ala Pro Leu Phe Met Leu Asp Leu
35 40 45

Tyr Asn Ala Leu
50

<210> 400
<211> 62
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.RIAL444del"

<400> 400
Lys Ser Val Glu Leu Val Leu Gly Glu Ser Arg Val Ser Leu Gln Gln
1 5 10 15

His Leu Thr Val Arg Trp Asn Gly Ser Pro Cys Arg Ala Pro His Phe
20 25 30

His Ile Asp Leu Asp Gly Tyr Leu Leu Lys Val Thr Thr Lys Ala Gly
35 40 45

Leu Glu Ile Ser Trp Asp Gly Asp Ser Phe Val Glu Val Met

50 55 60

<210> 401
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R241Q"

<400> 401
Pro Pro Gly Gln Cys Cys Pro Lys Cys Leu Gly Gln Arg Lys Val Phe
1 5 10 15

Asp Leu Pro Phe Gly Ser Cys Leu Phe Gln Gln Ser Asp Val Tyr Asp
20 25 30

Asn Gly Ser Ser Phe Leu Tyr Asp Asn Cys Thr Ala Cys Thr Cys Arg
35 40 45

Asp Ser Thr Val
50

<210> 402
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G455V"

<400> 402
Lys Ala Ile Phe Gly Asp Glu Asp Glu Ser Gly Asp Ser Asp Asp Glu
1 5 10 15

Glu Asp Asp Glu Met Ser Glu Asp Asp Val Val Leu Glu Asn Gly Ser
20 25 30

Ser Asp Glu Glu Ala Glu Glu Glu Glu Asn Ala Glu Met Thr Asp Gln
35 40 45

Tyr Met Ala Val

50

<210> 403
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E878D"

<400> 403
Gly Glu Met Gln Lys Gln Ala Gln Leu Asn Arg Ala Glu Phe Glu Asp
1 5 10 15

Gln Asp Asp Glu Ala Arg Val Gln Tyr Asp Asp Gly Phe Arg Pro Gly
20 25 30

Met Tyr Val Arg Ile Glu Ile Glu Asn Val Pro Cys Glu Phe Val Gln
35 40 45

Asn Phe Asp Pro
50

<210> 404
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y937N"

<400> 404
Met Glu Lys Ala Asp Gln Ser Leu Ala Ser Leu Pro Ser Gly Leu Pro
1 5 10 15

Ile Thr Cys His Leu Cys Gln Lys Thr Asn Asn Ser Asn Lys Gly Thr
20 25 30

Phe Arg Ala His Tyr Lys Thr Val His Leu Arg Gln Leu His Lys Cys
35 40 45

Lys Val Pro Gly

50

<210> 405
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R512W"

<400> 405
Asn Arg His Ser Ala Asn Pro Asn Pro Arg Leu His Met Pro Met Leu
1 5 10 15

Arg Asn Asn Arg Asp Lys Asp Leu Ile Trp Trp Ala Thr Ser Gly Ala
20 25 30

Ala Thr Pro Val Ile Ala Ser Thr Lys Ser Asn Leu Ala Leu Thr Ser
35 40 45

Pro Gly Arg Pro
50

<210> 406
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S575R"

<400> 406
Leu Gln Asn Pro Leu Pro Ser Gln Leu Val Phe Ser Gly Leu Lys Thr
1 5 10 15

Val Gln Pro Val Pro Pro Phe Tyr Arg Arg Arg Leu Leu Thr Pro Gly
20 25 30

Glu Met Val Ser Pro Pro Thr Ser Leu Pro Thr Ser Pro Ile Ile Pro
35 40 45

Thr Ser Gly Thr

50

<210> 407
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M255I"

<400> 407
Ile Asp Ser Val Ala Gly Ile Asn Tyr Gly Leu Val Ala Pro Pro Ala
1 5 10 15

Thr Thr Ala Glu Thr Leu Asp Val Gln Ile Ile Lys Gly Glu Phe Tyr
20 25 30

Ser Glu Asn His His Asn Pro Pro Pro Phe Ala Pro Pro Val Met Glu
35 40 45

Phe Pro Ala Ala
50

<210> 408
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P403fs"

<400> 408
Asn Ile Asp Asp Leu Ile Arg Asp Gln Gly Phe Arg Gly Asp Gly Gly
1 5 10 15

Ser Thr Thr Gly Leu Ser Ala Thr Pro Leu Pro His Tyr Leu Ala His
20 25 30

<210> 409
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G466V"

<400> 409
Leu Gly Arg Arg Asp Ser Ser Asp Asp Trp Glu Ile Pro Asp Gly Gln
1 5 10 15

Ile Thr Val Gly Gln Arg Ile Gly Ser Val Val Ser Phe Gly Thr Val
20 25 30

Tyr Lys Gly Lys Trp His Gly Asp Val Ala Val Lys Met Leu Asn Val
35 40 45

Thr Ala Pro Thr
50

<210> 410
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G469A"

<400> 410
Arg Asp Ser Ser Asp Asp Trp Glu Ile Pro Asp Gly Gln Ile Thr Val
1 5 10 15

Gly Gln Arg Ile Gly Ser Gly Ser Phe Ala Ala Thr Val Tyr Lys Gly
20 25 30

Lys Trp His Gly Asp Val Ala Val Lys Met Leu Asn Val Thr Ala Pro
35 40 45

Thr Pro Gln Gln
50

<210> 411
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G469V"

<400> 411
Arg Asp Ser Ser Asp Asp Trp Glu Ile Pro Asp Gly Gln Ile Thr Val
1 5 10 15

Gly Gln Arg Ile Gly Ser Gly Ser Phe Val Val Thr Val Tyr Lys Gly
20 25 30

Lys Trp His Gly Asp Val Ala Val Lys Met Leu Asn Val Thr Ala Pro
35 40 45

Thr Pro Gln Gln
50

<210> 412
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V600K"

<400> 412
Arg Asp Leu Lys Ser Asn Asn Ile Phe Leu His Glu Asp Leu Thr Val
1 5 10 15

Lys Ile Gly Asp Phe Gly Leu Ala Thr Lys Lys Lys Ser Arg Trp Ser
20 25 30

Gly Ser His Gln Phe Glu Gln Leu Ser Gly Ser Ile Leu Trp Met Ala
35 40 45

Pro Glu Val Ile Arg
50

<210> 413
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V600E"

<400> 413
Arg Asp Leu Lys Ser Asn Asn Ile Phe Leu His Glu Asp Leu Thr Val
1 5 10 15

Lys Ile Gly Asp Phe Gly Leu Ala Thr Glu Glu Lys Ser Arg Trp Ser
20 25 30

Gly Ser His Gln Phe Glu Gln Leu Ser Gly Ser Ile Leu Trp Met Ala
35 40 45

Pro Glu Val Ile
50

<210> 414
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K601E"

<400> 414
Asp Leu Lys Ser Asn Asn Ile Phe Leu His Glu Asp Leu Thr Val Lys
1 5 10 15

Ile Gly Asp Phe Gly Leu Ala Thr Val Glu Glu Ser Arg Trp Ser Gly
20 25 30

Ser His Gln Phe Glu Gln Leu Ser Gly Ser Ile Leu Trp Met Ala Pro
35 40 45

Glu Val Ile Arg
50

<210> 415
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K601N"

<400> 415
Asp Leu Lys Ser Asn Asn Ile Phe Leu His Glu Asp Leu Thr Val Lys
1 5 10 15

Ile Gly Asp Phe Gly Leu Ala Thr Val Asn Asn Ser Arg Trp Ser Gly
20 25 30

Ser His Gln Phe Glu Gln Leu Ser Gly Ser Ile Leu Trp Met Ala Pro
35 40 45

Glu Val Ile Arg
50

<210> 416
<211> 74
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P24fs"

<400> 416
Met Ser Thr Ala Thr Thr Val Ala Pro Ala Gly Ile Pro Ala Thr Pro
1 5 10 15

Gly Pro Val Asn Pro Pro Pro Pro Gly Gly Leu Gln Pro Gln Gln Ala
20 25 30

Arg Pro Gln Asp Gln Pro Ala Ala Val His Ala Glu Cys Gly Gly Glu
35 40 45

Asp Ala Leu Glu Thr Pro Val Arg Leu Ala Leu Leu Pro Ala Arg Gly
50 55 60

Arg Asn Gln Ile Glu Pro Ala Gly Leu Ser
65 70

<210> 417

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G330W"

<400> 417
His Ala Ala Asp Glu Ala Arg Asp Arg Ile Asn Arg Phe Leu Pro Gly
1 5 10 15

Gly Lys Met Gly Tyr Leu Lys Arg Asn Trp Trp Asp Gly Ser Leu Leu
20 25 30

Tyr Ser Val Val Asn Thr Ala Glu Pro Asp Ala Asp Glu Glu Glu Thr
35 40 45

His Pro Val Asp
50

<210> 418
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V469L"

<400> 418
Asp Gly Glu Leu Asp Leu Ser Gly Ile Asp Asp Leu Glu Ile Asp Arg
1 5 10 15

Tyr Ile Leu Asn Glu Ser Glu Ala Arg Leu Leu Lys Ala Glu Leu Trp
20 25 30

Met Arg Glu Asn Ala Glu Tyr Leu Arg Glu Gln Arg Glu Lys Glu Ala
35 40 45

Arg Ile Ala Lys
50

<210> 419

<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K70Q"

<400> 419
Ser Arg Leu Ala Thr Leu Asn Glu Lys Leu Thr Ala Leu Glu Arg Arg
1 5 10 15

Ile Glu Tyr Ile Glu Ala Arg Val Thr Gln Gln Gly Glu Thr Leu Thr
20 25 30

<210> 420
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G107fs"

<400> 420
Leu Ser Gln Leu Arg Leu Arg Leu Glu Glu Val Gly Ala Glu Arg Ala
1 5 10 15

Pro Glu Tyr Thr Glu Pro Leu Gly Gly Cys Ser Gly Ala Ser Arg Phe
20 25 30

Ala Phe Arg Trp Gln Gly Ser Thr Arg Ala Ser Val Trp Met
35 40 45

<210> 421
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.R66C"

<400> 421
His Leu Tyr His Tyr Asp His Asp Asn Pro Pro Pro Pro Gln Gln Thr
1   5   10   15

Pro Leu Arg Lys His Lys Lys Lys Gly Cys Cys Gln Ser Arg Pro Ala
            20   25   30

Asn Lys Gln Ser Pro Ser Pro Ser Glu Val Ser Gln Ser Pro Gly Arg
        35   40   45

Glu Val Met Ser
    50

<210> 422
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K1319R"

<400> 422
Thr Ser Ser Gly Arg Arg Arg Val His Asp Gly Lys Lys Ser Ile Arg
1   5   10   15

Ala Thr Asn Tyr Val Glu Ser Asn Trp Arg Arg Lys Gln Cys Lys Glu
            20   25   30

Leu Val Asn Leu Ile Phe Gln Cys Glu Asp Ser Glu Pro Phe Arg Gln
        35   40   45

Pro Val Asp Leu
    50

<210> 423
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R787C"

<400> 423
Thr Val Glu Lys Lys Lys Lys Pro Ser Tyr Thr Thr Gln Arg Asn Asp
1   5   10   15

Tyr Glu Pro Ser Cys Gly Arg Ser Leu Cys Cys Arg Thr Gln Arg Lys
            20   25   30

Arg Gln His Thr Tyr Gln Thr Arg Ser Asn Ile Glu His Asn Ser Gln
        35   40   45

Ala Ser Cys Gln
    50

<210> 424
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H160N"

<400> 424
Val Asn Tyr Val Lys Pro Pro Asn Val Val Asn Ile Thr Ser Ala Arg
1   5   10   15

Gln Leu Thr Gly Cys Ser Arg Phe Gly Asn Asn Ile Phe Pro Ser Ser
            20   25   30

Ala Tyr Gln His Ile Lys Met His Lys Arg Ile Leu Gly His Leu Ser
        35   40   45

Ser Val Tyr Cys
    50

<210> 425
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G36A"

<400> 425
Leu Leu Gln Leu Leu Leu Gln Leu Leu Leu Leu Leu Leu Leu Ala
1   5   10   15

Ala Gly Gly Ala Arg Ala Arg Trp Arg Ala Ala Glu Gly Thr Ser Ala
            20   25   30

His Leu Arg Asp Ile Phe Leu Gly Arg Cys Ala Glu Tyr Arg Ala Leu
        35   40   45

Leu Ser Pro Glu
    50

<210> 426
<211> 77
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T451fs"

<400> 426
Leu Ser Asp Leu Val Ser Arg Ala Met His His Leu Gln Pro Leu Asn
1   5   10   15

Ala Lys His His Gly Asn Gly Thr Pro Cys Thr Thr Ser Arg Gly His
            20   25   30

Cys Thr Gly Ser Pro Arg Pro Cys Thr Pro Phe Ala Ile Ser Cys Thr
        35   40   45

Ala His Lys Trp Asn Gly Lys Thr Pro Thr Trp Ser Leu Pro Lys Ser
    50   55   60

Thr Ser Arg Trp Lys Gly Pro Ser Ser Cys Cys Arg Arg
65   70   75

<210> 427
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A561V"

<400> 427
Leu Leu Pro Gly Val Asp Cys Glu Pro Arg Gln Leu Arg Ala Asp Asp
1   5   10   15

Cys Phe Cys Ala Ser Arg Lys Leu Asp Val Val Val Ala Ile Glu Ala
            20   25   30

Lys Phe Lys Gln Asp Leu Gly Phe Arg Met Leu Asn Cys Gly Arg Thr
        35   40   45

Asp Leu Val Lys
    50

<210> 428
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G265A"

<400> 428
Cys Met Glu Ser Leu Phe Arg Asp Ile Tyr Ser Arg Val Val Ala Ser
1   5   10   15

Gly Val Pro Arg Ser Cys Ser Gly Pro Ala Ala Ser Gly Ser Gly Ser
            20   25   30

Gly Pro Gly Pro Ser Ser Gly Pro Gly Ala Ala Pro Ala Ala Asp Lys
        35   40   45

Glu Arg Glu Ala
    50

<210> 429
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S436L"

<400> 429
His Pro Tyr Gly Ser Lys Trp Val His Arg Gln Ala Leu His Phe Leu
1   5   10   15

Cys Glu Glu Phe Ser Gln Val Met Thr Leu Leu Asp Val Phe Tyr Glu
            20   25   30

Leu Ser Lys Asp His Leu Leu Thr Ala Ile Gln Ser Asp Tyr Leu Gln
        35   40   45

Ala Ser Glu Gln
    50

<210> 430
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L31F"

<400> 430
Thr Arg Ala Ala Thr Met Ile Gly Glu Ile Ala Ala Ala Val Ser Phe
1   5   10   15

Ile Ser Lys Phe Leu Arg Thr Lys Gly Phe Phe Thr Ser Glu Arg Gln
            20   25   30

Leu Gln Thr Phe Ser Gln Ser Leu Gln Glu Leu Leu Ala Glu His Tyr
        35   40   45

Lys His His Trp
    50

<210> 431
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q86K"

<400> 431
Lys Tyr Cys Ala Asn Arg Pro His Val Thr Trp Cys Lys Leu Asn Gly
1   5   10   15

Thr Thr Cys Val Lys Leu Glu Asp Arg Lys Lys Thr Ser Trp Lys Glu
            20   25   30

Glu Lys Asn Ile Ser Phe Phe Ile Leu His Phe Glu Pro Val Leu Pro
        35   40   45

Asn Asp Asn Gly
    50

<210> 432
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L15F"

<400> 432
Met Glu Pro Ala Ala Ala Leu His Phe Ser Leu Pro Ala Ser Phe Phe
1   5   10   15

Leu Leu Leu Leu Leu Leu Leu Leu Leu Ser Leu Cys Ala Leu Val Ser
            20   25   30

Ala Gln Phe Thr Val Val Gly Pro Ala
        35   40

<210> 433
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.E153K"

<400> 433
Phe Gln Asp Gly Asp Phe Tyr Glu Lys Ala Leu Val Glu Leu Lys Val
1   5   10   15

Ala Ala Leu Gly Ser Asn Leu His Val Lys Lys Val Lys Gly Tyr Glu
            20   25   30

Asp Gly Gly Ile His Leu Glu Cys Arg Ser Thr Gly Trp Tyr Pro Gln
        35   40   45

Pro Gln Ile Gln
    50

<210> 434
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I416M"

<400> 434
Phe Asn Asn Gly Met Met Val Thr Cys Ser Lys Asp Arg Ser Ile Ala
1   5   10   15

Val Trp Asp Met Ala Ser Pro Thr Asp Met Met Thr Leu Arg Arg Val
            20   25   30

Leu Val Gly His Arg Ala Ala Val Asn Val Val Asp Phe Asp Asp Lys
        35   40   45

Tyr Ile Val Ser
    50

<210> 435
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G260W"

<400> 435
Thr Asp Ser Leu Trp Arg Gly Leu Ala Glu Arg Arg Gly Trp Gly Gln
1   5   10   15

Tyr Leu Phe Lys Asn Lys Pro Pro Asp Trp Trp Asn Ala Pro Pro Asn
            20   25   30

Ser Phe Tyr Arg Ala Leu Tyr Pro Lys Ile Ile Gln Asp Ile Glu Thr
        35   40   45

Ile Glu Ser Asn
    50

<210> 436
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F996L"

<400> 436
Val Phe Trp Asp Gly Ser Phe Trp Lys Leu Ser Gln Asn Ile Ser Glu
1   5   10   15

Leu Lys Asp Gly Glu Leu Trp Asn Lys Leu Leu Phe Val Arg Ile Leu
            20   25   30

Asn Ala Asn Asp Glu Ala Thr Val Ser Val Leu Gly Glu Leu Ala Ala
        35   40   45

Glu Met Asn Gly
    50

<210> 437
<211> 64
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P1416fs"

<400> 437
Cys Leu Glu Asp Met Pro Gly Leu Val Gly Gly Ser Ser Arg Arg Arg
1   5   10   15

Gly Gly Gly Ser Pro Glu Lys Pro Pro Lys Pro Gln Ala Ala Ser Arg
            20   25   30

Ser Pro Arg Thr Leu Gln Pro Thr Ser Gln Gln Gln Trp Ala Pro Gly
        35   40   45

Leu Trp Thr Thr Gly Pro His Thr Gly Glu Gly Trp Pro Pro Arg Asn
    50   55   60

<210> 438
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V1627I"

<400> 438
Val Leu Arg Pro Ser Thr Ala Glu Leu Val Pro Ala Arg Ser Pro Ser
1   5   10   15

Glu Thr Leu Ala Tyr Gln His Leu Pro Ile Ile Arg Ile Phe Val Ala
            20   25   30

Leu Phe Asp Tyr Asp Pro Val Ser Met Ser Pro Asn Pro Asp Ala Gly
        35   40   45

Glu Glu Glu Leu
    50

<210> 439
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.A85S"

<400> 439
Gly Arg Arg Arg Arg Ser Cys Ser Pro Ala Pro Thr Trp Pro Pro Leu
1   5   10   15

Cys Cys Tyr Pro Gln Ser Arg Pro Thr Ser Ser Ser Ala Ala Gly Pro
            20   25   30

Gly Ala Cys Met Arg Ala Ser Gly Arg Pro His Gly Asn Thr Thr Ala
        35   40   45

Ser Thr Ala Pro
    50

<210> 440
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R1111C"

<400> 440
Lys Gln Thr Ala Ser Gln Val Glu Gln Pro Ile Ile Thr Gln Gly Ser
1   5   10   15

Ser Val Thr Lys Ile Thr Phe Glu Gly Cys Cys Gln Pro Pro Thr Val
            20   25   30

Thr Lys Ile Thr Gly Gly Ser Ser Val Pro Lys Leu Thr Ser Pro Val
        35   40   45

Thr Ser Ile Ser
    50

<210> 441
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.V135L"

<400> 441
Pro Gly Ser Pro Asn Ser Glu Pro Val Gly Trp Ile Ala Val Tyr Gly
1   5   10   15

Gln Gly Tyr Ser Pro Asn Ser Gly Asp Leu Leu Gln Gly Leu Gln Ala
            20   25   30

Ala Trp Glu Ala Leu Gln Thr Ser Gly Arg Pro Ile Thr Pro Gly Thr
        35   40   45

Leu Arg Gln Leu
    50

<210> 442
<211> 98
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S261fs"

<400> 442
Gln Leu Leu Gln Gln His Gly Ala Glu Leu Pro Thr His Pro Ser Lys
1   5   10   15

Lys Arg Lys His Ser Glu Ser Pro Pro Gln His Pro Gln Cys Pro Asp
            20   25   30

Ala Glu Trp Asn Asp Gln Thr Gly Ala Trp Asp Arg Asp Ser Pro Ala
        35   40   45

Ser Ala Pro His Ser Ser Pro Ile Ala Thr Leu Ala Ser Pro Gly Ser
    50   55   60

Ala Leu Pro Gly Pro Trp Phe Leu Ala Ser Gln His Cys Pro Cys Pro
65   70   75   80

Asp Thr Ala Leu Ala Pro Ala Arg Cys Pro Leu Pro Arg Pro Pro Ala
                85   90   95

Gly Gln

<210> 443

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D60V"

<400> 443
Leu Pro Ile Thr His Thr Arg Gln Val Pro Ser Lys Pro Ile Asp His
1 5 10 15

Ser Thr Ile Thr Ser Trp Val Ser Pro Val Val Phe Asp Thr Ala Ala
20 25 30

Gly Ser Leu Phe Pro Ala Tyr Gln Lys His Gln Asn Arg Ala Arg His
35 40 45

Ser Ser Arg Lys
50

<210> 444
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R335Q"

<400> 444
Lys Leu His Arg Leu Gln Thr Ala Leu Ser Leu Tyr Ser Thr Ser Leu
1 5 10 15

Cys Gly Leu Val Leu Leu Val Asp Asn Gln Gln Ile Asn Ser Tyr Ser
20 25 30

Gly Ile Lys Arg Asp Phe Ala Thr Val Cys Gln Glu Cys Thr Asp Phe
35 40 45

His Phe Pro Arg
50

<210> 445

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E28Q"

<400> 445
Ala Pro Ser Gly Thr Val Ser Asp Ser Glu Ser Ser Asn Ser Ser Ser
1 5 10 15

Asp Ala Glu Glu Leu Glu Arg Cys Arg Gln Gln Ala Ala Met Pro Ala
20 25 30

Trp Gly Leu Glu Gln Arg Pro His Val Ala Gly Lys Pro Arg Ala Gly
35 40 45

Ala Ala Asn Ser
50

<210> 446
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K143T"

<400> 446
Val Phe Tyr Asn Gly Glu Asn Ser Pro Val His Lys Glu Lys Arg Glu
1 5 10 15

Ala Ala Lys Lys Lys Gln Glu Arg Lys Thr Thr Arg Ala Lys Glu Thr
20 25 30

Leu Glu Lys Lys Lys Leu Leu Lys Glu Leu Trp Glu Ser Ser Lys Lys
35 40 45

Val His
50

<210> 447

<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R67fs"

<400> 447
Gln Pro Gly Ala Phe Gln Leu Ser Gly Asp Gln Leu Val Val Ala Arg
1 5 10 15

Pro Gly Glu Pro Ala Ala Ala Arg Gly Ala Ser Thr Ser Ser Val Thr
20 25 30

Ala Ser Cys Ala Ser Thr Gly Ser Ser Thr Ala Ser Ala Ala Thr Ser
35 40 45

Arg Gly Met Trp Asn
50

<210> 448
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E295K"

<400> 448
Phe Ser Leu Ala Lys Ser Glu Ile Gly Ser Ser Met Ser Glu Ile Leu
1 5 10 15

Leu Ser Gln Val Thr Asn Met Arg Thr Lys Lys Leu Ser Phe Asn Ile
20 25 30

Gln Ala Leu Ala Val Cys Ala Asn Ile Cys Leu Ala Thr Lys Asp Arg
35 40 45

Gln Asn Pro Ser
50

<210> 449

<211> 93
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R90fs"

<400> 449
Ser Ser Asp Glu Ser Asp Thr Asn Lys Lys Leu Lys Gln Thr Ser Arg
1 5 10 15

Lys Lys Lys Lys Glu Lys Lys Lys Lys Gly Ser Ile Ser Ile Ile Arg
20 25 30

Lys Gln Arg Gly Ser Met Gly Arg Arg Val Ala Ala Gly Leu Arg Gln
35 40 45

Thr Pro Ile Leu Lys Arg Thr Asn Leu Pro Glu Ala Leu Glu Ala Val
50 55 60

Lys Arg Asn Leu Arg Asn Arg Ile Lys Glu Ile Met Leu Gln Leu Ile
65 70 75 80

Leu Asp Ile Ala Leu Phe Gly Leu Arg Thr Phe Arg Leu
85 90

<210> 450
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D115N"

<400> 450
Arg Lys His Gln His His Lys Lys Thr Lys Arg Lys His Gly Pro Ser
1 5 10 15

Ser Ser Ser Arg Ser Glu Thr Asp Thr Asn Asn Ser Glu Lys Asp Lys
20 25 30

Pro Ser Arg Gly Val Gly Gly Ser Lys Lys Glu Ser Glu Glu Pro Asn

35 40 45

Gln Gly Asn Asn
50

<210> 451
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R100I"

<400> 451
Ala Ser Arg Asp Met Tyr Phe Asp Ile Pro Leu Glu His Arg Glu Thr
1 5 10 15

Ser Ile Ile Lys Arg His Pro Pro Gln Ile Ile Leu Gln Lys Leu Glu
20 25 30

Pro Ile Asp Leu Pro Arg Val Ile Thr Ser Gly Arg Leu Leu Ser Gln
35 40 45

Arg Glu Ala Arg
50

<210> 452
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R279I"

<400> 452
Gly Glu Cys Val Pro Gly Phe Thr Val Pro Asn Leu Leu Pro Lys Trp
1 5 10 15

Ala Pro Asp His Cys Ser Glu Val Glu Ile Ile Met Asp Ser Gly Leu
20 25 30

Asp Lys Phe Ser Asp Ser Thr Phe Leu Leu Pro Ser Arg Pro Ala Gln

35 40 45

Arg Gly Tyr His
50

<210> 453
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R6W"

<400> 453
Met Ala Glu Gly Ser Trp Trp Ile Pro Gln Ala Arg Ala Leu Leu Gln
1 5 10 15

Gln Cys Leu His Ala Arg Leu Gln Ile Arg Pro Ala Asp Gly Asp Val
20 25 30

<210> 454
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F230L"

<400> 454
Asp Ser Ala Ala Leu Leu Cys Gln Ala Leu Ser Thr Asn Tyr Gln Ile
1 5 10 15

Lys Lys Leu Asp Leu Ser His Asn Gln Leu Leu Ser Asp Val Gly Gly
20 25 30

Glu His Leu Gly Gln Met Leu Ala Ile Asn Val Gly Leu Thr Ser Leu
35 40 45

Asp Leu Ser Trp
50

<210> 455

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G90V"

<400> 455
Cys Cys Gly Glu Cys Ser Thr Cys Phe Cys Thr Glu Glu Lys Ser Glu
1 5 10 15

Cys Gln Arg His Glu Glu Thr Ser Pro Val Val Ser Cys Asn His Gln
20 25 30

Ile Met Ser Ala Ser Thr Ile Ser Ala Phe Cys Ala Thr Pro Arg Phe
35 40 45

Lys Gln Leu Phe
50

<210> 456
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.P313fs"

<400> 456
Gly Leu Gln Pro Ala Gly Pro Leu Gly Gln Ser His Leu Ala His His
1 5 10 15

Ser Met Ala Pro Tyr Pro Phe Pro Pro Thr Gln Ile
20 25

<210> 457
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V488I"

<400> 457
Leu Ala Leu Pro Ala Asp Leu Val Pro Ile Leu Gly Asp Gln Ser Asn
1   5   10   15

Glu Lys Gly Gly Ser Tyr Asn Ser Val Ile Ile Gly Ala Ala Pro Leu
            20   25   30

Thr Ser Asp Pro Pro Thr Pro Pro Ser Ser Thr Pro Ser Phe Lys Pro
        35   40   45

Pro Val Thr Arg
    50

<210> 458
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V753F"

<400> 458
Pro Gly Ser Gly Asn Thr Gln Pro Ser Gly Asn Thr Ala Ser Val Gln
1   5   10   15

Gly Ser Thr Ser Leu Pro Ala Gln Ser Phe Phe Arg Ala Pro Ala Thr
            20   25   30

Ala Ser Asn His Pro Leu Asn Pro Gly Ala Thr Pro Gln Pro Lys Phe
        35   40   45

Gly Ala Pro Asp
    50

<210> 459
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G906W"

<400> 459
Arg Arg Pro Thr Thr Thr Ser Ser His Pro Leu Asn Thr Gly Ser Ile
1   5   10   15

Ser His Ser Thr Leu Gly Ala Thr Asp Trp Trp Gln Gln Lys Ser Asp
            20   25   30

Ser Ser Phe Ile Leu Gly Asn Pro Ala Thr Pro Ala Pro Val Ile Gly
        35   40   45

Leu Thr Ser Pro
    50

<210> 460
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S24F"

<400> 460
Met Ala Ala Pro Glu Ala Pro Pro Leu Asp Arg Val Phe Arg Thr Thr
1   5   10   15

Trp Leu Ser Thr Glu Cys Asp Phe Phe His Pro Leu Pro Pro Ser Tyr
            20   25   30

Arg Lys Phe Leu Phe Glu Thr Gln Ala Ala Asp Leu Ala Gly Gly Thr
        35   40   45

Thr Val
    50

<210> 461
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D340N"

<400> 461
Gly Ser Lys Lys Ala Pro Ala Lys Ser Val Lys Glu Arg Ile Ala Asp
1   5   10   15

Ser Gln Glu His Ile Ser Thr Ser Ile Asn Asn Phe Asn Ile Ile Lys
            20   25   30

Ile Leu Asn Asn Pro Arg Ala Tyr Thr Leu Pro Ile Ser Lys Glu Glu
        35   40   45

Ser Arg Leu Ser
    50

<210> 462
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.G98fs"

<400> 462
Arg Lys Lys Asn Gln Ala Leu Leu Arg Arg Tyr Gln Glu Ile Gln Glu
1   5   10   15

Asp Arg Arg Gln Ala Glu Gln Gly Gly Trp Leu
            20   25

<210> 463
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G65S"

<400> 463
Arg Ala Cys Pro Val Ala Cys Pro Val Gly Cys Pro Ile Ala Cys Pro

1 5 10 15

Val Ser Cys Pro Val Ala Cys Pro Val Ser Ser Cys Pro Val Gly Ser
20 25 30

Met Ala Thr Ala Pro Gln Gly Leu Ser Pro Gln Glu Trp Glu Ala Asp
35 40 45

Arg Glu Thr Gly
50

<210> 464
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D118A"

<400> 464
Arg Ala Ser Asn Glu Thr Leu Val Ser Cys Ser Ser Ser Gly Ser Asp
1 5 10 15

Gln Gln Arg Thr Ile Arg Glu Pro Glu Ala Ala Trp Gly Pro Tyr Arg
20 25 30

Arg His Arg Asn Pro Ser Thr Ala Asp Ala Tyr Asn Ser His Leu Lys
35 40 45

Glu

<210> 465
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L244I"

<400> 465
Ser Asp Thr Ser Val Ile Gln Phe Tyr Pro Ser Lys Phe Val Leu Ile

1 5 10 15

Thr Asp Ile Leu Asp Thr Phe Gly Lys Ile Ile Val Tyr Glu Arg Ile
20 25 30

Phe Ser Met Cys Val Asp Ser Arg Ser Val Leu Pro Asp His Phe Ser
35 40 45

Pro Glu Asn Ala
50

<210> 466
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S21del"

<400> 466
Met Gly Leu Lys Met Ser Cys Leu Lys Gly Phe Gln Met Cys Val Ser
1 5 10 15

Ser Ser Ser Ser His Asp Glu Ala Pro Val Leu Asn Asp Lys His Leu
20 25 30

Asp Val Pro Asp Ile Ile Ile Thr Pro Pro Thr Pro Thr Gly Met Met
35 40 45

<210> 467
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R151I"

<400> 467
Ala Asn Leu Ser Asp Glu Lys Ala Phe Val Phe Ser Val Ala Leu Ala
1 5 10 15

Glu Ile Asn Arg Lys Ile Ile Asn Gln Ile Ile Leu Ile Leu

20 25 30

<210> 468
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L63V"

<400> 468
Leu Cys Leu Arg Ala Leu Ala Phe Cys Ala Leu Ala Lys Pro Arg Ala
1 5 10 15

Ser Ser Leu Gly Pro Gly Pro Gly Glu Val Val Ala Ala Arg Ser Pro
20 25 30

Val Leu Arg Gly Pro Gln Ala Pro Leu Arg Pro Gly Gly Trp Ala Pro
35 40 45

Asp Gly Leu Lys
50

<210> 469
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G12R"

<400> 469
Met Ala Ala Pro Ser Gly Gly Trp Asn Gly Val Arg Arg Ala Ser Leu
1 5 10 15

Trp Ala Ala Leu Leu Leu Gly Ala Val Ala Leu Arg Pro Ala Glu Ala
20 25 30

Val Ser Glu Pro Thr Thr
35

<210> 470

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R262C"

<400> 470
Pro His Leu Ala Asn Gly His Val Val Pro Ile Lys Pro Gln Val Lys
1 5 10 15

Gly Val Val Arg Glu Glu Asn Lys Val Cys Cys Ala Val Pro Thr Trp
20 25 30

Ala Ser Val Gln Val Val Asp Asp Pro Gly Ser Leu Ala Ser Val Glu
35 40 45

Ser Pro Gly Thr
50

<210> 471
<211> 63
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P50fs"

<400> 471
Tyr Asp Gln Glu Leu Leu Gly Pro Ser Asp Lys Ser Gln Ala Ala Leu
1 5 10 15

Gln Lys Ala Gly Glu Val Val Pro Pro Pro Cys Thr Ser Ser Ala Ser
20 25 30

Thr Cys Val Ser Arg Gln Ala Cys Arg Tyr Pro Ser Ser Gln Pro Leu
35 40 45

Gln Arg Phe Thr Phe Pro Ser Val Thr Pro Gly Met Gln Ala Ser
50 55 60

<210> 472

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T225I"

<400> 472
Glu Ser Asp Ile Phe Ser Ile Arg Glu Val Ser Phe Gln Ser Thr Gly
1 5 10 15

Glu Ser Glu Trp Lys Asp Thr Asn Tyr Ile Ile Leu Asn Thr Asp Ser
20 25 30

Leu Asp Trp Ala Leu Tyr Asp His Leu Met Asp Phe Leu Ala Asp Arg
35 40 45

Gly Val Asp Asn
50

<210> 473
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G194fs"

<400> 473
Cys Val Trp His Ile Gln Val Ala Thr Asp His Ala Ile Gln Leu Lys
1 5 10 15

Ile Glu Ala Leu Ser Ile Glu Ser Val Gly Leu Leu Pro Phe
20 25 30

<210> 474
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P308fs"

<400> 474
Asn Cys Ala Asp Gly Ser Asp Glu Thr Asn Cys Ser Ala Lys Phe Ser
1   5   10   15

Gly Ser Val Glu Gln Ser His Pro Pro Pro Arg Leu Leu Ala Pro
            20   25   30

<210> 475
<211> 124
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P216fs"

<400> 475
Ala Glu Cys Ser Ser Glu Leu Tyr Thr Glu Ala Ser Gly Tyr Ile Ser
1   5   10   15

Ser Leu Glu Tyr Pro Arg Ser Tyr Pro Leu Thr Cys Ala Ala Thr Thr
            20   25   30

Ala Ser Gly Trp Ser Gly Ala Ser Pro Cys Thr Ser Ser Ser Trp Ser
        35   40   45

Leu Leu Ile Leu Met Thr Thr Ser Lys Tyr Thr Ala Pro Met Thr Ser
    50   55   60

Tyr Arg Ser Met Pro Thr Gly Arg Thr Leu Ala Ser Ser Val Gly Ser
65   70   75   80

Lys Gly Pro Pro Thr Ser Thr Pro Ala Ala Met Leu Trp Ile Cys Cys
                85   90   95

Ser Ser Gln Met Ser Arg Gly Thr Ala Gly Ala Gly Ser Cys Ala Thr
            100   105   110

Pro Pro Arg Ser Ser Ser Ala Pro Ser Pro Arg Pro
        115   120

<210> 476

<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L351fs"

<400> 476
Pro Asp Tyr Arg Gln Asn Glu Ser His Asn Phe Ser Gly Asp Ile Ala
1 5 10 15

Leu Leu Glu Leu Gln His Ser Ile Pro Trp Ala Pro Thr Ser Ser Arg
20 25 30

Ser Val Cys Pro Ile Met Arg Pro Ser Thr Ala Ala Ala Cys Trp Ala
35 40 45

Thr Ser Val Gly Leu Ala Trp Arg Trp Ala Gly
50 55

<210> 477
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R538C"

<400> 477
Pro Pro Gly Tyr Phe Pro Ala Gly Arg Tyr Val Val Val Ala Glu Ser
1 5 10 15

Pro Leu Pro Pro Gly Glu Trp Glu Leu Cys Cys Arg Ala Ala Pro Gly
20 25 30

Pro Ala Tyr Glu Glu Glu Gly Thr Pro Leu Arg Tyr Gln Arg Leu Val
35 40 45

Pro Ser Arg Ser
50

<210> 478

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S123G"

<400> 478
Trp Trp His Leu Arg Ala Leu Gly Pro Asp Ala Thr Ser Ser Cys Thr
1 5 10 15

Lys Thr Pro Ser Ala Leu Glu Pro Leu Gly Gly Ser Ser Thr Leu Gln
20 25 30

Asp Ser Leu Glu Lys Val Pro Arg Ala Pro Thr Leu Pro Asp Thr Leu
35 40 45

Gln Gly Ser Leu
50

<210> 479
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S688Y"

<400> 479
Glu Ser Phe Glu Asn Val Leu Lys Glu Gly Thr Glu Lys Gly Thr Gln
1 5 10 15

Glu Ile Ala Glu Gly Leu Ser Glu Lys Tyr Tyr Gly Lys His Val Ser
20 25 30

Ala Glu Glu Lys Glu Lys Asp Lys Ser Lys Leu Trp Glu Glu Ser Thr
35 40 45

Ala Gln Val Lys
50

<210> 480

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G1454S"

<400> 480
Ala Gly Val Gly Thr Pro Gly Ala Leu Glu Arg Lys Thr Ser Gly Leu
1 5 10 15

Gly Gln Glu Gln Glu Glu Gly Ser Glu Ser Ser Gln Glu Ala Ala Thr
20 25 30

Gly Ser Gly Asp Gly Arg Gln Glu Thr Gly Ala Ala Glu Lys Phe Arg
35 40 45

Leu Gly Leu Ser
50

<210> 481
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D254N"

<400> 481
Pro Gly Leu Arg Asp Ile Leu Asn Thr Trp Glu Lys Asp Leu Arg Thr
1 5 10 15

Arg Phe Arg Thr Gln Asn Asp Phe Ala Asn Asn Leu Ser Ile Ser Ser
20 25 30

Glu Ile Val Thr Leu Pro Ala Val Ala Leu
35 40

<210> 482
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R541L"

<400> 482
Leu Ser Pro Gln Lys Ile Asp Gln Ala Leu Arg Arg Phe Arg Ser Gly
1 5 10 15

Glu Asn Met Leu Leu Glu Pro Ala Leu Leu Leu Tyr Leu Lys Glu Leu
20 25 30

<210> 483
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E382D"

<400> 483
Leu Lys Leu Pro Leu Arg Phe Gln Arg Leu Gly His Leu Val Ala Leu
1 5 10 15

Met Ala Leu Leu Cys Gly Asp Pro Gln Asp Asp Lys Val Ala Glu Glu
20 25 30

Ala Ala Glu Gly Ile His Ser Leu Leu His Ile Thr Leu Arg Leu Lys
35 40 45

Tyr Ile Thr His
50

<210> 484
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.P46fs"

<400> 484
Lys Ala Gly Arg Arg Ala Ala Cys Arg Ser Ser Val Ser Arg Arg Pro
1   5   10   15

Leu His Ser Met Pro Leu Tyr Pro Pro Thr Thr Ser Ser Thr Pro Arg
            20   25   30

Phe Cys Cys Val Thr Thr Trp Arg Lys Arg Ser Ser Ser Trp Ala Thr
        35   40   45

Leu Pro Gly
    50

<210> 485
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R1088Q"

<400> 485
Leu Glu Val Gln Met Ala Gln Pro Asn Tyr Gly Leu Glu Leu Val Thr
1   5   10   15

Gly Ser Ala Lys Asn Gly Thr Tyr Phe Gln Gln Ile His Ile Asn Lys
            20   25   30

Tyr Lys Met Val Glu Thr Ile Thr Cys Leu Ser Arg Glu Pro Phe Pro
        35   40   45

Ala Ser Asn Tyr
    50

<210> 486
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P28L"

<400> 486
Ala Ser Ala Thr Ala Ala Trp His Cys Pro Pro Leu Cys Leu Pro Pro
1   5   10   15

Leu Pro Ala Ser Ala Pro Thr Ser Pro Leu Leu Asn Pro Ala Thr Arg
            20   25   30

Pro Ala Pro Gly Pro Gly Arg Arg Ala Arg Cys Pro Gln Ser Ala His
        35   40   45

Pro Ala Pro Thr
    50

<210> 487
<211> 209
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P32fs"

<400> 487
Arg Pro Leu Gly Val Phe Glu Cys Glu Leu Cys Thr Leu Thr Ala Pro
1   5   10   15

Tyr Ser Tyr Val Gly Gln Lys Pro Pro Gln His Pro Val Asp Gly Pro
            20   25   30

Pro Gly Gly Lys Leu Cys His Glu Gly Ser Leu His Leu Arg Gln Gly
        35   40   45

Gln Ile Pro Gly Pro Arg Leu Val Leu Gln Phe Val Gln Gln Ala Gly
    50   55   60

Val Cys Gly Pro Gly Met Gln Phe Ile Leu Leu Gln Glu Ile Leu Pro
65   70   75   80

Pro Leu Cys Pro Gly Glu His Gln Cys Phe Ser Ser Gly Asn Ser Ala
                85   90   95

Arg Leu Gly Glu Lys Glu Ser Ser Ile Lys Glu Asp Pro Gln Pro Ala
            100   105   110

Arg Phe Ser Asp Val Ser Ala Thr Gly Ala Arg Ser Ser Gly Gly Thr

115 120 125

Leu His Arg Ala Pro Gly Pro Ala Cys Ala Arg Asp Ala Ala Glu Leu
130 135 140

Gly Ala Ala Met Pro Gly Leu Val Ser Gly Pro Leu Gly Ala Ala Leu
145 150 155 160

Gln Pro Arg Gly Ala Gly Val Gln Leu Gly Ala Ala Thr Gly Pro Gly
165 170 175

Ser Cys Ser Lys Arg Val Val Gln Arg Gln Met Pro Asp Lys Thr Gln
180 185 190

Pro Gly Thr Arg Pro Gly Pro Pro Thr Cys Pro Ser Gly Pro Arg Pro
195 200 205

Glu

<210> 488
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K19E"

<400> 488
Met Gly Asn Ile Leu Thr Cys Cys Ile Asn Ser His Cys Gly Trp Pro
1 5 10 15

Arg Gly Glu Glu Asp Ala Pro Cys Tyr Glu Ser Asp Thr Asp Ile Tyr
20 25 30

Glu Thr Val Ala Ala Ala Thr Ser Glu Ser Thr Thr Val
35 40 45

<210> 489
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N456K"

<400> 489
Ile Met Leu Glu Glu Glu Pro Ser Ile Thr Ser Gly Glu Ser Gln Thr
1   5   10   15

Thr Tyr Ser Thr Phe Ser Ala Pro Leu Lys Lys Lys Ala Asn Arg Lys
            20   25   30

Lys Leu Ile Glu Ser Leu Ser Pro Asp Phe Cys His Gln Asn Lys Gly
        35   40   45

Leu Leu Leu Thr
    50

<210> 490
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P272H"

<400> 490
Val Glu Tyr Pro Ile Cys Leu Val Cys Leu Arg Pro Arg Ser Pro Ser
1   5   10   15

Cys Pro Leu Pro Arg Tyr Arg Thr Gly His His Arg Leu Leu Ala Phe
            20   25   30

Pro Gln Leu Leu Pro Cys Val Gln Gly Gln Glu Ser Gly Pro Leu Arg
        35   40   45

Ile Gly Ile Gly
    50

<210> 491
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.1225_1226insS"

<400> 491
Gly Arg Pro Gln Pro Pro Thr Leu Asp Pro Thr Ser Thr Ser Tyr Glu
1   5   10   15

Ser Gln Leu Gly Gln Asn Ser Ser Ser Ser Ser Glu Glu Ser Pro Lys
            20   25   30

Lys Asp Thr Glu Pro Gly Ser Ser Pro Cys Ser Pro Glu Leu Gln Gly
        35   40   45

Gly Thr Arg Arg Ala Ser
    50

<210> 492
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T315P"

<400> 492
Leu Glu Leu Arg Ser Glu Gly Val Pro Cys Ile Ala Ser Gly Val Leu
1   5   10   15

Val Ser Tyr Pro Ser Val Gly Gly Ala Pro Pro Arg Pro Ser Ala Ser
            20   25   30

Cys Gln Gln Gln Arg Ala Gly His Ser Asp Val Arg Leu Ser Ala His
        35   40   45

His His Arg Met
    50

<210> 493
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P890fs"

<400> 493
Leu Leu His Asn Pro Ala Phe Cys Ser Leu Ala Thr Thr Lys Arg Arg
1   5   10   15

His Gln Gln Thr Val Thr Ile Pro Pro Ser Pro Arg Cys Pro Phe His
            20   25   30

Met Ser Ser Cys Arg
        35

<210> 494
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R552Q"

<400> 494
Arg Thr Cys His Ala Leu Gln Glu Asp Glu Lys Leu Val Lys Lys Ala
1   5   10   15

Glu Lys Gln Val Thr Leu Ala Leu Gln Gln Gln Gln Arg Asn Leu His
            20   25   30

Glu His Lys Val Ser Leu Val Glu Asn His Leu Ala Gly Leu Glu Gly
        35   40   45

Arg Ala Leu Ala
    50

<210> 495
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R740L"

<400> 495
Ile Ile Ser Ser Gln Asn Tyr Thr Ser Thr Gly Gln Leu Gln Trp Leu
1   5   10   15

Leu Asn Thr Leu Tyr Asn His Gln Gln Leu Leu Gly Arg Gly Ser Pro
            20   25   30

Cys Ile Gln Cys Arg Tyr Asp Ser Tyr Arg Leu Leu Gln Tyr Asp Leu
        35   40   45

Asp Ser Pro Leu
    50

<210> 496
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R217C"

<400> 496
Ser Trp Leu Asp Asn Asn Gly Lys Ser Ala Val Lys Lys Leu Lys Asn
1   5   10   15

Ser Leu Pro Leu Arg Lys Glu Leu Asp Cys Cys Leu Lys Asp Glu Leu
            20   25   30

Ser His Gln Leu Gln Leu Ser Asp Ile Arg Trp Gln Arg Ser Trp Gly
        35   40   45

Ile Ala His Arg
    50

<210> 497
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.D227E"

<400> 497
Ala Glu Arg Arg Thr Ser Glu Gln Ile Thr His Arg Leu Ser Lys Leu
1   5   10   15

Ser Glu Arg Arg Pro Ser Val Gln Ile Glu Glu Ser Gly Ser Ser Val
            20   25   30

Pro Ser Asp Gln Ser Pro Ser Val Gln Ile Asp Ser Gly Ser Ser Val
        35   40   45

Pro Ser Asp Gln
    50

<210> 498
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R333W"

<400> 498
Leu Ala Leu Ala Gln Glu Phe Gln Met Lys Thr Val Thr Val Ser Leu
1   5   10   15

Glu Asp His Thr Phe Ala Asp Val Val Trp Trp Leu Val Ser Asn Ala
            20   25   30

Ser Met Leu Val Ser Met His Gly Ala Gln Leu Val Thr Thr Leu Phe
        35   40   45

Leu Pro Arg Gly
    50

<210> 499
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R185Q"

<400> 499
Ser Asn Met Pro Leu Asn Asn Ser Ser Gln Glu Val Thr Lys Asp Leu
1   5   10   15

Leu Asp Met Ile Asp His Thr Ser Ile Gln Gln Thr Ile Glu Glu Leu
            20   25   30

Ala Gly Lys Ile Glu Phe Glu Asn Glu Leu Asn His Met Cys Gly His
        35   40   45

Cys Gln Asp Ser
    50

<210> 500
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S6L"

<400> 500
Met Ser Ala Ala Ala Leu Leu Pro Ala Ser Glu Arg Gly Trp Lys Ser
1   5   10   15

Glu Lys Leu Asp Glu Ala Gln Ala Leu Ala Arg Ser Cys Ala Ala Arg
            20   25   30

<210> 501
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E800Q"

<400> 501
Ser Lys Asp Thr Glu Ala His Ile Ser Glu Pro Glu Asp Leu Gly Lys
1   5   10   15

Ile Arg Ser Pro Pro Pro Asp His Val Gln Gln Val Glu Thr Ala Arg

20 25 30

Glu Gly Lys Gln Tyr Trp Asn Pro Arg Asn Ser Ser Glu Leu Ser Gly
35 40 45

Leu Val Asn Thr
50

<210> 502
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D4N"

<400> 502
Met Glu Val Asn Asn Ile Asn Gly Glu Ser Arg Ser Thr Leu Thr Thr
1 5 10 15

Leu Pro Phe Pro Gly Ala Glu Ala Asn Ser Pro Gly Lys Ala
20 25 30

<210> 503
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R114Q"

<400> 503
Leu Phe Phe Trp Ser Phe Asn Gly Leu Leu Leu Val Val Asp Thr Thr
1 5 10 15

Gly Lys Pro Asn Phe Ile Ser Arg Tyr Gln Gln Ile Gln Val Gly Lys
20 25 30

Asn Glu Pro Val Asp Pro Val Lys Leu Arg Gln Ser Ile Arg Thr Val
35 40 45

Leu Phe Asn Gln

50

<210> 504
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q245R"

<400> 504
Pro Arg Ala Ala Gly Ala Pro Arg Pro Arg Leu Leu Leu Arg Thr Gly
1 5 10 15

Ser Leu Asp Glu Ser Leu Gly Pro Leu Arg Arg Ala Ala Ala Gly Phe
20 25 30

Val Gln Thr Ala Leu Ala Arg Lys Leu Ser Pro Glu Ala Pro Ala Pro
35 40 45

Ser Ser Ala Thr
50

<210> 505
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K724T"

<400> 505
Arg Thr Gly Ala Ile Asn Glu Cys Val Thr Phe Ile Phe Asn Arg Tyr
1 5 10 15

Ala Lys Lys Leu Gln Val Ser Arg His Thr Thr Lys Phe Gly Tyr Gly
20 25 30

Val Leu Val Thr Arg Val Ala Ser Thr Ala Ala Gly Gly Ile Ala Leu
35 40 45

Lys Lys Ser Gly

50

<210> 506
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P58fs"

<400> 506
Gly Met Ser Glu Lys Ala Ile Glu Lys Phe Ile Arg Gln Leu Leu Glu
1 5 10 15

Lys Asn Glu Pro Gln Arg Pro Pro Pro Ala Val Ser Ser Pro Tyr Ser
20 25 30

Cys Val

<210> 507
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R687S"

<400> 507
Gly Met Ser Leu Glu Gly Pro Ser Ala Phe Leu Cys Gly Ser Ser Leu
1 5 10 15

Lys Trp Ser Pro Glu Met Lys Asn Ala Ser Ser Cys Val Gln Lys Glu
20 25 30

Asn Pro Leu Thr Gln Ala Val Pro Lys Cys Gln Arg Trp Glu Lys Leu
35 40 45

Gln Asn Ser Arg
50

<210> 508

<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G130fs"

<400> 508
Gly Ser Ser Ser Glu Glu Glu Asp Ser Gly Lys Gln Ala Leu Ala Pro
1 5 10 15

Gly Leu Ser Pro Ser Gln Arg Pro Gly Val Pro Ala Leu Pro Val Ala
20 25 30

Gly Ala Leu Arg Arg Arg Arg Lys Arg Met Cys
35 40

<210> 509
<211> 160
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L179fs"

<400> 509
Arg Ala Arg Glu Leu Thr Val Gln Lys Ala Glu Ala Leu Met Arg Glu
1 5 10 15

Leu Asp Glu Glu Gly Ser Asp Pro Pro Cys Arg Gly Gly Pro Ser Ala
20 25 30

Ser Asp Arg Cys Cys Ser Cys Ser Pro Ser Gly Phe Ser Ala Gly Arg
35 40 45

Gly Arg Cys Pro Val Gln Gly Cys Leu Arg Pro His Arg Val Gln Leu
50 55 60

Leu Arg Arg Trp Gly Pro Gly Ser Pro Ala Gly Gln Arg Leu Ser Lys
65 70 75 80

Gly Phe Gln Leu Leu Arg Trp Trp Gly Pro Gly Ser Pro Ala Pro Glu

```
                85                  90                  95

Pro Arg Lys Gly Pro Phe Pro Pro Pro Asp Pro Pro Trp Pro Val Thr
            100                 105                 110

Ala Val Thr Val Met Ala Gly Ser Val Pro Ser Ala Gln Ser Val Asp
        115                 120                 125

Ala Leu Glu Ser Pro Gly Pro Leu Ala Leu Glu Gly Pro Ser Ser Pro
    130                 135                 140

Arg Asn Leu Leu Trp Arg Glu Met Ser Ile Phe Leu Pro Gly Ile Phe
145                 150                 155                 160


<210> 510
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.E30K"

<400> 510
Ser Lys Glu Leu Gln Gly Ala Thr His Arg Tyr Ala Pro Cys Asp Trp
1               5                   10                  15

Tyr Tyr His Val Pro Val Lys Arg Ser Lys Lys Lys Ala Val Asp Ala
            20                  25                  30

Pro Pro Ala Ser Gln Ile Pro Gly Leu Ser Asn Leu Gly Asp Ser His
        35                  40                  45

Ser Glu Asn Leu
    50


<210> 511
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
```

<223> /note="p.G140W"

<400> 511
His Gln His Ile Leu Thr Gln His Gly Tyr Thr Val Val Ile Ala Glu
1   5   10   15

Glu Arg Leu Asn Ala Gly Leu Gly Pro Trp Trp Leu Leu Glu Gln Gly
            20   25   30

Asp Leu Gly Ser Trp Asp Leu Leu Ile Cys Leu Ser Ser Lys Lys Ala
        35   40   45

Glu Gly Thr Pro
    50

<210> 512
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R238L"

<400> 512
Pro Ser Val Cys Leu Asp Gln Gly Met Gln Leu Lys Pro Ser Thr Ser
1   5   10   15

Ser His Leu Leu Lys Thr Val Lys Pro Leu Leu Val Trp Lys Pro Gly
            20   25   30

Asp Trp Ser Arg Glu Gln Leu Asn Glu Thr Thr Val Leu Ala Pro His
        35   40   45

Glu Thr Ile Phe
    50

<210> 513
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.A10T"

<400> 513
Met Trp Thr Glu Glu Ala Gly Ala Thr Thr Thr Glu Ala Gln Glu Ser
1   5   10   15

Gly Ile Arg Asn Lys Ser Ser Ser Ser Ser Gln Ile Pro Val Val Gly
            20   25   30

Val Val Thr Glu
        35

<210> 514
<211> 73
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P342fs"

<400> 514
Gly Tyr Glu Thr His Leu Glu Thr Thr Gly His Lys Lys Met Pro Gln
1   5   10   15

Ala Phe Glu Pro Pro Met Pro Pro Pro Ala Asn Pro Gln Leu Leu Cys
            20   25   30

Gln Asn Pro Glu Lys Leu Ala Leu Lys Glu Asp Leu Leu Tyr Leu Arg
        35   40   45

Thr Ser Gly Glu Pro Trp Asp Thr Glu Arg Asn Leu Arg Pro Leu Ser
    50   55   60

Leu Gln Cys Gln Ser Leu Ala Leu Pro
65   70

<210> 515
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R136W"

<400> 515
Ile Thr Asn His Arg Glu Lys Lys Leu Gln Gln Ser Thr Lys Tyr Trp
1   5   10   15

Cys Leu Asn Gln Ser Ala Glu Ser Leu Trp Trp Ile Cys Ala Met Arg
            20   25   30

Gly Gly Glu Asn Arg Pro Pro Ala Arg Val Gln Ser Ser Ser Glu Glu
        35   40   45

Leu Glu Leu Arg
    50

<210> 516
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R145fs"

<400> 516
Asn Gly Asp Gly Glu Ile Thr Leu Val Glu Leu Gln Gln Ala Met Gln
1   5   10   15

Arg Leu Leu Gly Glu Arg Leu Thr Pro Gly Arg Ser Leu Arg Leu Ser
            20   25   30

Gly Arg Leu Met Leu Met Glu Thr Ala Gln Leu Thr Leu Lys Ser Leu
        35   40   45

<210> 517
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S720Y"

<400> 517
Ser Leu Met Asp Lys Ala Phe Asp Pro Thr Arg Arg Gln Trp Tyr Leu

1 5 10 15

His Ala Val Ala Asn Pro Gly Leu Ile Tyr Tyr Leu Thr Gly Pro Tyr
20 25 30

Leu Asp Val Gly Gly Ala Gly Tyr Val Val Thr Ile Ser His Thr Ile
35 40 45

His Ser Ser Ser
50

<210> 518
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T665M"

<400> 518
Asn Phe Asp Glu Gly Thr Pro Pro Thr Asn Phe Asp Thr Phe Pro Ala
1 5 10 15

Ala Ile Met Thr Val Phe Gln Ile Leu Met Met Gly Glu Asp Trp Asn
20 25 30

Glu Val Met Tyr Asp Gly Ile Lys Ser Gln Gly Gly Val Gln Gly Gly
35 40 45

Met Val Phe Ser
50

<210> 519
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S772Y"

<400> 519
Glu Val Ser Pro Leu Ser Ala Ala Asn Met Ser Ile Ala Val Lys Glu

1 5 10 15

Gln Gln Lys Asn Gln Lys Pro Ala Lys Tyr Tyr Val Trp Glu Gln Arg
20 25 30

Thr Ser Glu Met Arg Lys Gln Asn Leu Leu Ala Ser Arg Glu Ala Leu
35 40 45

Tyr Asn Glu Met
50

<210> 520
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S710L"

<400> 520
Arg Arg Ser Thr Phe Asp Asn Phe Pro Gln Ser Leu Leu Thr Val Phe
1 5 10 15

Gln Ile Leu Thr Gly Glu Asp Trp Asn Leu Leu Val Met Tyr Asp Gly
20 25 30

Ile Met Ala Tyr Gly Gly Pro Ser Phe Pro Gly Met Leu Val Cys Ile
35 40 45

Tyr Phe Ile Ile
50

<210> 521
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1073L"

<400> 521
Ala Lys Ser Asn Pro Glu Glu Cys Arg Gly Leu Phe Ile Leu Tyr Lys

1 5 10 15

Asp Gly Asp Val Asp Ser Pro Val Val Leu Leu Glu Arg Ile Trp Gln
20 25 30

Asn Ser Asp Phe Asn Phe Asp Asn Val Leu Ser Ala Met Met Ala Leu
35 40 45

Phe Thr Val Ser
50

<210> 522
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A352E"

<400> 522
Ala Lys Gly Ile Thr Asp Tyr Lys Lys Gly Phe Ser Phe Ala Phe Glu
1 5 10 15

Gln Leu Leu Asn Tyr Asn Val Ser Arg Glu Glu Asn Cys Asn Lys Ile
20 25 30

Ile Met Leu Phe Thr Asp Gly Gly Glu Glu Arg Ala Gln Glu Ile Phe
35 40 45

Asn Lys Tyr Asn
50

<210> 523
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A332T"

<400> 523
Cys Leu Asn Gly Thr Leu Val Gln Ala Asp Arg Thr Asn Lys Glu His

1 5 10 15

Phe Arg Glu His Leu Asp Lys Leu Phe Thr Thr Lys Gly Ile Gly Met
20 25 30

Leu Asp Ile Ala Leu Asn Glu Ala Phe Asn Ile Leu Ser Asp Phe Asn
35 40 45

His Thr Gly Gln
50

<210> 524
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R608H"

<400> 524
Ala Ser His Arg Asp His Asn His Arg Asp Glu Thr His Gly Ser Ser
1 5 10 15

Asp His Arg His Arg Glu Ser Arg His His His Ser Arg Asp Val Asp
20 25 30

Arg Glu Gln Asp His Asn Glu Cys Asn Lys Gln Arg Ser Arg His Lys
35 40 45

Ser Lys Asp Arg
50

<210> 525
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V134I"

<400> 525
Ile Leu Ser Val Thr Leu Leu Phe Phe Gly Gly Leu Cys Val Ala Ala

1 5 10 15

Ser Glu Phe His Arg Ser Arg His Asn Ile Ile Ile Leu Ser Ala Gly
20 25 30

Ile Phe Phe Val Ser Ala Gly Leu Ser Asn Ile Ile Gly Ile Ile Val
35 40 45

Tyr Ile Ser Ala
50

<210> 526
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A138V"

<400> 526
Thr Leu Leu Phe Phe Gly Gly Leu Cys Val Ala Ala Ser Glu Phe His
1 5 10 15

Arg Ser Arg His Asn Val Ile Leu Ser Val Val Gly Ile Phe Phe Val
20 25 30

Ser Ala Gly Leu Ser Asn Ile Ile Gly Ile Ile Val Tyr Ile Ser Ala
35 40 45

Asn Ala Gly Asp
50

<210> 527
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R232W"

<400> 527
Leu Arg Ala Lys Ser His Ser Glu Phe Leu Lys Lys Ser Thr Phe Ala

1 5 10 15

Arg Leu Pro Pro Tyr Arg Tyr Arg Phe Trp Trp Arg Arg Ser Ser Ser
20 25 30

Arg Ser Thr Glu Pro Arg Ser Arg Asp Leu Ser Pro Ile Ser Lys Gly
35 40 45

Phe His Thr Ile
50

<210> 528
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G121R"

<400> 528
Met Ile Arg Ser Ala Thr Pro Phe Pro Leu Val Ser Leu Phe Phe Met
1 5 10 15

Phe Ile Gly Phe Ile Leu Asn Asn Ile Arg Arg His Ile Arg Pro His
20 25 30

Arg Thr Ile Leu Ala Phe Val Ser Gly Ile Phe Phe Ile Leu Ser Gly
35 40 45

Leu Ser Leu Val
50

<210> 529
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V146G"

<400> 529
Leu Arg Val Val Arg Ala Ser Ser Ile Phe Pro Ile Leu Ser Ala Ile

1 5 10 15

Leu Leu Leu Leu Gly Gly Val Cys Val Gly Gly Ala Ser Arg Val Tyr
20 25 30

Lys Ser Lys Arg Asn Ile Ile Leu Gly Ala Gly Ile Leu Phe Val Ala
35 40 45

Ala Gly Leu Ser
50

<210> 530
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S190L"

<400> 530
Asn Cys Thr Ala Met Ala Ser Lys Pro Ala Thr Thr Ile Arg Trp Phe
1 5 10 15

Lys Gly Asn Thr Glu Leu Lys Gly Lys Leu Leu Glu Val Glu Glu Trp
20 25 30

Ser Asp Met Tyr Thr Val Thr Ser Gln Leu Met Leu Lys Val His Lys
35 40 45

Glu Asp Asp Gly
50

<210> 531
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R959S"

<400> 531
Asp Ala Ala Leu Glu Val Gln Pro Pro Asp Thr Trp Asp Ser Phe Pro

1 5 10 15

Leu Phe Gln Leu Leu Asn Asp Phe Leu Ser Ser Thr Asp Tyr Asn Leu
20 25 30

Cys Asn Gly Lys Phe His Lys His Leu Gln Asp Leu Phe Ala Pro Leu
35 40 45

Val Val Arg Tyr
50

<210> 532
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A1073T"

<400> 532
Pro Ser Trp Met Ala Ala Ile Tyr Asp Ala Asp Asn Gly Ser Gly Thr
1 5 10 15

Ser Glu Asp Leu Phe Trp Lys Leu Asp Thr Thr Leu Gln Thr Phe Ile
20 25 30

Arg Asp Leu His Trp Pro Glu Glu Glu Phe Gly Lys His Leu Glu Gln
35 40 45

Arg Leu Lys Leu
50

<210> 533
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K60N"

<400> 533
Tyr Ile Glu Gly Lys Glu Leu Glu Asn Phe Phe Gln Glu Leu Glu Lys

1 5 10 15

Ala Arg Lys Gly Ser Gly Met Met Ser Asn Asn Ser Asp Asn Phe Gly
20 25 30

Glu Lys Met Lys Glu Phe Met Gln Lys Tyr Asp Lys Asn Ser Asp Gly
35 40 45

Lys Ile Glu Met
50

<210> 534
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R258C"

<400> 534
Lys Glu Met Asn Ile Gln Gln Leu Thr Asn Tyr Arg Lys Ser Val Met
1 5 10 15

Ser Leu Ala Glu Ala Gly Lys Leu Tyr Cys Cys Lys Asp Leu Glu Ile
20 25 30

Val Leu Cys Ser Glu Pro Pro Met
35 40

<210> 535
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R81T"

<400> 535
Asp Tyr Val Gln Met Lys Ala Ser Glu Leu Lys Gln Glu Gln Glu Thr
1 5 10 15

Gln Gly Ser Ser Ser Ala Ala Gln Lys Thr Thr Ala Cys Asn Thr Ala

20 25 30

Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu Ser Arg Ser Gly Gly
35 40 45

Met Val Lys Ser
50

<210> 536
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E340K"

<400> 536
Glu Arg Met Arg Glu Glu Glu Lys Arg Ala Ala Glu Glu Arg Gln Arg
1 5 10 15

Ile Lys Glu Glu Glu Lys Arg Ala Ala Lys Lys Glu Arg Gln Arg Ile
20 25 30

Lys Glu Glu Glu Lys Arg Ala Ala Glu Glu Arg Gln Arg Ile Lys Glu
35 40 45

Glu Glu Lys Arg
50

<210> 537
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V231I"

<400> 537
Leu Asn Glu Thr Ser Gly Asn Cys Gln Thr Glu Phe Glu Gly Val His
1 5 10 15

Ser Gln Lys Gln Asn Arg Gln Thr Cys Ile Ile Arg Lys Ser Leu Ile

20 25 30

Cys Ala Phe Ala Met Ala Phe Ile Ile Ser Val Met Leu Ile Ala Ala
35 40 45

Asn Gln Ile Leu
50

<210> 538
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G131V"

<400> 538
Glu Tyr Tyr Ser Glu Ala Asp Ala Ser His Cys Ile Gln Gln Ile Leu
1 5 10 15

Glu Ala Val Leu His Cys His Gln Met Val Val Val Val His Arg Asp
20 25 30

Leu Lys Pro Glu Asn Leu Leu Leu Ala Ser Lys Cys Lys Gly Ala Ala
35 40 45

Val Lys Leu Ala
50

<210> 539
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T466fs"

<400> 539
Arg His Arg Ser Asn Ser Leu Thr Arg Val Asp Gly Gln Pro Arg Gly
1 5 10 15

Ala Ala Ile Ala Trp Pro Glu Lys Lys Asn Gln Ala Cys Val Pro Ala

```
            20                  25                  30

Asn Thr Phe Cys Ser Thr Ser Arg Cys Glu Leu
        35                  40


<210> 540
<211> 70
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.T466fs"

<400> 540
Arg His Arg Ser Asn Ser Leu Thr Arg Val Asp Gly Gln Pro Arg Gly
1               5                   10                  15


Ala Ala Ile Ala Trp Pro Glu Lys Lys Pro Gly Leu Arg Pro Ser Gln
            20                  25                  30


His Leu Leu Leu Tyr Ile Thr Leu Arg Val Val Lys Trp Ile Pro Ala
        35                  40                  45


Leu Ala Thr Ala Ser Ala Trp Pro Ala Pro Ser Ala Lys Thr Val Trp
    50                  55                  60


His Pro Thr Leu Leu Ile
65                  70


<210> 541
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.K131R"

<400> 541
Arg Ile Ala Val Ile Ala Asp Leu Asp Thr Glu Ser Arg Ala Gln Glu
1               5                   10                  15


Glu Asn Thr Trp Phe Ser Tyr Leu Lys Arg Arg Gly Tyr Leu Thr Leu
```

20 25 30

Ser Asp Ser Gly Asp Lys Val Ala Val Glu Trp Asp Lys Asp His Gly
35 40 45

Val Leu Glu Ser
50

<210> 542
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.LV303del"

<400> 542
Leu His Thr Ser Ser Glu Leu Gln Ser Pro Ser Ser Tyr Phe Ala Ser
1 5 10 15

Arg Pro Trp Val Arg Ala Lys Gly Leu Leu Gly Phe Pro Val Leu Thr
20 25 30

Leu His Pro Pro Leu Pro Ser Gly Cys Ser
35 40

<210> 543
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E13K"

<400> 543
Met Glu Val Gln Val Ser Gln Ala Ser Leu Gly Phe Lys Lys Leu Thr
1 5 10 15

Ser Val Glu Lys Ser Leu Arg Glu Trp Ser Arg Leu Ser Arg Glu Val
20 25 30

Ile Ala Trp Leu Cys Pro Ser

35

<210> 544
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R423Q"

<400> 544
Ile Glu Lys Asp Lys Tyr Arg Lys Gln Ile Arg Glu Leu Glu Glu Lys
1 5 10 15

Asn Asp Glu Met Arg Ile Glu Met Val Gln Gln Arg Glu Ala Cys Ile
20 25 30

Val Asn Leu Glu Ser Lys Leu Arg Arg Leu Ser Lys Asp Ser Asn Asn
35 40 45

Leu Asp Gln Ser
50

<210> 545
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E626K"

<400> 545
Leu Asp Asp Asp Ser His Glu Arg Tyr Ser Phe Gly Pro Ser Ser Ile
1 5 10 15

His Ser Ser Ser Ser Ser His Gln Ser Lys Lys Gly Leu Asp Ala Tyr
20 25 30

Asp Leu Glu Gln Val Asn Leu Met Phe Arg Lys Phe Ser Leu Glu Arg
35 40 45

Pro Phe Arg Pro

50

<210> 546
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E93D"

<400> 546
Ser Lys Ile Asn Arg Ala Gly Arg Leu Leu Asp Ile Leu His Thr Lys
1 5 10 15

Gly Gln Arg Gly Tyr Val Val Phe Leu Asp Asp Ser Leu Glu Phe Tyr
20 25 30

Tyr Pro Glu Leu Tyr Lys Leu Val Thr Gly Lys Glu Pro Thr Arg Arg
35 40 45

Phe Ser Thr Ile
50

<210> 547
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I1065M"

<400> 547
Ala Asn Ile Glu Ala Val Ala Ala Lys Asn Lys His Cys Leu Leu Glu
1 5 10 15

Ala Gly Ile Gly Cys Thr Arg Asp Leu Met Met Lys Ser Asn Ile Tyr
20 25 30

Pro Ile Val Leu Phe Ile Arg Val Cys Glu Lys Asn Ile Lys Arg Phe
35 40 45

Arg Lys Leu Leu

50

<210> 548
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A202V"

<400> 548
Leu Gln Asn His Thr Asp Phe Lys Asp Lys Ile Val Leu Asp Val Gly
1 5 10 15

Cys Gly Ser Gly Ile Leu Ser Phe Phe Val Val Ala Gln Ala Gly Ala
20 25 30

Arg Lys Ile Tyr Ala Val Glu Ala Ser Thr Met Ala Gln His Ala Glu
35 40 45

Val Leu Val Lys
50

<210> 549
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R54Q"

<400> 549
Glu Arg Arg Leu Lys Glu Glu Glu Glu Ala Arg Leu Lys Tyr Glu Lys
1 5 10 15

Glu Glu Met Glu Arg Leu Glu Ile Gln Gln Gln Ile Glu Lys Glu Lys
20 25 30

Trp His Arg Leu Glu Ala Lys Asp Leu Glu Arg Arg Asn Glu Glu Leu
35 40 45

Glu Glu Leu Tyr

50

<210> 550
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P603L"

<400> 550
Met Asn Leu Pro His Pro Gly Leu His Pro His Gln Thr Pro Ala Pro
1 5 10 15

Leu Pro Asn Pro Gly Leu Tyr Pro Pro Leu Leu Val Ser Met Ser Pro
20 25 30

Gly Gln Pro Pro Pro Gln Gln Leu Leu Ala Pro Thr Tyr Phe Ser Ala
35 40 45

Pro Gly Val Met
50

<210> 551
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P645L"

<400> 551
Thr Tyr Phe Ser Ala Pro Gly Val Met Asn Phe Gly Asn Pro Ser Tyr
1 5 10 15

Pro Tyr Ala Pro Gly Ala Leu Pro Pro Leu Leu Pro Pro Pro His Leu
20 25 30

Tyr Pro Asn Thr Gln Ala Pro Ser Gln Val Tyr Gly Gly Val Thr Tyr
35 40 45

Tyr Asn Pro Ala

50

<210> 552
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S658L"

<400> 552
Pro Ser Tyr Pro Tyr Ala Pro Gly Ala Leu Pro Pro Pro Pro Pro Pro
1 5 10 15

His Leu Tyr Pro Asn Thr Gln Ala Pro Leu Leu Gln Val Tyr Gly Gly
20 25 30

Val Thr Tyr Tyr Asn Pro Ala Gln Gln Gln Val Gln Pro Lys Pro Ser
35 40 45

Pro Pro Arg Arg
50

<210> 553
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S232F"

<400> 553
Arg Gln Arg Lys Leu Trp Lys Asp Glu Gly Arg Trp Glu His Asp Lys
1 5 10 15

Phe Arg Glu Asp Glu Gln Ala Pro Lys Phe Phe Arg Gln Glu Leu Ile
20 25 30

Ala Leu Tyr Gly Tyr Asp Ile Arg Ser Ala His Asn Pro Asp Asp Ile
35 40 45

Lys Pro Arg Arg

50

<210> 554
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F781fs"

<400> 554
Asp Leu Ala Gln Ile Ile Ile Pro Lys Asp Asn Ser Ser Leu Leu Lys
1 5 10 15

Arg Leu Ala Cys Ile Ala Ala Phe Phe Val Asp Ser Ser Ser Tyr His
20 25 30

Pro Phe Lys Ile Asn Gln Asn Ile Arg Phe Gln Lys Phe
35 40 45

<210> 555
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R5W"

<400> 555
Met Ser Asn Pro Trp Trp Ser Leu Glu Glu Glu Lys Tyr Asp Met Ser
1 5 10 15

Gly Ala Arg Leu Ala Leu Ile Leu Cys Val Thr Lys Ala Arg Glu
20 25 30

<210> 556
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R23fs"

<400> 556
Met Ala Ala Val Pro Arg Val Glu Gly Val Phe Ile Phe Leu Ile Glu
1   5   10   15

Asp Ser Gly Lys Lys Lys Gly Val Arg Ile Leu Lys Leu Cys Ser Lys
            20   25   30

Val Ser Phe Arg Val Asp Trp Ile Thr Ser
        35   40

<210> 557
<211> 97
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R471fs"

<400> 557
Tyr Glu Val Ser Asn Lys Asp Asp Lys Lys Asn Met Gly Lys Gln Met
1   5   10   15

Pro Gln Pro Thr Phe Thr Leu Arg Lys Asn Leu Ser Ser Leu Leu Ile
            20   25   30

Asp Gly Ala Ile Leu Phe Val Leu Phe Cys Phe Val Phe Leu Arg Gln
        35   40   45

Asn Leu Ala Leu Ser Pro Arg Leu Glu Cys Ser Gly Val Ile Ser Ala
    50   55   60

His Arg Lys Leu Arg Leu Pro Gly Ser Gly His Ser Pro Ala Ser Ala
65   70   75   80

Ser Arg Val Ala Gly Thr Thr Gly Ala Arg His His Thr Trp Leu Ile
                85   90   95

Phe

<210> 558

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D639E"

<400> 558
Asp Asp Ala Leu Asp Lys Leu Ser Asp Ser Leu Gly Gln Arg Gln Pro
1 5 10 15

Asp Pro Asp Glu Asn Lys Pro Met Glu Glu Glu Lys Val Lys Glu Lys
20 25 30

Ala Lys Ala Glu His Arg Asp Lys Leu Gly Glu Arg Asp Asp Thr Ile
35 40 45

Pro Pro Glu Tyr
50

<210> 559
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T425M"

<400> 559
Met Ile Val Glu Glu Val Arg Ala Ile Arg Phe Asn Gln Glu Gln Glu
1 5 10 15

Ser Glu Val Leu Asn Arg Arg Ser Ser Met Met Ser Gly Ser Leu Glu
20 25 30

Thr Thr Ser Ser Lys Asp Ile Arg Gln Met Ser Gln Gln Gln Asp Leu
35 40 45

Leu Ser Ala Leu
50

<210> 560

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E152K"

<400> 560
Phe Asp Glu Glu Arg Ala Gln Gln Glu Asp Ala Leu Ala Gln Gln Ala
1 5 10 15

Phe Glu Glu Ala Arg Arg Arg Thr Arg Lys Lys Phe Glu Asp Arg Asp
20 25 30

Arg Ser His Arg Glu Glu Met Glu Val Arg Val Ser Gln Leu Leu Ala
35 40 45

Val Thr Gly Lys
50

<210> 561
<211> 76
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E138fs"

<400> 561
Pro Ile Lys Ile Tyr Gly Arg Met Ile Pro Cys Lys His Val Phe Cys
1 5 10 15

Tyr Asp Cys Ala Ile Leu His Glu Lys Arg Glu Ile Arg Cys Val Gln
20 25 30

Ala Val Val Ile Leu Cys Ser Glu Leu Ser Ser Val His Glu Val Leu
35 40 45

Ser Ser Cys Val Ala Leu Phe Lys Gly Ala Arg Glu His Ile Cys Leu
50 55 60

Arg Glu Thr Tyr Arg Leu Ile Ser Thr Ile Ala Ile

65 70 75

<210> 562
<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P69fs"

<400> 562
Glu Cys Leu Val Val Cys Glu Pro Gly Arg Ala Ala Ala Gly Gly Pro
1 5 10 15

Gly Gly Ala Ala Leu Gly Glu Ala Pro Leu Gly Glu Trp His Leu Leu
20 25 30

Arg Ser Glu Ala Thr Thr Met Ser Gln Gln Gly Lys Pro Ala Met Ala
35 40 45

Pro Val Gly Pro Ser Thr Ser Thr Arg Ser Trp
50 55

<210> 563
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.E102fs"

<400> 563
Glu Ser Gly Glu Gly Ser Ala Leu Glu Lys Ser Leu Ala Val Ser Gln
1 5 10 15

Gly Gly Glu Leu Tyr Glu Glu Trp Leu Gly Thr
20 25

<210> 564
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1284C"

<400> 564
Glu Ser Gln Glu Asp Glu Lys Leu Leu Gln Ala Thr Glu Lys Phe Gln
1 5 10 15

Ala Glu Cys Ala Leu Lys Phe Pro Asn Cys Cys Gln Cys Leu Thr Thr
20 25 30

Val Ile Asp Ile Ser Gly Lys Thr Val Phe Ile Thr Arg Tyr Leu Lys
35 40 45

Pro Leu Asn Pro
50

<210> 565
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.P1164fs"

<400> 565
Leu Glu Arg Asp Pro Thr Pro Cys Glu Leu Thr Tyr Lys Val Pro Thr
1 5 10 15

Arg His Ser Met Ser Gln Ile Pro Pro Ser Ser Pro Leu
20 25

<210> 566
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.R417L"

<400> 566
Gly Ile Lys Gly Gly Ile Arg Arg Trp Asn Tyr Phe Phe Pro Glu Glu
1   5   10   15

Leu Leu Val Tyr Asp Ile Cys Lys Tyr Leu Leu Trp Cys Glu Asn Ile
            20   25   30

Gly Arg Ala His Lys Ser Asn Asn Ile Met Ile Leu Val Asp Leu Lys
        35   40   45

Asn Glu Val Trp
    50

<210> 567
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I8V"

<400> 567
Met Glu Val Lys Gly Gln Leu Val Val Ser Ser Pro Thr Phe Asn Ala
1   5   10   15

Pro Ala Ala Leu Phe Gly Glu Ala Ala Pro Gln Val Lys Ser Glu Arg
            20   25   30

Leu Arg

<210> 568
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.W397L"

<400> 568
Ile Glu Gln Ala Gln Lys Leu Thr Ala Thr Gln Ser His Leu Glu Asn

1 5 10 15

Arg Lys Gln Gln Leu Gln Gln Glu Gln Leu Leu Tyr Leu Glu Ser Leu
20 25 30

Ile Gln Ala Arg Gln Arg Leu Gln Gly Ser His Asn Gln Cys Leu Asn
35 40 45

Arg Gln Asp Val
50

<210> 569
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R838C"

<400> 569
Asn Ile Tyr Val Asp Ala Leu Leu Lys Glu Phe Glu Gln Phe Asn Arg
1 5 10 15

Arg Leu Asn Glu Val Ser Lys Arg Val Cys Cys Ile Pro Leu Pro Val
20 25 30

Ser Asn Ile Leu Trp Glu His Cys Ile Arg Leu Ala Asn Arg Thr Ile
35 40 45

Val Glu Gly Tyr
50

<210> 570
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E313K"

<400> 570
Ala Glu Lys Ala Lys Pro Asp Ala Leu His Gly Leu Arg Val His Ser

1 5 10 15

Trp Val Leu Val Leu Ser Gly Lys Arg Lys Lys Val Pro Glu Asn Phe
20 25 30

Phe Ile Asp Pro Phe Thr Gly His Ser Tyr Ser Thr Gln Asp Glu His
35 40 45

Phe Leu Gly Ile
50

<210> 571
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S1264L"

<400> 571
Asn Thr Thr Ser Ile Lys Thr Gln Met Glu Leu Thr Ile Lys Asp Leu
1 5 10 15

Glu Ser Glu Ile Ser Arg Ile Lys Thr Leu Leu Gln Ala Asp Phe Asn
20 25 30

Lys Thr Glu Leu Glu Arg Tyr Lys Glu Leu Tyr Leu Glu Glu Val Lys
35 40 45

Val Arg Glu Ser
50

<210> 572
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K420fs"

<400> 572
Lys Glu Glu Glu Lys Glu Lys Leu Trp Lys Lys Lys Glu Leu Leu Gln

1 5 10 15

Arg Ala Glu Lys Lys Lys Lys Ile Lys Asn Thr Gly Pro Arg Lys Asn
20 25 30

Arg Ser Gly Lys Lys Trp Lys
35

<210> 573
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P488H"

<400> 573
Ile Leu Pro Lys Tyr Gln Asp Gln Asn Phe Leu Pro Lys Asp Gln Asn
1 5 10 15

Phe Leu Ser Arg Asp Gln His Val Leu His His Lys Asp Gln Asp Ile
20 25 30

Leu Pro Lys Tyr Gln Asp Gln Asn Phe Leu Pro Lys Asp Gln Asn Phe
35 40 45

Leu Ser Arg Asp
50

<210> 574
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E153Q"

<400> 574
Gly Tyr Lys Lys Glu Ile Ser Lys Leu Tyr Gln Asp Met Gln Arg Lys
1 5 10 15

Val Glu Leu Asn Glu Glu Lys His Lys Gln Gln Leu Ile Glu Lys Lys

20 25 30

Glu Met Glu Ile Ser Glu Leu Asn Ala Lys Leu Arg Ser Gln Glu Lys
35 40 45

Glu Lys Gln Asn
50

<210> 575
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P200fs"

<400> 575
Gln Trp Asp Gly Ala Ala Leu Arg Leu His Ala Arg His Lys Glu Gln
1 5 10 15

Gln Arg Gln Phe Gly Leu Thr Pro Pro Trp Ile Phe Glu Ala Thr Ser
20 25 30

Pro

<210> 576
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.P200fs"

<400> 576
Gln Gln Trp Asp Gly Ala Ala Leu Arg Leu His Ala Arg His Lys Glu
1 5 10 15

Gln Gln Arg Gln Phe Gly Leu Thr Pro Leu Asp Leu
20 25

<210> 577

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A332S"

<400> 577
Lys Glu Leu Ser Asp Ile Trp Ser Ala Val His Val Leu Gln Asn Ser
1 5 10 15

Ile Asp Ser Leu Thr Leu Cys Ser Gly Ser Ser Cys Pro Lys Ala Ser
20 25 30

Ser Leu Arg Gly His Lys Gly His Gln Cys Leu Ser Pro Pro Leu Pro
35 40 45

Ser Trp Asp Ser
50

<210> 578
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D5020Y"

<400> 578
Gly Tyr Thr Leu Ser Asn Ser Lys Gly Pro Val Gln Pro Thr Ala Gln
1 5 10 15

Gly Glu Glu Lys Gly Gly Leu Arg Ile Tyr Tyr Met Glu Asp Lys Met
20 25 30

Leu Pro Lys Cys Thr Asp Leu Lys Ala Lys Gln Leu Leu Leu Ser Asp
35 40 45

Ile Leu Asn Thr
50

<210> 579

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K162R"

<400> 579
Leu Asp Asp Cys Ile Phe Asn Met Val Leu Leu Lys Val Pro Ser Ser
1 5 10 15

Leu Ser Ala Glu Glu Leu Glu Ala Ile Arg Arg Leu Ile Arg Phe Gly
20 25 30

Lys Lys Lys Asn Thr His Ser Leu Phe Val Phe Ile Ile Pro Glu Asn
35 40 45

Phe Lys Gly Cys
50

<210> 580
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R207L"

<400> 580
Lys Leu Arg Met Glu Gln Glu Glu Glu Leu Lys Asp Met Ser Lys Ile
1 5 10 15

Ile Leu Asn Ala Lys Cys His Ala Ile Leu Leu Asp Ala Gln Ile Leu
20 25 30

Glu Lys Gln Gln Ile Gln Lys Glu Leu Asp Thr Glu Glu Lys Arg Leu
35 40 45

Asp Gln Met Met
50

<210> 581

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R279L"

<400> 581
Arg Ile Arg Gly Arg Arg Gln Ile Val Glu Gln Met Glu Lys Asn Gln
1 5 10 15

Glu Glu Arg Ser Leu Leu Ala Glu Gln Leu Leu Glu Gln Glu Lys Glu
20 25 30

Gln Met Leu Glu Tyr Met Glu Gln Leu Gln Glu Glu Asp Leu Lys Asp
35 40 45

Met Glu Arg Arg
50

<210> 582
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R209I"

<400> 582
Ala Gln Asn Asp Leu Val Phe Glu Ala Val Gln Asp Lys Gly Asn Met
1 5 10 15

Glu Gln Ala Ile Leu Glu Met Lys Lys Ile Ile Phe Glu Ala Arg Gln
20 25 30

Gly Glu Phe Ile Glu Met Lys Ser Asn Leu Lys His Leu Glu Val Leu
35 40 45

Val Ala Gln Gln
50

<210> 583

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R58C"

<400> 583
Phe Val Val His Thr Val Gln Phe Leu Asn Arg Phe Ser Thr Val Cys
1 5 10 15

Glu Glu Lys Leu Ala Asp Leu Ser Leu Cys Cys Ile Gln Gln Ile Glu
20 25 30

Thr Thr Leu Asn Ile Leu Asp Ala Lys Leu Ser Ser Ile Pro Gly Leu
35 40 45

Asp Asp Val Thr
50

<210> 584
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R230H"

<400> 584
Gly Gln Lys Trp Glu His Phe Ile Thr Ala Pro Lys Thr Lys Lys Phe
1 5 10 15

Lys Ile Pro Thr Met Arg Val Thr Asn His His Lys Pro Ser Arg Arg
20 25 30

Gly Ser Thr Leu Ser Leu Ser Arg Ala Ser Gly Gly Ser Ser Pro Gln
35 40 45

Ser Ser Met Ile
50

<210> 585

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N440T"

<400> 585
Ile Glu Gln Leu Glu Arg Glu Gly Asn Glu Glu Glu Ile Gln Arg Glu
1 5 10 15

Asn Tyr Gln Asp Asn Ile Ser Ser Met Thr Thr Ile Ser Ile Gln Asn
20 25 30

Thr Trp Lys His Leu His Ala Asp Arg Ile Gly Arg Gly Ser Lys Ala
35 40 45

Glu Asp Glu Asp
50

<210> 586
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R259I"

<400> 586
Asn Arg Glu Arg Lys Cys Lys Leu Lys Asp Gln Ser Asp Lys Glu Glu
1 5 10 15

Gly Thr Arg Asp Ile Ser Ser Pro Lys Ile Ile Leu Arg Asp Arg Gln
20 25 30

Ala Leu Phe Pro Ala Lys Val Thr Asn Val Ser Leu Leu Glu Lys Phe
35 40 45

Glu Arg Ser Glu
50

<210> 587

<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.K677fs"

<400> 587
Ile Thr Cys Glu Lys Ile Glu Ala Leu Glu Gln Glu Asn Ser Glu Leu
1 5 10 15

Glu Arg Glu Asn Arg Lys Leu Lys Lys Asn Ile Gly
20 25

<210> 588
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.P1851fs"

<400> 588
Gln Lys Leu Gly Ala Pro Glu Ala Leu Gly Gly Arg Glu Thr Gly Ser
1 5 10 15

His Thr Leu Gln Ser Pro Ala Pro Pro Gln Leu Pro
20 25

<210> 589
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L271M"

<400> 589
Gln Lys Lys Ser Ala Lys Glu Arg Lys Pro Ser Thr Thr Ser Ser Gly

1 5 10 15

Lys Tyr Glu Asp Ser Asp Gly Cys Tyr Met Met Gln Lys Thr Arg Pro
20 25 30

Pro Arg Lys Leu Glu Leu Arg Gln Leu Ser Thr Gly Ser Ser Ser Arg
35 40 45

Ala Asn Arg Ile
50

<210> 590
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V236M"

<400> 590
Ser Ala Arg Val Arg Gln Thr Trp Ser Val Leu Leu Leu Leu Leu Leu
1 5 10 15

Phe Phe Ile Pro Gly Val Val Met Ala Met Met Ala Tyr Gly Leu Ile
20 25 30

Ser Arg Glu Leu Tyr Leu Gly Leu Arg Phe Asp Gly Asp Ser Asp Ser
35 40 45

Asp Ser Gln Ser
50

<210> 591
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A932T"

<400> 591
Glu Thr Leu Leu Lys Lys Pro Leu Ala Leu Lys Met Ser Thr Ile Asn

1 5 10 15

Glu Ala Val Leu Phe Glu Asp Met Ile Thr Thr Leu Asn Glu Lys Pro
20 25 30

Thr Thr Gly Lys Glu Leu Ser Phe Lys Glu Pro Leu Ala Leu Gln Glu
35 40 45

Ser Pro Thr Tyr
50

<210> 592
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S185I"

<400> 592
Ser Leu Pro Gly Ile Ile Phe Thr Arg Ser Gln Lys Glu Gly Leu His
1 5 10 15

Tyr Thr Cys Ser Ser His Phe Pro Tyr Ile Ile Gln Tyr Gln Phe Trp
20 25 30

Lys Asn Phe Gln Thr Leu Lys Ile Val Ile Leu Gly Leu Val Leu Pro
35 40 45

Leu Leu Val Met
50

<210> 593
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E214D"

<400> 593
Ile Phe Gly Gly Ile Ser Phe Phe Pro Leu Asp Lys Met Thr Tyr Leu

1 5 10 15

Lys Ile Gln Ser Phe Ile Asn Arg Met Asp Asp Glu Ser Leu Asn Ile
20 25 30

Val Lys Tyr Thr Ala Phe Leu Tyr Asn Asp Gln Leu Ile Trp Ser Gly
35 40 45

Leu Glu Gln Asp
50

<210> 594
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R594Q"

<400> 594
Ser Asp Leu Lys Val Pro Leu Thr Val Thr Trp Gln Phe Gln Pro Ala
1 5 10 15

Ser Ser His Ile Phe His Gln Leu Ile Gln Gln Ile Thr His Asn Gly
20 25 30

Thr Ile Glu Trp Gly Asn Phe Leu Ser Arg Phe Gln Lys Lys Thr Lys
35 40 45

Val Ser Gln Ser
50

<210> 595
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D283Y"

<400> 595
Pro Asp Glu Thr Trp Met Phe Ile Thr Lys Lys Gln Thr Asp Gln Thr

1 5 10 15

Thr Leu Arg Ile Gln Pro Ala Val Lys Tyr Tyr Phe Gln Val Asn Ile
20 25 30

Thr Ala Asp Ser Leu Phe Ala Glu Gly Lys Pro Leu Glu Leu Val Cys
35 40 45

Leu Val Val Ser
50

<210> 596
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L470Q"

<400> 596
Ala Tyr Phe Leu Gly Ser Lys Ser Ser Met Ala Val His Ser Leu Phe
1 5 10 15

Lys Ser Pro Ser Lys Thr Tyr Ile Gln Gln Gln Lys Thr Arg Asp Glu
20 25 30

Asn Ile Lys Val Gly Ser Pro Phe Glu Leu Val Val Ser Gly Asn Lys
35 40 45

Arg Leu Lys Glu
50

<210> 597
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V721M"

<400> 597
Ser Asp Met Glu Leu Arg Leu Val Gly Gly Ser Ser Arg Cys Ala Gly

1 5 10 15

Lys Val Glu Val Asn Val Gln Gly Ala Met Met Gly Ile Leu Cys Ala
20 25 30

Asn Gly Trp Gly Met Asn Ile Ala Glu Val Val Cys Arg Gln Leu Glu
35 40 45

Cys Gly Ser Ala
50

<210> 598
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N228T"

<400> 598
Ser Leu Asn Phe Asn Gly Asn Asn Val Lys Gly Ile Glu Leu Gly Ala
1 5 10 15

Phe Asp Ser Thr Ile Phe Gln Ser Leu Thr Thr Phe Gly Gly Thr Pro
20 25 30

Asn Leu Ser Val Ile Phe Asn Gly Leu Gln Asn Ser Thr Thr Gln Ser
35 40 45

Leu Trp Leu Gly
50

<210> 599
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W41L"

<400> 599
Gly Asn Ser Glu His Ala Phe Gln Gly Pro Thr Ser Phe His Val Ile

1 5 10 15

Gln Thr Ser Ser Phe Thr Asn Ser Thr Leu Leu Ala Gln Thr Gln Gly
20 25 30

Ser Gly Trp Leu Asp Asp Leu Gln Ile His Gly Trp Asp Ser Asp Ser
35 40 45

Gly Thr Ala Ile
50

<210> 600
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R89C"

<400> 600
Thr Ile Ile Phe Leu His Asn Trp Ser Lys Gly Asn Phe Ser Asn Glu
1 5 10 15

Glu Leu Ser Asp Leu Glu Leu Leu Phe Cys Cys Phe Tyr Leu Phe Gly
20 25 30

Leu Thr Arg Glu Ile Gln Asp His Ala Ser Gln Asp Tyr Ser Lys Tyr
35 40 45

Pro Phe Glu Val
50

<210> 601
<211> 67
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L25fs"

<400> 601
Met Gly Cys Leu Leu Phe Leu Leu Leu Trp Ala Leu Leu Gln Ala Trp

1 5 10 15

Gly Ser Ala Glu Val Pro Gln Arg Leu Ser Pro Ser Ala Ala Ser Arg
20 25 30

Ser Arg Pro Ser Pro Ile Ala Ala Gly Arg Ala Pro Thr Ala Trp Arg
35 40 45

Gly Trp Gly Ser Cys Arg Arg Thr Ala Gly Ala Thr Thr Arg Thr Pro
50 55 60

Ser Ala Leu
65

<210> 602
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F85V"

<400> 602
Gly Asp Leu Gln Thr His Gly Trp Asp Thr Val Leu Gly Thr Ile Arg
1 5 10 15

Phe Leu Lys Pro Trp Ser His Gly Asn Val Val Ser Lys Gln Glu Leu
20 25 30

Lys Asn Leu Gln Ser Leu Phe Gln Leu Tyr Phe His Ser Phe Ile Gln
35 40 45

Ile Val Gln Ala
50

<210> 603
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.A283T"

<400> 603
Trp Glu Trp Thr Phe Phe Gln Gly Asn Cys Tyr Phe Met Ser Asn Ser
1   5   10   15

Gln Arg Asn Trp His Asp Ser Ile Thr Thr Thr Cys Lys Glu Val Gly
            20   25   30

Ala Gln Leu Val Val Ile Lys Ser Ala Glu Glu Gln Asn Phe Leu Gln
        35   40   45

Leu Gln Ser Ser
    50

<210> 604
<211> 55
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q164fs"

<400> 604
Thr Leu Glu Ser Pro Pro Gly Ser Ser Pro Ser Val Gln Cys Arg Ser
1   5   10   15

Pro Arg Gly Lys Asn Ile Gln Gly Gly Arg Pro Ser Pro Cys Leu Ser
            20   25   30

Trp Ser Ser Arg Ile Val Ala Pro Gly His Ala Leu Ser Cys Arg Thr
        35   40   45

Arg Arg Arg Trp Ser Ser Lys
    50   55

<210> 605
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.E156K"

<400> 605
Pro Gly Tyr Arg Arg Glu Pro Ser Leu Ser Pro Lys Leu Thr Cys Leu
1   5   10   15

Gln Asn Leu Lys Trp Ser Thr Ala Val Lys Lys Phe Cys Lys Lys Lys
            20   25   30

Ser Cys Pro Asn Pro Gly Glu Ile Arg Asn Gly Gln Ile Asp Val Pro
        35   40   45

Gly Gly Ile Leu
    50

<210> 606
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P174fs"

<400> 606
Ala Ser Ala Leu Pro Ala Pro Pro Thr Gly Ser Ala Leu Pro Asp Pro
1   5   10   15

Gln Thr Ala Ser Ala Leu Pro Asp Pro Gln Gln Pro Leu Pro Ser Leu
            20   25   30

Arg Pro Trp Arg
        35

<210> 607
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Y197H"

<400> 607
Leu Phe Ile Ile Val Pro Ile Phe Leu Leu Leu Asp Lys Asp Asp Ser

1 5 10 15

Lys Ala Gly Met Glu Glu Asp His Thr His His Glu Gly Leu Asp Ile
20 25 30

Asp Gln Thr Ala Thr Tyr Glu Asp Ile Val Thr Leu Arg Thr Gly Glu
35 40 45

Val Lys Trp Ser
50

<210> 608
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y197D"

<400> 608
Leu Phe Ile Ile Val Pro Ile Phe Leu Leu Leu Asp Lys Asp Asp Ser
1 5 10 15

Lys Ala Gly Met Glu Glu Asp His Thr Asp Asp Glu Gly Leu Asp Ile
20 25 30

Asp Gln Thr Ala Thr Tyr Glu Asp Ile Val Thr Leu Arg Thr Gly Glu
35 40 45

Val Lys Trp Ser
50

<210> 609
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D280fs"

<400> 609
Pro Leu Cys Val Ser Pro Lys Tyr Gly Cys Asn Phe Asn Asn Gly Gly

1 5 10 15

Cys His Gln Asp Cys Phe Glu Gly Gly Met Ala Pro Ser Ser Ala Ala
20 25 30

Ala Asp Gln Asp Ser Gly Cys Trp Met Thr Trp
35 40

<210> 610
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L646fs"

<400> 610
Gly Glu Arg Lys Gln Phe Ala Val Val Leu Leu Ser Leu Arg Leu Leu
1 5 10 15

Ala Lys Phe Leu Gly Phe Val Ala Phe Pro Ala Ile Pro Gly Ala
20 25 30

<210> 611
<211> 88
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N123fs"

<400> 611
Ala Tyr Ala Val Ile Tyr Leu Lys Lys Thr Pro Glu Glu Ala Tyr Arg
1 5 10 15

Ala Leu Leu Ser Gly Ser Asn Pro Pro Ile Phe His Ser Gly Met Leu
20 25 30

Pro Leu Glu Ile Ala Leu Thr Ile Ser Pro Phe Ser Thr Val Cys Arg
35 40 45

Glu Ser Glu Arg Asp Tyr Asn Met Asp Phe Leu Thr Leu Arg His Leu

50 55 60

Met Trp Met Asn Met Asn Ile Met Ser Glu Leu Lys Met Val Thr Ser
65 70 75 80

Thr Gly Leu Phe Gln Glu Asn Phe
85

<210> 612
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R375C"

<400> 612
Gly Ser Val Ile Gly Pro Gln Gln Gln Phe Leu Val Met Lys Gln Thr
1 5 10 15

Asn Leu Trp Leu Glu Gly Asp Tyr Phe Cys Cys Gln Lys Leu Lys Gly
20 25 30

Gln Glu Asn Gly Gln His Arg Ala Ala Phe Ser Lys Leu Leu Ser Gly
35 40 45

Val Asp Asp Ile
50

<210> 613
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K322fs"

<400> 613
Glu Asn Leu Asn Arg Pro Arg Leu Lys Gln Val Glu Lys Phe Lys Asp
1 5 10 15

Asn Thr Ile Pro Asp Lys Val Lys Lys Ser Ile Phe Leu Ala Lys Glu

20 25 30

Ser Ser Gly Arg Ala Tyr Val
35

<210> 614
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L460fs"

<400> 614
Ile Thr Lys Leu Asp Ser Ser Ile Ile Ser Glu Gly Lys Ile Ser Thr
1 5 10 15

Ile Thr Pro Gln Ile Gln Ala Phe Asn His Lys Lys Gln Gln Gln Lys
20 25 30

Val

<210> 615
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D555E"

<400> 615
Glu Val Arg Arg Ile Glu Asn Tyr Arg Val Glu Gly Met Glu Ile Tyr
1 5 10 15

Ser Thr Thr Leu Trp His Leu Gln Lys Glu Glu Val Ala Leu Ser Val
20 25 30

Leu Ser Lys Asp Leu Thr Asp Met Asp Lys Asn Ser Pro Glu Ala Trp
35 40 45

Cys Ala Ala Gly

50

<210> 616
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N571I"

<400> 616
Ser Thr Thr Leu Trp His Leu Gln Lys Asp Val Ala Leu Ser Val Leu
1 5 10 15

Ser Lys Asp Leu Thr Asp Met Asp Lys Ile Ile Ser Pro Glu Ala Trp
20 25 30

Cys Ala Ala Gly Asn Cys Phe Ser Leu Gln Arg Glu His Asp Ile Ala
35 40 45

Ile Lys Phe Phe
50

<210> 617
<211> 78
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I91fs"

<400> 617
Cys Thr Thr Pro Gln Cys Lys Tyr Leu Leu Ala Lys Cys Cys Val Asp
1 5 10 15

Leu Ser Lys Leu Ala Glu Gly Glu Gln Ser Tyr Leu Val Glu Cys Leu
20 25 30

Ile Ser Arg Lys Ala Met Met Ile Leu Leu Leu Ser Leu Val Ile Gln
35 40 45

Leu Ala Leu Leu Phe His Cys Trp Asp Met Tyr Ile Ala Arg Gln Ile

50 55 60

Gly Leu Pro Lys Asp Gln Asn Val Thr Lys Arg Ala Leu Val
65 70 75

<210> 618
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P242S"

<400> 618
Leu Glu Ser Ser Asn Ser Lys Tyr Ser Leu Asn Thr Asp Ser Ser Val
1 5 10 15

Ser Tyr Ile Asp Ser Ala Val Ile Ser Ser Ser Asp Thr Val Pro Leu
20 25 30

Gly Thr Gly Thr Ser Ile Leu Ser Lys Gln Val Gln Asn Lys Pro Lys
35 40 45

Thr Gly Arg Ser
50

<210> 619
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P675T"

<400> 619
Glu Gln Ser Glu His Tyr Ser Lys Gln Leu Glu Asn Glu Leu Glu Gly
1 5 10 15

Leu Lys Gln Lys Gln Ile Ser Tyr Ser Thr Thr Gly Val Cys Ser Ile
20 25 30

Glu His Gln Gln Glu Ile Thr Lys Leu Lys Thr Asp Leu Glu Lys Lys

35 40 45

Ser Ile Phe Tyr
50

<210> 620
<211> 70
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P405fs"

<400> 620
Gly Pro Cys Leu Arg Asn Arg Tyr Gly Glu Asp Val Arg Ser Ala Leu
1 5 10 15

Leu Asp Pro Asp Trp Val Cys Pro Pro Val Val Gly Ser Ala Ile Ala
20 25 30

Ala Thr Val Gly Ser Val Thr Ala Ala Val Pro Gln Glu Ser Ser Phe
35 40 45

Ile Trp Pro Ser Phe Met Val Met Thr Met Leu Arg Asn Ile Trp Arg
50 55 60

Ala Tyr Lys Arg Ser Trp
65 70

<210> 621
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E243K"

<400> 621
Glu Pro Leu Asp Arg Glu Arg Ile Ala Thr Tyr Thr Leu Phe Ser His
1 5 10 15

Ala Val Ser Ser Asn Gly Asn Ala Val Lys Lys Asp Pro Met Glu Ile

20 25 30

Leu Ile Thr Val Thr Asp Gln Asn Asp Asn Lys Pro Glu Phe Thr Gln
35 40 45

Glu Val Phe Lys
50

<210> 622
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D254Y"

<400> 622
Thr Leu Phe Ser His Ala Val Ser Ser Asn Gly Asn Ala Val Glu Asp
1 5 10 15

Pro Met Glu Ile Leu Ile Thr Val Thr Tyr Tyr Gln Asn Asp Asn Lys
20 25 30

Pro Glu Phe Thr Gln Glu Val Phe Lys Gly Ser Val Met Glu Gly Ala
35 40 45

Leu Pro Gly Thr
50

<210> 623
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E349K"

<400> 623
Asp Thr Gln Glu Gly Ile Ile Thr Val Lys Lys Pro Leu Asp Tyr Glu
1 5 10 15

Ser Arg Arg Leu Tyr Thr Leu Lys Val Lys Lys Ala Glu Asn Thr His

20 25 30

Val Asp Pro Arg Phe Tyr Tyr Leu Gly Pro Phe Lys Asp Thr Thr Ile
35 40 45

Val Lys Ile Ser
50

<210> 624
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R472C"

<400> 624
Leu Asp Arg Glu Leu Ser Gln Trp His Asn Leu Thr Val Ile Ala Ala
1 5 10 15

Glu Ile Asn Asn Pro Lys Glu Thr Thr Cys Cys Val Ala Val Phe Val
20 25 30

Arg Ile Leu Asp Val Asn Asp Asn Ala Pro Gln Phe Ala Val Phe Tyr
35 40 45

Asp Thr Phe Val
50

<210> 625
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S577R"

<400> 625
Asn Gly Phe Asn Arg His Glu Ile Ser Thr Tyr Leu Leu Pro Val Val
1 5 10 15

Ile Ser Asp Asn Asp Tyr Pro Ile Gln Arg Arg Ser Thr Gly Thr Leu

20 25 30

Thr Ile Arg Val Cys Ala Cys Asp Ser Gln Gly Asn Met Gln Ser Cys
35 40 45

Ser Ala Glu Ala
50

<210> 626
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R128S"

<400> 626
Ile Ile Asp Glu Lys Thr Gly Asp Ile His Ala Thr Arg Arg Ile Asp
1 5 10 15

Arg Glu Glu Lys Ala Phe Tyr Thr Leu Ser Ser Ala Gln Ala Ile Asn
20 25 30

Arg Arg Thr Leu Arg Pro Val Glu Pro Glu Ser Glu Phe Val Ile Lys
35 40 45

Ile His Asp Ile
50

<210> 627
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K357T"

<400> 627
Lys Lys Pro Val Asp Phe Glu Thr Lys Arg Ala Tyr Ser Leu Lys Val
1 5 10 15

Glu Ala Ala Asn Val His Ile Asp Pro Thr Thr Phe Ile Ser Asn Gly

20 25 30

Pro Phe Lys Asp Thr Val Thr Val Lys Ile Ser Val Glu Asp Ala Asp
35 40 45

Glu Pro Pro Met
50

<210> 628
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D674N"

<400> 628
Ser Lys Glu Asp Ile Arg Asp Asn Val Ile His Tyr Asp Asp Glu Gly
1 5 10 15

Gly Gly Glu Glu Asp Thr Gln Ala Phe Asn Asn Ile Gly Ala Leu Arg
20 25 30

Asn Pro Lys Val Ile Glu Glu Asn Lys Ile Arg Arg Asp Ile Lys Pro
35 40 45

Asp Ser Leu Cys
50

<210> 629
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P706T"

<400> 629
Pro Lys Val Ile Glu Glu Asn Lys Ile Arg Arg Asp Ile Lys Pro Asp
1 5 10 15

Ser Leu Cys Leu Pro Arg Gln Arg Pro Thr Thr Met Glu Asp Asn Thr

20 25 30

Asp Ile Arg Asp Phe Ile His Gln Arg Leu Gln Glu Asn Asp Val Asp
35 40 45

Pro Thr Ala Pro
50

<210> 630
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A721S"

<400> 630
Lys Leu Thr Pro Arg His Gln Thr Ser Ser Thr Leu Glu Ser Ile Asp
1 5 10 15

Val Gln Glu Phe Ile Lys Gln Arg Leu Ser Ser Glu Ala Asp Leu Asp
20 25 30

Pro Ser Val Pro Pro Tyr Asp Ser Leu Gln Thr Tyr Ala Tyr Glu Gly
35 40 45

Gln Arg Ser Glu
50

<210> 631
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A195T"

<400> 631
Glu Met Ser Asp Met Gly Thr Ser Val Leu Gln Val Thr Ala Thr Asp
1 5 10 15

Ala Asp Asp Pro Thr Tyr Gly Asn Ser Thr Thr Arg Val Val Tyr Ser

20 25 30

Ile Leu Gln Gly Gln Pro Tyr Phe Ser Val Asp Pro Lys Thr Gly Val
35 40 45

Ile Arg Thr Ala
50

<210> 632
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D547Y"

<400> 632
Gln Asp Pro Asp Arg Tyr Met Gln Gln Asn Ile Arg Tyr Thr Lys Leu
1 5 10 15

Ser Asp Pro Ala Asn Trp Leu Lys Ile Tyr Tyr Pro Val Asn Gly Gln
20 25 30

Ile Thr Thr Ile Ala Val Leu Asp Arg Glu Ser Pro Asn Val Lys Asn
35 40 45

Asn Ile Tyr Asn
50

<210> 633
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P433H"

<400> 633
Ile Gln Ile Ile Ser Ala Lys Asp Pro Asp Val Thr Asn Asn Ser Ile
1 5 10 15

Arg Tyr Ser Ile Asp Arg Ser Ser Asp His His Gly Arg Phe Phe Tyr

20 25 30

Val Asp Ile Thr Thr Gly Ala Leu Met Thr Ala Arg Pro Leu Asp Arg
35 40 45

Glu Glu Phe Ser
50

<210> 634
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A134V"

<400> 634
Ile Asp Asp Thr Thr Gly Asp Ile His Ala Ile Gln Arg Leu Asp Arg
1 5 10 15

Glu Glu Arg Ala Gln Tyr Thr Leu Arg Val Val Gln Ala Leu Asp Arg
20 25 30

Arg Thr Gly Arg Pro Met Glu Pro Glu Ser Glu Phe Ile Ile Lys Ile
35 40 45

Gln Asp Ile Asn
50

<210> 635
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V403I"

<400> 635
Glu Gly Leu Asn Ser Met Phe Glu Val Tyr Leu Val Gly Asn Asn Ser
1 5 10 15

His His Phe Ile Ile Ser Pro Thr Ser Ile Ile Gln Gly Lys Ala Asp

20 25 30

Ile Arg Ile Arg Val Ala Ile Pro Leu Asp Tyr Glu Thr Val Asp Arg
35 40 45

Tyr Asp Phe Asp
50

<210> 636
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F1132Y"

<400> 636
Ala Ser Val Pro Glu Asp Ile Pro Glu Gly His Ser Ile Leu Gln Leu
1 5 10 15

Lys Ala Thr Asp Ala Asp Glu Gly Glu Tyr Tyr Gly Arg Val Trp Tyr
20 25 30

Arg Ile Leu His Gly Asn His Gly Asn Asn Phe Arg Ile His Val Ser
35 40 45

Asn Gly Leu Leu
50

<210> 637
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F177L"

<400> 637
Phe Ile Val Asn Ala Thr Asp Pro Asp Leu Gly Ala Gly Gly Ser Val
1 5 10 15

Leu Tyr Ser Phe Gln Pro Pro Ser Gln Leu Leu Phe Ala Ile Asp Ser

20 25 30

Ala Arg Gly Ile Val Thr Val Ile Arg Glu Leu Asp Tyr Glu Thr Thr
35 40 45

Gln Ala Tyr Gln
50

<210> 638
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q237K"

<400> 638
Ser Glu Thr Gly Ile Ile Lys Thr Ala Leu Leu Asn Met Asp Arg Glu
1 5 10 15

Asn Arg Glu Gln Tyr Gln Val Val Ile Lys Lys Ala Lys Asp Met Gly
20 25 30

Gly Gln Met Gly Gly Leu Ser Gly Thr Thr Thr Val Asn Ile Thr Leu
35 40 45

Thr Asp Val Asn
50

<210> 639
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q225K"

<400> 639
Pro Tyr Phe Ser Val Glu Pro Lys Thr Gly Val Ile Lys Thr Ala Leu
1 5 10 15

Pro Asn Met Asp Arg Glu Ala Lys Asp Lys Lys Tyr Leu Leu Val Ile

20 25 30

Gln Ala Lys Asp Met Val Gly Gln Asn Gly Gly Leu Ser Gly Thr Thr
35 40 45

Ser Val Thr Val
50

<210> 640
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F523L"

<400> 640
Glu Asn Ala Lys Pro Gly Gln Leu Ile Gln Thr Val Ser Val Met Asp
1 5 10 15

Lys Asp Asp Pro Pro Arg Gly His Lys Leu Leu Phe Phe Glu Pro Val
20 25 30

Pro Glu Phe Thr Leu Asn Pro Asn Phe Thr Ile Val Asp Asn Lys Asp
35 40 45

Asn Thr Ala Gly
50

<210> 641
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R218G"

<400> 641
Gln Ala Gly Ala Thr Leu Asp Tyr Glu Arg Ser Arg Thr His Tyr Ile
1 5 10 15

Thr Val Val Ala Lys Asp Gly Gly Gly Gly Gly Leu His Gly Ala Asp

20 25 30

Val Val Phe Ser Ala Thr Thr Thr Val Thr Val Asn Val Glu Asp Val
35 40 45

Gln Asp Met Ala
50

<210> 642
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E79del"

<400> 642
Ser Pro Tyr Arg Arg Glu Asp Ser Met Glu Asp Arg Gly Glu Glu Asp
1 5 10 15

Asp Ser Leu Ala Ile Lys Pro Pro Gln Met Ser Arg Lys Glu Lys Val
20 25 30

His His Arg Lys Asp Glu Lys Arg Lys Glu Lys Cys Arg His His Ser
35 40 45

His Ser Ala Glu Gly
50

<210> 643
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R880S"

<400> 643
Asp Phe Gly Leu Ala Arg Leu Tyr Ser Ser Glu Glu Ser Arg Pro Tyr
1 5 10 15

Thr Asn Lys Val Ile Thr Leu Trp Tyr Ser Ser Pro Pro Glu Leu Leu

20 25 30

Leu Gly Glu Glu Arg Tyr Thr Pro Ala Ile Asp Val Trp Ser Cys Gly
35 40 45

Cys Ile Leu Gly
50

<210> 644
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R108C"

<400> 644
Gly Ser Asp Gly Glu Ser Asp Gln Ala Ser Ala Thr Ser Ser Asp Glu
1 5 10 15

Val Gln Ser Pro Val Arg Val Arg Met Cys Cys Asn His Pro Pro Arg
20 25 30

Lys Ile Ser Thr Glu Asp Ile Asn Lys Arg Leu Ser Leu Pro Ala Asp
35 40 45

Ile Arg Leu Pro
50

<210> 645
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H1592Q"

<400> 645
Leu Asp Glu Glu His Arg Arg Leu Arg Glu Ala Ser Gly Glu Gly Trp
1 5 10 15

Lys Gly Gln Asp Pro Phe Arg Asp Leu Gln Gln Ser Leu Leu Met Glu

20 25 30

Ile Gln Ala Leu Arg Leu Gln Leu Glu Arg Ser Ile Glu Thr Ser Ser
35 40 45

Thr Leu Gln Ser
50

<210> 646
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P409L"

<400> 646
Tyr Lys Phe Pro Ser Leu Phe Ile Asn Gln Phe Tyr Pro Arg Pro Gly
1 5 10 15

Thr Pro Ala Ala Lys Met Glu Gln Val Leu Leu Ala Gln Val Lys Lys
20 25 30

Gln Arg Thr Lys Asp Leu Ser Arg Val Phe His Ser Tyr Ser Pro Tyr
35 40 45

Asp His Lys Ile Gly
50

<210> 647
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H83Y"

<400> 647
Arg Val Ala Glu Leu Leu Leu Leu His Gly Ala Glu Pro Asn Cys Ala
1 5 10 15

Asp Pro Ala Thr Leu Thr Arg Pro Val Tyr Tyr Asp Ala Ala Arg Glu

20 25 30

Gly Phe Leu Asp Thr Leu Val Val Leu His Arg Ala Gly Ala Arg Leu
35 40 45

Asp Val Arg Asp
50

<210> 648
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D108Y"

<400> 648
His Asp Ala Ala Arg Glu Gly Phe Leu Asp Thr Leu Val Val Leu His
1 5 10 15

Arg Ala Gly Ala Arg Leu Asp Val Arg Tyr Tyr Ala Trp Gly Arg Leu
20 25 30

Pro Val Asp Leu Ala Glu Glu Leu Gly His Arg Asp Val Ala Arg Tyr
35 40 45

Leu Arg Ala Ala
50

<210> 649
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V31A"

<400> 649
Asp Val Asp Phe Leu Glu Asp Val Pro Leu Leu Glu Asp Ile Pro Leu
1 5 10 15

Leu Glu Asp Val Pro Leu Leu Glu Asp Ala Ala Pro Leu Leu Glu Asp

20 25 30

Thr Ser Arg Leu Glu Asp Ile Asn Leu Met Glu Asp Met Ala Leu Leu
35 40 45

Glu Asp Val Asp
50

<210> 650
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A60G"

<400> 650
Val Ser Ala Pro Asp Gly Pro Ser Asp Pro Ser Ile Ser Val Ser Ser
1 5 10 15

Glu Gln Ser Gly Ala Gln Gln Pro Pro Gly Gly Leu Gln Val Glu Arg
20 25 30

Ile Val Asp Lys Arg Lys Asn Lys Lys Gly Lys Thr Glu Tyr Leu Val
35 40 45

Arg Trp Lys Gly
50

<210> 651
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L640I"

<400> 651
Cys His Ser Ala Ser Asn Pro Ser Pro Gln Tyr Ser Trp Arg Ile Asn
1 5 10 15

Gly Ile Pro Gln Gln His Thr Gln Val Ile Ile Phe Ile Ala Lys Ile

20 25 30

Thr Pro Asn Asn Asn Gly Thr Tyr Ala Cys Phe Val Ser Asn Leu Ala
35 40 45

Thr Gly Arg Asn
50

<210> 652
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A309P"

<400> 652
Tyr Leu Asn Pro Met Ala Ala Phe Ala Ala Ala Gln Met Gln Gln Met
1 5 10 15

Ala Ala Leu Asn Met Asn Gly Leu Ala Pro Pro Ala Pro Met Thr Pro
20 25 30

Thr Ser Gly Gly Ser Thr Pro Pro Gly Ile Thr Ala Pro Ala Val Pro
35 40 45

Ser Ile Pro Ser
50

<210> 653
<211> 78
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G614fs"

<400> 653
Ala Val Asp Ala Asp Ser Gly Glu Asn Ala Arg Leu His Tyr Arg Leu
1 5 10 15

Val Asp Thr Ala Ser Thr Phe Leu Gly Ala Ala Ala Leu Gly Leu Arg

20 25 30

Ile Leu Pro Pro Pro Leu Thr Ser Pro Ser Arg Ser Thr Thr Ala Pro
35 40 45

Val Gly Ser Gln Cys Val Pro Ser Trp Thr Ala Arg Arg Trp Ser Thr
50 55 60

Thr Ala Ser Gly Trp Arg Arg Trp Thr Thr Ala Arg Pro Pro
65 70 75

<210> 654
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.16_17insP"

<400> 654
Met Arg Ser Pro Ala Thr Gly Val Pro Leu Pro Thr Pro Pro Pro Pro
1 5 10 15

Pro Pro Leu Leu Leu Leu Leu Leu Leu Leu Leu Pro Pro Pro Leu Leu
20 25 30

Gly Asp Gln Val Gly Pro Cys Arg Ser Leu Gly Ser Arg
35 40 45

<210> 655
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L17P"

<400> 655
Met Arg Ser Pro Ala Thr Gly Val Pro Leu Pro Thr Pro Pro Pro Pro
1 5 10 15

Pro Pro Leu Leu Leu Leu Leu Leu Leu Leu Pro Pro Pro Leu Leu Gly

20 25 30

Asp Gln Val Gly Pro Cys Arg Ser Leu Gly Ser
35 40

<210> 656
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E21K"

<400> 656
Met Ser Leu Asp Phe Gly Ser Val Ala Leu Pro Val Gln Asn Glu Asp
1 5 10 15

Glu Glu Tyr Asp Lys Lys Glu Asp Tyr Glu Arg Glu Lys Glu Leu Gln
20 25 30

Gln Leu Leu Thr Asp Leu Pro His Asp Met Leu Asp Asp Asp Leu
35 40 45

<210> 657
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S2058L"

<400> 657
Thr Glu Val Tyr Asp Leu Pro Gln Arg Pro Asn Asp Val Gln Leu Phe
1 5 10 15

Tyr Gly Ser Met Cys Lys Ile Ile Leu Leu Leu Val Ile Gly Glu Phe
20 25 30

Arg Asp Cys Ile Ser Ser Arg Glu Phe Leu Gln Pro Ser Ser Lys Ala
35 40 45

Ser Leu Glu Ser

50

<210> 658
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S253L"

<400> 658
Val Asn Val Asn Pro Glu Ile Thr Ala Leu Gln Thr Met Leu Ala Glu
1 5 10 15

Cys Gln Glu Asn Leu Lys Lys Leu Thr Leu Leu Ile Glu Lys Arg Leu
20 25 30

Asp Cys Leu Glu Gln Lys Met Lys Gly Lys Val Met Val Asp Glu Asn
35 40 45

Thr Trp Thr Asn
50

<210> 659
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A85fs"

<400> 659
Arg Ala Arg Met Ala Leu Trp Cys Ala Thr Asp His Asn Val Asp Asn
1 5 10 15

Thr Thr Glu Met Leu Gln Glu Trp Leu Gly Ala Met Thr Met Leu Leu
20 25 30

Trp Ser Gly Gly Leu Arg Ala Ser Pro Gly Ser Thr Gln Met Lys Arg
35 40 45

Val Pro Ser Thr Gly Pro Lys Lys Gly Thr Ser Phe

50 55 60

<210> 660
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E95D"

<400> 660
Phe Val Ala Ser Pro Leu Ala Lys Ser Phe Gly Ile Lys Glu Thr Val
1 5 10 15

Arg Lys Val Thr Pro Asn Thr Val Leu Asp Asp Asn Phe Phe Lys His
20 25 30

Ser Thr Arg Gln Pro Leu Gln Thr Asp Ile Tyr Gly Leu Ala Lys Lys
35 40 45

Cys Asn Leu Thr
50

<210> 661
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.K63fs"

<400> 661
Thr Asp Lys Asp Glu Ala Ile Asp Tyr His Glu Leu Lys Val Ala Met
1 5 10 15

Arg Ala Leu Gly Phe Asp Val Lys Lys Leu Met Tyr
20 25

<210> 662
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R314M"

<400> 662
Ile Asn Val Ser Val Ala Ile Ile Thr Phe Ala Ser Glu Pro Lys Val
1 5 10 15

Leu Met Ser Val Leu Asn Asp Asn Ser Met Met Asp Met Thr Glu Val
20 25 30

Ile Ser Ser Leu Glu Asn Ala Asn Tyr Lys Asp His Glu Asn Gly Thr
35 40 45

Gly Thr Asn Thr Tyr
50

<210> 663
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.P129fs"

<400> 663
Ala Arg Lys Lys Lys Glu Asp Glu Leu Trp Ala Ser Phe Leu Asn Asp
1 5 10 15

Val Gly Pro Lys Ser Lys Val Pro Pro Lys Tyr Thr Ser
20 25

<210> 664
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.R441H"

<400> 664
Leu Cys Lys Glu Asn Tyr Leu Leu Pro Glu Ala Lys Glu Ile Val Cys
1   5   10   15

Lys Asp Gly Arg Trp Gln Ser Leu Pro His His Cys Val Glu Ser Thr
            20   25   30

Ala Tyr Cys Gly Pro Pro Pro Ser Ile Asn Asn Gly Asp Thr Thr Ser
        35   40   45

Phe Pro Leu Ser
    50

<210> 665
<211> 89
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K37fs"

<400> 665
Cys Phe His Leu Arg Phe Cys Lys Val Thr Tyr Thr Ser Gln Glu Asp
1   5   10   15

Leu Val Glu Lys Lys Cys Leu Ala Lys Asn Ile Leu Thr Ser Pro Ala
            20   25   30

Ile Lys Ser Ser Ala Ser His Gly Arg Asp Ala Leu Arg Ala Pro Val
        35   40   45

Phe Val Asn Tyr Arg Ile Ser Ala Gln Arg Met Ala Leu Gln Cys Val
    50   55   60

Gln Leu Thr Gly Glu Ala Ser Gln His Thr Val Asn Lys Arg Val Trp
65   70   75   80

Asn Val Phe Ile Gln Gly Gln Ser Phe
                85

<210> 666
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T18A"

<400> 666
Met Glu Met Phe Gln Gly Leu Leu Leu Leu Leu Leu Ser Met Gly
1 5 10 15

Gly Ala Ala Trp Ala Ser Arg Glu Met Leu Arg Pro Arg Cys Arg Pro
20 25 30

Ile Asn Ala Thr Leu Ala Val Glu Lys Glu Gly Cys
35 40

<210> 667
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T79M"

<400> 667
Pro Cys Leu Gly Gly Met Ala Ser Gly Pro Cys Gly Glu Gln Phe Lys
1 5 10 15

Ser Ala Phe Ser Cys Phe His Tyr Ser Met Met Glu Glu Ile Lys Gly
20 25 30

Ser Asp Cys Val Asp Gln Phe Arg Ala Met Gln Glu Cys Met Gln Lys
35 40 45

Tyr Pro Asp Leu
50

<210> 668
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P597fs"

<400> 668
Trp Arg Trp Gly Glu Pro Pro Val Ala Val Pro Ala Pro Gln Gln Ala
1   5   10   15

Asp Gly Asn Pro Asp Val Pro Pro Pro Val Leu Phe Lys Ala Asp Gln
            20   25   30

Ser Glu Ser Ser Leu Ser Ser Gly
        35   40

<210> 669
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R975H"

<400> 669
Leu Gly Pro His Met Leu Arg Arg Leu Lys Ala Asp Val Phe Lys Asn
1   5   10   15

Met Pro Ser Lys Thr Glu Leu Ile Val His His Val Glu Leu Ser Pro
            20   25   30

Met Gln Lys Lys Tyr Tyr Lys Tyr Ile Leu Thr Arg Asn Phe Glu Ala
        35   40   45

Leu Asn Ala Arg
    50

<210> 670
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.A801T"

<400> 670
Tyr Val Val Thr Tyr Thr Gly Asp Lys Glu Ser Arg Ser Val Ile Arg
1   5   10   15

Glu Asn Glu Phe Ser Phe Glu Asp Asn Thr Thr Ile Arg Ser Gly Lys
            20   25   30

Lys Val Phe Arg Met Lys Lys Glu Val Gln Ile Lys Phe His Val Leu
        35   40   45

Leu Thr Ser Tyr
    50

<210> 671
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E40A"

<400> 671
Ala Arg Gly Ala Leu Gly Gln Gln Gln Ser Leu Gly Ala Arg Ala Leu
1   5   10   15

Ala Ser Ala Gly Ser Glu Ser Arg Asp Ala Ala Tyr Ser Tyr Val Val
            20   25   30

Val Gly Ala Gly Ser Ala Gly Cys Val Leu Ala Gly Arg Leu Thr Glu
        35   40   45

Asp Pro Ala Glu
    50

<210> 672
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K373E"

<400> 672
Leu Lys Pro Glu Asn Val Leu Leu Ser Ser Gln Glu Glu Asp Cys Leu
1   5   10   15

Ile Lys Ile Thr Asp Phe Gly His Ser Glu Glu Ile Leu Gly Glu Thr
            20   25   30

Ser Leu Met Arg Thr Leu Cys Gly Thr Pro Thr Tyr Leu Ala Pro Glu
        35   40   45

Val Leu Val Ser Val
    50

<210> 673
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K373E"

<400> 673
Leu Lys Pro Glu Asn Val Leu Leu Ser Ser Gln Glu Glu Asp Cys Leu
1   5   10   15

Ile Lys Ile Thr Asp Phe Gly His Ser Glu Glu Ile Leu Gly Glu Thr
            20   25   30

Ser Leu Met Arg Thr Leu Cys Gly Thr Pro Thr Tyr Leu Ala Pro Glu
        35   40   45

Val Leu Val Ser
    50

<210> 674
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P284fs"

<400> 674
Leu Ile Leu Gly Met Pro Thr Tyr Gly Arg Ser Phe Thr Leu Ala Ser
1   5   10   15

Ser Ser Asp Thr Arg Val Gly Ala Pro Ser His Arg Val Trp His Ser
            20   25   30

Arg Pro Leu His Gln Gly Arg Arg Asp Ala Gly Leu Leu
        35   40   45

<210> 675
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K264N"

<400> 675
Cys Gly Leu Asn Val His Lys Gln Cys Ser Lys Met Val Pro Asn Asp
1   5   10   15

Cys Lys Pro Asp Leu Lys His Val Lys Asn Asn Val Tyr Ser Cys Asp
            20   25   30

Leu Thr Thr Leu Val Lys Ala His Thr Thr Lys Arg Pro Met Val Val
        35   40   45

Asp Met Cys Ile
    50

<210> 676
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I43M"

<400> 676
Ala Glu Glu Tyr Gln Pro Pro Ile Trp Lys Ser Tyr Leu Tyr Gln Leu

1 5 10 15

Gln Gln Glu Ala Pro Arg Pro Lys Arg Met Met Ile Cys Pro Arg Glu
20 25 30

Val Glu Asn Arg Pro Lys Tyr Tyr Gly Arg Glu Phe His Gly Ile Ile
35 40 45

Ser Arg Glu Gln
50

<210> 677
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L23del"

<400> 677
Met Gly Ser Gly Pro Leu Ser Leu Pro Leu Ala Leu Ser Pro Pro Arg
1 5 10 15

Leu Leu Leu Leu Leu Leu Ser Leu Leu Pro Val Ala Arg Ala Ser Glu
20 25 30

Ala Glu His Arg Leu Phe Glu Arg Leu Phe Glu Asp Tyr Asn Glu Ile
35 40 45

Ile Arg
50

<210> 678
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S396R"

<400> 678
Leu Ile Glu Ser Met His Lys Met Ala Ser Ala Pro Arg Phe Trp Pro

1 5 10 15

Glu Pro Glu Gly Glu Pro Pro Ala Thr Arg Arg Gly Thr Gln Ser Leu
20 25 30

His Pro Pro Ser Pro Ser Phe Cys Val Pro Leu Asp Val Pro Ala Glu
35 40 45

Pro Gly Pro Ser
50

<210> 679
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P361Q"

<400> 679
Trp Ala Arg Val Val Ile Leu Lys Tyr Met Ser Arg Val Leu Phe Val
1 5 10 15

Tyr Asp Val Gly Glu Ser Cys Leu Ser Gln Gln His His Ser Arg Glu
20 25 30

Arg Asp His Leu Thr Lys Val Tyr Ser Lys Leu Pro Glu Ser Asn Leu
35 40 45

Lys Ala Ala Arg
50

<210> 680
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R507fs"

<400> 680
Pro Glu Gly Asn Lys Gly Phe Gly Arg Lys Val Phe Ser Pro Val Ile

1 5 10 15

Arg Ser Ser Phe Thr His Cys Arg Pro His Trp Thr Leu Ser Pro Gln
20 25 30

Gly Pro Arg Ile Leu Leu
35

<210> 681
<211> 58
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A1114fs"

<400> 681
Ile Thr Ala Phe Tyr Ser Gly Ser Pro Ala Pro Thr Ser Ser Ala Pro
1 5 10 15

Leu Ala Gln Pro Ser Gln Ala Pro Pro Lys Pro Gly Leu His Cys Gly
20 25 30

His Gln His Asn Pro Thr Cys Ser His His Ser Ala Gln Gly Pro Ala
35 40 45

Ser Pro Cys His Cys His Pro Ser Pro Asp
50 55

<210> 682
<211> 69
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A1114fs"

<400> 682
Val Ile Thr Ala Phe Tyr Ser Gly Ser Pro Ala Pro Thr Ser Ser Ala
1 5 10 15

Pro Leu Ala Gln Pro Ser Gln Ala Pro Gln Ala Trp Ser Thr Leu Trp

20 25 30

Pro Pro Ala Gln Pro His Leu Gln Pro Pro Phe Cys Pro Arg Ala Arg
35 40 45

Gln Pro Leu Pro Leu Pro Pro Gln Pro Arg Leu Ala Leu Ser Pro Ala
50 55 60

Pro Gln Gln Val Pro
65

<210> 683
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E728K"

<400> 683
Ala Glu Ser Glu Leu Ala Phe Pro Ser Phe Leu Leu Gln Cys Phe Leu
1 5 10 15

Gly Ala Leu Trp Leu Ala Leu Ser Gly Lys Lys Ile Lys Asp Lys Glu
20 25 30

Leu Pro Gln Tyr Leu Ala Leu Thr Pro Arg Lys Lys Arg Pro Tyr Asp
35 40 45

Asn Trp Leu Glu
50

<210> 684
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V553M"

<400> 684
Val Thr Phe Val Asp Pro Ser Gly Glu Phe Met Asp Ala Val Arg Val

1 5 10 15

Leu Pro Phe Asp Pro Arg Gly Ala Gly Met Met Tyr His Glu Val Lys
20 25 30

Ala Met Arg Lys Lys Ala Pro Val Ile Leu His Thr Ser Gln Ser Asn
35 40 45

Thr Ile Pro Leu
50

<210> 685
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S250I"

<400> 685
Thr Gly Thr Leu Val Lys Ser His Leu Ile Ala Asn Ala Asp Val Gln
1 5 10 15

Ser Ile Ala Val Ala Asp Gln Glu Asp Ile Ile Phe Val Val Gly Thr
20 25 30

Ala Glu Gly Thr Val Phe His Phe Gln Leu Val Pro Val Thr Ser Asn
35 40 45

Ser Ser Glu Lys
50

<210> 686
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V668A"

<400> 686
Ser Glu Pro Gln His Gln Gln Arg Leu Gly Glu Ile Gln His Met Ser

1 5 10 15

Gln Ala Cys Leu Leu Ser Leu Leu Pro Ala Ala Pro Arg Asp Val Leu
20 25 30

Glu Thr Glu Asp Glu Glu Pro Pro Pro Arg Arg Trp Cys Asn Thr Cys
35 40 45

Gln Leu Tyr Tyr
50

<210> 687
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L89P"

<400> 687
Gln Leu Leu Gln Leu Gln Gln Leu Leu Gln Gln Ser Pro Pro Gln Ala
1 5 10 15

Pro Leu Pro Met Ala Val Ser Arg Gly Pro Pro Pro Pro Gln Gln Pro
20 25 30

Gln Gln Pro Leu Leu Asn Leu Gln Gly Thr Asn Ser Ala Ser Leu Leu
35 40 45

Asn Gly Ser Met
50

<210> 688
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.*684K"

<400> 688
Gly Arg Glu Thr Asp Ala Phe Val Cys Arg Pro Asn Ala Ala Leu Cys

1 5 10 15

Arg Val Tyr Tyr Glu Ala Asp Thr Thr Lys Lys Glu Lys
20 25

<210> 689
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G576A"

<400> 689
Ala Gly Gly Pro Pro Lys Lys Gly Lys Pro Ala Ala Pro Gly Gly Ala
1 5 10 15

Gly Asn Thr Gly Thr Lys Asn Lys Lys Ala Ala Leu Glu Thr Lys Glu
20 25 30

Ile Val Glu Pro Glu Leu Ser Ile Glu Val Cys Glu Glu Lys Ala Ser
35 40 45

Ala Val Leu Pro
50

<210> 690
<211> 55
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.645_645R>RR"

<400> 690
Ile Leu Leu Gly Ser Ile Glu Arg Ser Gln Val Val Ala Leu Leu Gly
1 5 10 15

Ala Gln Leu Ser Pro Ala Arg Arg Arg Arg Arg Gln His Met Gln
20 25 30

Glu Arg Arg Ala Thr Gln Thr Ser Pro Leu Ser Asp Gln Glu Gly Pro

35 40 45

Pro Thr Pro Glu Ala Ser Val
50 55

<210> 691
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P124Q"

<400> 691
Tyr Pro Val Ala Leu Val Ser Phe Ser Ser Gly Phe Ser Gln Ser Ile
1 5 10 15

Thr Pro Ser Ser Gly Gly Ser Gly Ile Gln Gln Glu Leu Lys Thr Met
20 25 30

Leu Ala Gly Val Ile Leu Glu Asp Tyr Leu Asp Ile Lys Asn Phe Gly
35 40 45

Ala Lys Val Val
50

<210> 692
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V210M"

<400> 692
Cys Asp Glu Arg Cys Arg Arg Arg Arg Lys Gly Pro Ser Ala Gly Pro
1 5 10 15

Arg Arg Ser Ser Val Ser Thr Ile Gln Met Met Glu Trp Pro Glu Pro
20 25 30

Asp Leu Ala Pro Ala Ile Lys Tyr Tyr Ser Asp Gly Gln His Arg Pro

35 40 45

Pro Pro Ala Gln
50

<210> 693
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S172A"

<400> 693
Asp Phe Tyr Asn Pro Leu Ile Pro Thr Asn Ile Lys Tyr Glu Phe Gly
1 5 10 15

Pro Ala Ile Phe Ile Gly Trp Ala Gly Ala Ala Ala Leu Val Ile Leu
20 25 30

Gly Gly Ala Leu Leu Ser Cys Ser Cys Pro Gly Asn Glu Ser Lys Ala
35 40 45

Gly Tyr Arg Val
50

<210> 694
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W217L"

<400> 694
Met Ser Gln Pro Leu Leu Met Phe Ser Phe Phe Trp Leu Gly Leu Ser
1 5 10 15

Trp Asp Ser Ser Gly Arg Ser Trp Phe Leu Leu Glu Asp Gly Ser Val
20 25 30

Pro Ser Pro Ser Leu Phe Ser Thr Lys Glu Leu Asp Gln Ile Asn Gly

35 40 45

Ser Lys Gly Cys
50

<210> 695
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R423H"

<400> 695
Gly Gln Pro Asp Asn His Gly Phe Gly Asn Cys Val Glu Leu Gln Ala
1 5 10 15

Ser Ala Ala Phe Asn Trp Asn Asn Gln His His Cys Lys Thr Arg Asn
20 25 30

Arg Tyr Ile Cys Gln Phe Ala Gln Glu His Ile Ser Arg Trp Gly Pro
35 40 45

Gly Ser
50

<210> 696
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R209H"

<400> 696
Tyr Asn Glu Ser Ser Thr Phe Trp His Pro Arg Glu Pro Ser Asp Pro
1 5 10 15

Asn Glu Arg Cys Val Val Leu Asn Phe His His Lys Ser Pro Lys Arg
20 25 30

Trp Gly Trp Asn Asp Val Asn Cys Leu Gly Pro Gln Arg Ser Val Cys

35 40 45

Glu Met Met Lys
50

<210> 697
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R179L"

<400> 697
Gln Trp Val Asp Gln Thr Pro Tyr Asn Glu Asn Val Thr Phe Trp His
1 5 10 15

Ser Gly Glu Pro Asn Asn Leu Asp Glu Leu Leu Cys Ala Ile Ile Asn
20 25 30

Phe Arg Ser Ser Glu Glu Trp Gly Trp Asn Asp Ile His Cys His Val
35 40 45

Pro Gln Lys Ser
50

<210> 698
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q298E"

<400> 698
Glu Gly Pro Ala Gly Asp Ser Met Asp Ala Glu Gly Pro Ala Gly Arg
1 5 10 15

Ala Arg Arg Val Ser Gly Glu Pro Gln Glu Glu Ser Gly Asp Gly Ser
20 25 30

Leu Ser Pro Gln Ala Glu Ala Ile Glu Val Ala Ala Gly Glu Ser Ala

35 40 45

Gly Arg Ser Pro
50

<210> 699
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S1018fs"

<400> 699
Ala Ala Lys Lys His Glu Glu Glu Lys Lys Glu Leu Glu Arg Lys Leu
1 5 10 15

Ser Asp Leu Glu Lys Lys Met Glu Thr Lys Pro Gln Pro Val Ser Gly
20 25 30

Ala Glu Ser Gln Val
35

<210> 700
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R68L"

<400> 700
Cys Lys Pro His His Gln Phe Lys Glu Ser Asp Cys His Tyr Leu Glu
1 5 10 15

Ala Arg Ser Leu Asn Glu Arg Asp Tyr Leu Leu Asp Arg Arg Tyr Val
20 25 30

Asp Glu Tyr Arg Asn Asp Tyr Cys Glu Gly Tyr Val Pro Arg His Tyr
35 40 45

His Arg Asp Ile

50

<210> 701
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G206S"

<400> 701
Ile Ser Trp Trp Ser Ser Gly Thr Gly Gly Ala Gly Leu Leu Gly Ala
1 5 10 15

Leu Ser Tyr Leu Gly Leu Thr Gln Ala Ser Ser Leu Ser Pro Gln Gln
20 25 30

Thr Leu Leu Ser Met Leu Gly Ile Pro Ala Leu Leu Leu Ala Ser Tyr
35 40 45

Phe Leu Leu Leu
50

<210> 702
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T615M"

<400> 702
Leu Glu Gly Glu Asp Leu Gly Glu Leu Asp Lys Ala Met Gln His Ile
1 5 10 15

Ser Tyr Leu Asn Ser Arg Gln Phe Pro Met Met Pro Gly Ile Arg Arg
20 25 30

Leu Lys Ile Thr Ser Thr Ile Lys Cys Phe Asn Glu Ala Thr Cys Ile
35 40 45

Ser Val Pro Pro

50

<210> 703
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P759L"

<400> 703
Tyr Ser Ile Tyr Gly Val Gly Ser Met Ser Arg Tyr Glu Gln Val Leu
1 5 10 15

His His Ile Arg Tyr Arg Asn Trp Arg Leu Leu Ala Ser Leu Glu Ala
20 25 30

Arg Arg Phe Arg Ile Lys Cys Ser Glu Leu Asn Gly Arg Tyr Thr Ser
35 40 45

Asn Glu Phe Asn
50

<210> 704
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G463R"

<400> 704
Ser Glu Leu Ala Asn Gln Ala Pro Glu Thr Glu Ile Ile Phe Asn Ser
1 5 10 15

Ile Gln Val Val Pro Arg Ile His Glu Arg Arg Asn Ile Ser Lys Gln
20 25 30

Asp Glu Thr Met Met Thr Asp Leu Ser Ile Leu Pro Ser Ser Asn Phe
35 40 45

Thr Leu Lys Ile

50

<210> 705
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I81K"

<400> 705
Ile Arg Arg Asn Phe Val Leu Thr Ala Ala His Cys Ala Gly Arg Ser
1 5 10 15

Ile Thr Val Thr Leu Gly Ala His Asn Lys Lys Thr Glu Glu Glu Asp
20 25 30

Thr Trp Gln Lys Leu Glu Val Ile Lys Gln Phe Arg His Pro Lys Tyr
35 40 45

Asn Thr Ser Thr
50

<210> 706
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R110Q"

<400> 706
Phe Gln Ser Val Trp Val Ser Thr Asp His Asp Glu Ile Glu Asn Val
1 5 10 15

Ala Lys Gln Phe Gly Ala Gln Val His Gln Gln Arg Ser Ser Glu Val
20 25 30

Ser Lys Asp Ser Ser Thr Ser Leu Asp Ala Ile Ile Glu Phe Leu Asn
35 40 45

Tyr His Asn Glu

50

<210> 707
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A230T"

<400> 707
Glu Ile Val Ser Lys Leu Leu Ser Glu Asn Thr Asn Leu Thr Thr Gln
1 5 10 15

Glu His Glu Asn Ile Ile Val Ala Ile Thr Thr Pro Leu Leu Glu Asn
20 25 30

Asn His Pro Pro Pro Asp Leu Cys Glu Phe Phe Cys Lys His Cys Arg
35 40 45

Glu Arg Pro Arg
50

<210> 708
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S26T"

<400> 708
Met Glu Glu Pro Gln Arg Ala Arg Ser His Thr Val Thr Thr Thr Ala
1 5 10 15

Ser Ser Phe Ala Glu Asn Phe Ser Thr Thr Thr Ser Ser Ser Phe Ala
20 25 30

Tyr Asp Arg Glu Phe Leu Arg Thr Leu Pro Gly Phe Leu Ile Val Ala
35 40 45

Glu Ile Val Leu

50

<210> 709
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L396P"

<400> 709
Arg Ser Ile Ile Gly Phe Val Lys Leu Arg Ser Asn Lys Val Lys Arg
1 5 10 15

Ser Gln Lys Leu Val Tyr Met Gly Lys Pro Pro Lys Glu Lys Glu Ser
20 25 30

Phe Gly Glu Ile Ser Val Leu Leu Gln Val Pro Phe Thr Cys Thr Ile
35 40 45

Ile Thr Lys Lys
50

<210> 710
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K510T"

<400> 710
Ala Glu Ile Ala Leu Gln Glu Ala Thr Glu Ser Arg Leu Arg Gly Leu
1 5 10 15

Asp Gln Gln Leu Asp Asp Leu Gln Thr Thr Thr Phe Ala Arg Leu Leu
20 25 30

Ala Glu Leu Glu Ser Ser Ala Leu Lys Ile Ala Tyr Arg Ile Glu Arg
35 40 45

Leu Glu Trp Gln

50

<210> 711
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P249L"

<400> 711
Ser Glu Gly Leu Gly Met Tyr Ile Lys Ser Thr Tyr Asp Gly Leu His
1 5 10 15

Val Ile Thr Gly Thr Thr Glu Asn Ser Leu Leu Ala Asp Arg Cys Lys
20 25 30

Lys Ile His Ala Gly Asp Glu Val Ile Gln Val Asn His Gln Thr Val
35 40 45

Val Gly Trp Gln
50

<210> 712
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E20K"

<400> 712
Met Ala Asp Lys Arg Lys Leu Gln Gly Glu Ile Asp Arg Cys Leu Lys
1 5 10 15

Lys Val Ser Lys Lys Gly Val Glu Gln Phe Glu Asp Ile Trp Gln Lys
20 25 30

Leu His Asn Ala Ala Asn Ala Asn Gln Lys Glu Lys Tyr Glu
35 40 45

<210> 713

<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.S248fs"

<400> 713
Gln Glu Ile Leu Ser Cys Asn Ala Asp Ile Val Ser Leu Gln Glu Val
1 5 10 15

Glu Thr Glu Gln Tyr Tyr Ser Phe Phe Trp
20 25

<210> 714
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R102W"

<400> 714
Glu Pro Asp Gly Asp Arg Val Val Tyr Thr Gly Thr Tyr Asp Thr Glu
1 5 10 15

Gly Val Thr Pro Thr Lys Ser Gly Glu Trp Trp Gln Pro Ile Gln Ile
20 25 30

Thr Met Pro Phe Thr Asp Ile Gly Thr Phe Glu Thr Val Trp Gln Val
35 40 45

Lys Phe Tyr Asn
50

<210> 715
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D252Y"

<400> 715
Gln Thr Pro Ser Thr Trp Pro Asp Pro Glu Ser Phe Pro Leu Lys Phe
1   5   10   15

Phe Leu Arg Tyr Arg Pro Leu Ile Leu Tyr Tyr Gln Trp Gln His Val
            20   25   30

Glu Leu Ser Asp Gly Thr Ala His Thr Ile Thr Asp Ala Tyr Ala Gly
        35   40   45

Lys Glu Tyr Ile
    50

<210> 716
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S379F"

<400> 716
Leu Glu Ile Pro Asn Val Gln Leu Asp Asp Ala Gly Ile Tyr Glu Cys
1   5   10   15

Arg Ala Glu Asn Ser Arg Gly Lys Asn Phe Phe Phe Arg Gly Gln Leu
            20   25   30

Gln Val Tyr Thr Tyr Pro His Trp Val Glu Lys Leu Asn Asp Thr Gln
        35   40   45

Leu Asp Ser Gly
    50

<210> 717
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T178N"

<400> 717
Ile Asp Gly Thr Phe Ile Ile Ser Asn Pro Ser Glu Ala Lys Asp Ser
1   5   10   15

Gly His Tyr Gln Cys Leu Ala Thr Asn Asn Asn Val Gly Ser Ile Leu
            20   25   30

Ser Arg Glu Ala Thr Leu Gln Phe Ala Tyr Leu Gly Asn Phe Ser Gly
        35   40   45

Arg Thr Arg Ser
    50

<210> 718
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R807M"

<400> 718
Asn Asn Glu Gly Glu Gly Ser Leu Ser Thr Val Thr Ile Val Tyr Ser
1   5   10   15

Gly Glu Asp Glu Pro Gln Leu Ala Pro Met Met Gly Thr Ser Leu Gln
            20   25   30

Ser Phe Ser Ala Ser Glu Met Glu Val Ser Trp Asn Ala Ile Ala Trp
        35   40   45

Asn Arg Asn Thr
    50

<210> 719
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S1029I"

<400> 719
Glu Pro Gly Thr Trp Met Arg Tyr Asn Leu Gln Ser Ala Leu Arg Ser
1   5   10   15

Ala Ala Arg Glu Phe Ser His Met Leu Ile Ile Arg Pro Val Pro Gly
            20   25   30

Tyr Glu Pro Gly Tyr Ile Pro Gly Tyr Asp Thr Pro Gly Tyr Val Pro
        35   40   45

Gly Tyr His Gly
    50

<210> 720
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F395L"

<400> 720
Glu Pro Tyr Thr Val Pro Val Phe Phe Asn Ala Thr Ser Tyr Leu Glu
1   5   10   15

Val Pro Gly Arg Leu Asn Gln Asp Leu Leu Leu Ser Val Ser Phe Gln
            20   25   30

Phe Arg Thr Trp Asn Pro Asn Gly Leu Leu Val Phe Ser His Phe Ala
        35   40   45

Asp Asn Leu Gly
    50

<210> 721
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Y436S"

<400> 721
Leu Phe Ser Glu Leu Gln Leu Ile Ser Gly Gly Ile Leu Leu Phe Leu
1   5   10   15

Ser Asp Gly Lys Leu Lys Ser Asn Leu Ser Ser Gln Pro Gly Lys Leu
            20   25   30

Pro Ser Asp Ile Thr Ala Gly Val Glu Leu Asn Asp Gly Gln Trp His
        35   40   45

Ser Val Ser Leu
    50

<210> 722
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I12F"

<400> 722
Met Leu Leu Phe Tyr Leu Leu Val Val Leu Ser Phe Phe Asp Ser Thr
1   5   10   15

Lys Ala Ser Ala Leu Thr Asn Pro Asn Val Ala Leu Phe Leu Leu Ala
            20   25   30

Asp Asp Cys Asp Asp Pro
        35

<210> 723
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P185S"

<400> 723
Ser Lys Ile Glu Gly Ile Glu Asn Met Cys Asn Leu Gln Lys Leu Asn
1   5   10   15

Leu Ala Gly Asn Glu Ile Glu His Ile Ser Ser Val Trp Leu Gly Lys
            20   25   30

Lys Leu Lys Ser Leu Arg Val Leu Asn Leu Lys Gly Asn Lys Ile Ser
        35   40   45

Ser Leu Gln Asp
    50

<210> 724
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R920fs"

<400> 724
Pro Lys Thr Glu Lys Pro Pro Ala Arg Lys Lys Ser Gly His Pro Ala
1   5   10   15

Pro Ser Ser Met Arg Ser Arg Gly Gly Ser Leu Glu Met Ser Pro Pro
            20   25   30

Thr Leu Ser Pro Leu Cys Ser Leu Ile Val Val Ile Leu Ile Asn Ala
        35   40   45

His

<210> 725
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K732N"

<400> 725
Asp Pro Leu Thr Val Lys Asp Pro Ile Cys Ala His Gly Asn Asp Asp
1   5   10   15

Leu Leu Pro Pro Val Asp Arg Ile Asp Asn Asn Asn Ser Thr Ala Ser
            20   25   30

Tyr Leu Lys Asn Tyr Pro Leu Tyr Arg Gln Asp Tyr Asn Pro Lys Pro
        35   40   45

Lys Pro Ser Asn
    50

<210> 726
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H617R"

<400> 726
Thr Lys Val Val Ser Ser Gln Ser Ser Phe Pro Leu Ala Ala Glu Gln
1   5   10   15

Thr Ile Ile Ser Ala Leu Lys Ala Ile Arg Arg Ala Leu Met Glu Asn
            20   25   30

Ala Val Gln Pro Leu Leu Thr Ser Val Gly Asp Ala Ile Glu Ala Ile
        35   40   45

Ile Ile Thr Met
    50

<210> 727
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R1082I"

<400> 727
Ser Thr Val Gly Ala Leu Asn Lys Ile Gly Thr Asp Gly Thr Gln Val
1   5   10   15

Ala Met Val Gln Phe Thr Asp Asp Pro Ile Ile Thr Glu Phe Lys Leu
            20   25   30

Asn Ala Tyr Lys Thr Lys Glu Thr Leu Leu Asp Ala Ile Lys His Ile
        35   40   45

Ser Tyr Lys Gly
    50

<210> 728
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K708R"

<400> 728
Ala Arg Gly Pro Asn Gly Ser Val Gly Glu Lys Gly Asp Pro Gly Asn
1   5   10   15

Arg Gly Leu Pro Gly Pro Pro Gly Lys Arg Arg Gly Gln Ala Gly Pro
            20   25   30

Pro Gly Val Met Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro
        35   40   45

Gly Pro Gly Cys
    50

<210> 729
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G884fs"

<400> 729
Asp Arg Gly Ser Arg Gly Glu Lys Gly Asp Pro Gly Lys Asp Gly Val
1   5   10   15

Gly Gln Pro Gly Leu Pro Gly Pro Pro Asp Pro Arg Asp Leu Trp Ser
            20   25   30

Thr Cys Arg Ser Arg Thr Asp Pro Ser
        35   40

<210> 730
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P538Q"

<400> 730
Gly Pro Pro Gly Leu Ile Gly Ser Pro Gly Leu Lys Gly Gln Gln Gly
1   5   10   15

Ser Ala Gly Ser Met Gly Pro Arg Gly Gln Gln Pro Gly Asp Val Gly
            20   25   30

Leu Pro Gly Glu His Gly Ile Pro Gly Lys Gln Gly Ile Lys Gly Glu
        35   40   45

Lys Gly Asp Pro
    50

<210> 731
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L550I"

<400> 731
Gly Pro Ala Gly Ala Pro Gly Leu Val Gly Pro Leu Gly Pro Ser Gly

1 5 10 15

Pro Lys Gly Lys Lys Gly Glu Pro Ile Ile Ile Ser Thr Ile Gln Gly
20 25 30

Met Pro Gly Asp Arg Gly Asp Ser Gly Ser Gln Gly Phe Arg Gly Val
35 40 45

Ile Gly Glu Pro
50

<210> 732
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G516W"

<400> 732
Gln Gly Pro Ile Gly Pro Pro Gly Glu Glu Gly Lys Arg Gly Pro Arg
1 5 10 15

Gly Asp Pro Gly Thr Val Gly Pro Pro Trp Trp Pro Val Gly Glu Arg
20 25 30

Gly Ala Pro Gly Asn Arg Gly Phe Pro Gly Ser Asp Gly Leu Pro Gly
35 40 45

Pro Lys Gly Ala
50

<210> 733
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G612W"

<400> 733
Leu Gly Pro Leu Gly Ala Pro Gly Glu Asp Gly Arg Pro Gly Pro Pro

1 5 10 15

Gly Ser Ile Gly Ile Arg Gly Gln Pro Trp Trp Ser Met Gly Leu Pro
20 25 30

Gly Pro Lys Gly Ser Ser Gly Asp Pro Gly Lys Pro Gly Glu Ala Gly
35 40 45

Asn Ala Gly Val
50

<210> 734
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A2378D"

<400> 734
Gly Gln Lys Gly Asp Pro Gly Tyr Pro Gly Pro Ala Gly Pro Lys Gly
1 5 10 15

Asn Arg Gly Asp Ser Ile Asp Gln Cys Asp Asp Leu Ile Gln Ser Ile
20 25 30

Lys Asp Lys Cys Pro Cys Cys Tyr Gly Pro Leu Glu Cys Pro Val Phe
35 40 45

Pro Thr Glu Leu
50

<210> 735
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D2792N"

<400> 735
Tyr Phe Phe Val Val Leu Gly Ile Gly Arg Lys Val Asn Ile Lys Glu

1 5 10 15

Val Tyr Thr Phe Ala Ser Glu Pro Asn Asn Asn Val Phe Phe Lys Leu
20 25 30

Val Asp Lys Ser Thr Glu Leu Asn Glu Glu Pro Leu Met Arg Phe Gly
35 40 45

Arg Leu Leu Pro
50

<210> 736
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T2224M"

<400> 736
Gln Glu Asp Phe Leu Gly Gly Asn Gly Phe Ile Gly Gln Glu Leu Asn
1 5 10 15

Ser Gly Arg Glu Ser Pro Phe Val Lys Met Met Glu Asp Asn Gly Ser
20 25 30

Asp Tyr Leu Val Tyr Leu Pro Ser Gln Met Phe Glu Pro Gln Lys Leu
35 40 45

Met Ile Asn Tyr
50

<210> 737
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P211Q"

<400> 737
Gly Val Glu Arg Ser Ser Ala Thr Leu Phe Val Asp Cys Asn Arg Ile

```
1               5                   10                  15

Glu Ser Leu Pro Ile Lys Pro Arg Gly Gln Gln Ile Asp Ile Asp Gly
            20                  25                  30

Phe Ala Val Leu Gly Lys Leu Ala Asp Asn Pro Gln Val Ser Val Pro
        35                  40                  45

Phe Glu Leu Gln
    50
```

<210> 738
<211> 69
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P283fs"

<400> 738

```
Arg Ile Thr Pro Ser Gln Thr Thr Asp Glu Arg Gly Pro Pro Gly Glu
1               5                   10                  15

Gln Gly Pro Pro Gly Pro Pro Gly Pro Leu Glu Phe Gln Ala Ser Met
            20                  25                  30

Ala Ser Thr Val Thr Glu Val Leu Arg Ala Pro Arg Ala Pro Arg Val
        35                  40                  45

Leu Gln Val Asn Arg Glu Ser Gln Glu Leu Gln Ala Ser Leu Ala His
    50                  55                  60

Leu Ala Leu Met Asp
65
```

<210> 739
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.R425C"

<400> 739
Asn Val Ile Pro Val Leu Met Glu Phe Leu Ser Asp Asn Asn Glu Ala
1   5   10   15

Ala Ala Ala Asp Val Leu Glu Phe Val Cys Cys Glu Ala Ile Gln Arg
            20   25   30

Phe Asp Asn Leu Arg Met Leu Ile Val Glu Lys Met Leu Glu Val Phe
        35   40   45

His Ala Ile Lys
    50

<210> 740
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V66L"

<400> 740
Ser Phe Ala Leu Ala Arg Ala Ala Gly Ala Pro His Gly Gly Asp Leu
1   5   10   15

Gln Pro Pro Ala Cys Pro Glu Pro Arg Leu Trp Arg Gln Leu Ser Leu
            20   25   30

Ser Ala Ala Ala Val Val Asp Ser Ala Pro Arg Pro Leu Gln Pro Tyr
        35   40   45

Leu Arg Leu Met
    50

<210> 741
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.*526R"

<400> 741
Leu Thr Gln Arg Glu Val Gln Ala Lys Gln Leu Glu Leu Glu Ile Lys
1   5   10   15

Asn Leu Arg Met Gly Ser Glu Gln Leu Arg Arg Ala Glu Thr Ser Ala
            20   25   30

Leu Leu Thr Leu Arg Asp Thr Thr Arg Leu His Gly Glu Val
        35   40   45

<210> 742
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L86I"

<400> 742
Pro Ser Lys Ala Ala Glu Arg Val Val Gly Arg Trp Leu Leu Val Cys
1   5   10   15

Ser Gly Thr Val Ala Gly Ala Val Ile Ile Ile Gly Gly Val Thr Arg
            20   25   30

Leu Thr Glu Ser Gly Leu Ser Met Val Asp Trp His Leu Ile Lys Glu
        35   40   45

Met Lys Pro Pro
    50

<210> 743
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S8L"

<400> 743
Met Ala Val Val Gly Val Ser Leu Leu Val Ser Arg Leu Leu Gly Arg

1 5 10 15

Ser Arg Pro Gln Leu Gly Arg Pro Met Ser Ser Gly Ala His Gly Glu
20 25 30

Glu Gly

<210> 744
<211> 56
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P784fs"

<400> 744
Thr Asp Glu Ala Val Pro Ala Phe Gln Pro His Thr Gly Ser Leu Val
1 5 10 15

Ala Val Ala Pro Ser Arg His Pro Pro Glu Gln Arg Arg Glu Lys Gly
20 25 30

Leu Ser Ser Pro Lys His Gly Phe Gly Ile Val Ser Thr Ser Val Thr
35 40 45

His Leu Val Arg Gly His Ser Val
50 55

<210> 745
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P290Q"

<400> 745
Ser Ala His Glu Tyr Ser Ser Ser Pro Asp Asp Ala Ile Phe Gln Ser
1 5 10 15

Leu Ala Arg Ala Tyr Ser Ser Phe Asn Gln Gln Ala Met Ser Asp Pro

20 25 30

Asn Arg Pro Pro Cys Arg Lys Asn Asp Asp Asp Ser Ser Phe Val Asp
35 40 45

Gly Thr Thr Asn
50

<210> 746
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q127H"

<400> 746
Ser Lys Ser Pro Asn Leu Ser Lys His Asp Phe Leu Gly Gln Val Phe
1 5 10 15

Cys Thr Leu Gly Glu Ile Val Gly Ser His His Gly Ser Arg Leu Glu
20 25 30

Lys Pro Ile Val Gly Ile Pro Gly Lys Lys Cys Gly Thr Ile Ile Leu
35 40 45

Thr Ala Glu Glu
50

<210> 747
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T855K"

<400> 747
Thr Pro Arg Leu Pro Met Asn Lys Glu Trp Pro Ser Asn Leu Asp Leu
1 5 10 15

Arg Lys Glu Leu Ser Glu Pro Ser Ser Lys Lys Arg Ile Tyr Ala Ile

20 25 30

Ala Lys Ala Ile Asp Asp Asn Met Ser Leu Asp Glu Ile Glu Lys Leu
35 40 45

Thr Tyr Ile Asp
50

<210> 748
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P219Q"

<400> 748
Asn Pro Pro Leu Gln Arg Ser Ser Ser Leu Ile Gln Leu Thr Ser Gln
1 5 10 15

Asn Ser Ser Pro Asn Gln Gln Arg Thr Gln Gln Gln Val Ile Gly Val
20 25 30

Met Gln Ser Gln Asn Ser Ser Ala Gly Asn Arg Gly Pro Arg Pro Leu
35 40 45

Glu Gln Val Thr
50

<210> 749
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L79fs"

<400> 749
Pro Ile Gly Thr Tyr Leu Asn Tyr Glu Cys Arg Pro Gly Tyr Ser Gly
1 5 10 15

Arg Pro Phe Ser Ile Ile Cys Leu Lys Thr Gln Ser Gly Gln Val Leu

20 25 30

Arg Thr Ser Ala Asn Val Asn His Val Val Ile Leu Gln Ile Leu
35 40 45

<210> 750
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V206fs"

<400> 750
Glu Ser Gly Tyr Leu Leu Val Gly Glu Lys Ile Ile Asn Cys Leu Ser
1 5 10 15

Ser Gly Lys Trp Ser Ala Val Pro Pro His Val Lys Arg His Ala Val
20 25 30

Asn Leu

<210> 751
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L628fs"

<400> 751
Ser Ile Cys Ala Phe Gln Asn Ser Phe Leu Gly Gly Leu Pro Val Gly
1 5 10 15

Met Thr Ser Asn Gly Val Ala Leu Leu Thr Ser Ile Ile Cys His Pro
20 25 30

His Leu Arg Leu
35

<210> 752

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F630V"

<400> 752
Ile Cys Ala Phe Gln Asn Ser Phe Leu Gly Gly Leu Pro Val Gly Met
1 5 10 15

Thr Ser Asn Gly Val Ala Leu Leu Asn Val Val Tyr Asn Met Pro Ser
20 25 30

Thr Pro Ser Phe Val Gly Cys Leu Gln Asp Ile Lys Ile Asp Trp Asn
35 40 45

His Ile Thr Leu
50

<210> 753
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T1110M"

<400> 753
Gly Trp Glu Gly Pro Arg Cys Glu Ala His Val Asp Pro Cys His Ser
1 5 10 15

Ala Pro Cys Ala Arg Gly Arg Cys His Met Met His Pro Asp Gly Arg
20 25 30

Phe Glu Cys Arg Cys Pro Pro Gly Phe Gly Gly Pro Arg Cys Arg Leu
35 40 45

Pro Val Pro Ser
50

<210> 754

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D1435H"

<400> 754
Phe Gly Met His Val Gln Glu Tyr Gly Ser Asp Cys Pro Pro Pro Asn
1 5 10 15

Thr Arg Arg Val Tyr Ile Ser Tyr Leu His His Ser Ile His Phe Phe
20 25 30

Arg Pro Arg Cys Leu Arg Thr Ala Val Tyr His Glu Ile Leu Ile Gly
35 40 45

Tyr Leu Glu Tyr
50

<210> 755
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1446H"

<400> 755
Cys Pro Pro Pro Asn Thr Arg Arg Val Tyr Ile Ser Tyr Leu Asp Ser
1 5 10 15

Ile His Phe Phe Arg Pro Arg Cys Leu His His Thr Ala Val Tyr His
20 25 30

Glu Ile Leu Ile Gly Tyr Leu Glu Tyr Val Lys Lys Leu Gly Tyr Val
35 40 45

Thr Gly His Ile
50

<210> 756

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P2094L"

<400> 756
Asp Leu Leu Arg Thr Leu Lys Ser Pro Ser Ser Pro Gln Gln Gln Gln
1 5 10 15

Gln Val Leu Asn Ile Leu Lys Ser Asn Leu Leu Gln Leu Met Ala Ala
20 25 30

Phe Ile Lys Gln Arg Thr Ala Lys Tyr Val Ala Asn Gln Pro Gly Met
35 40 45

Gln Pro Gln Pro
50

<210> 757
<211> 167
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M48fs"

<400> 757
Pro Ala Cys Ser Cys Ala His Val Glu Cys Pro Pro Ala His Thr Cys
1 5 10 15

Arg Cys Gly Val Pro Ala Cys Ser His Thr Cys Pro Cys Gly Val Pro
20 25 30

Ala Cys Ser His Val Pro Met Trp Ser Ala Arg Leu Leu Thr His Val
35 40 45

Ser Met Trp Ser Ala His Leu Leu Met Cys Pro Cys Gly Val Pro Thr
50 55 60

Cys Ser His Val Pro Met Trp Ser Ala Thr Cys Ser His Thr Cys Pro

65 70 75 80

Cys Gly Val Pro Ala Cys Ser Arg Ala His Val Glu Cys Pro Pro Ala
85 90 95

His Thr Cys Arg Cys Gly Val Pro Ala Cys Ser His Val Pro Met Arg
100 105 110

Ser Ala Arg Leu Leu Thr Arg Ala His Ala Glu Cys Pro Pro Ala His
115 120 125

Thr Cys Pro Cys Gly Val Pro Ala Cys Ser His Val Pro Thr Trp Ser
130 135 140

Ala Arg Leu Leu Thr Arg Ala His Val Glu Cys Pro Pro Ala His Thr
145 150 155 160

Cys Gln Arg Gly Val Pro Ala
165

<210> 758
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C143R"

<400> 758
Ser His Val Pro Met Arg Ser Ala Arg Leu Leu Thr Arg Ala His Ala
1 5 10 15

Glu Cys Pro Pro Ala His Thr Cys Pro Arg Arg Gly Val Pro Ala Cys
20 25 30

Ser His Val Pro Met Arg Ser Ala Arg Leu Leu Thr Arg Ala Asp Val
35 40 45

Glu Cys Pro Pro
50

<210> 759
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C174R"

<400> 759
Ser His Val Pro Met Arg Ser Ala Arg Leu Leu Thr Arg Ala Asp Val
1 5 10 15

Glu Cys Pro Pro Ala His Thr Cys Pro Arg Arg Gly Val Pro Ala Cys
20 25 30

Ser His Val Pro Thr Trp Ser Ala Arg Leu Ile Thr Arg Ala His Val
35 40 45

Glu Cys Ser Pro
50

<210> 760
<211> 259
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S180fs"

<400> 760
Leu Thr Arg Ala Asp Val Glu Cys Pro Pro Ala His Thr Cys Pro Cys
1 5 10 15

Gly Val Pro Ala Cys Ser His Val Pro Met Trp Ser Ala Arg Leu Leu
20 25 30

Thr Arg Ala Asp Val Glu Cys Leu Pro Ala His Thr Cys Pro Cys Gly
35 40 45

Val Phe Ala Cys Ser His Val Pro Met Arg Ser Ala Arg Leu Leu Thr
50 55 60

Arg Ala Asp Ala Glu Cys Pro Pro Ala His Thr Cys Pro Cys Gly Val
65 70 75 80

Pro Ala Cys Ser Arg Ala Asp Val Glu Cys Pro Pro Ala His Thr Cys

85 90 95

Pro Cys Gly Val Pro Ala Cys Ser Arg Ala Asp Val Gly Cys Pro Pro
100 105 110

Ala His Met Cys Arg Cys Gly Val Pro Ala Cys Ser His Val Pro Met
115 120 125

Trp Ser Ala Arg Leu Leu Thr Arg Ala Asp Val Glu Cys Pro Pro Ala
130 135 140

His Val Pro Ile Trp Ser Ala Arg Leu Leu Thr Arg Ala Ile Val Glu
145 150 155 160

Cys Pro Pro Ala His Thr His Ala Asp Val Glu Cys Pro Pro Ala His
165 170 175

Thr Cys Pro Cys Gly Val Pro Ala Cys Ser His Val Pro Met Trp Ser
180 185 190

Ala Arg Leu Leu Thr His Val Pro Met Trp Ser Ala Arg Leu Leu Thr
195 200 205

Arg Ala His Val Glu Cys Leu Pro Ala His Thr Arg Ala His Val Glu
210 215 220

Cys Pro Pro Ala His Thr Lys Pro Trp His Gly Gly Ser Val Gly Phe
225 230 235 240

Leu Ser Cys Arg Pro Ser Gln Thr Leu Leu Pro Tyr Ile Leu Leu Met
245 250 255

Val Ala Phe

<210> 761
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I190L"

<400> 761
Glu Cys Pro Pro Ala His Thr Cys Pro Cys Gly Val Pro Ala Cys Ser

1 5 10 15

His Val Pro Thr Trp Ser Ala Arg Leu Leu Leu Thr Arg Ala His Val
20 25 30

Glu Cys Ser Pro Ala His Thr Cys Arg Cys Gly Val Pro Ala Cys Ser
35 40 45

His Val Pro Met
50

<210> 762
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R222W"

<400> 762
Pro Lys Ala Val Tyr Leu Val Cys Asn Tyr Ser Pro Lys Gly Asn Trp
1 5 10 15

Trp Gly His Ala Pro Tyr Lys His Gly Trp Trp Pro Cys Ser Ala Cys
20 25 30

Pro Pro Ser Phe Gly Gly Gly Cys Arg Glu Asn Leu Cys Tyr Lys Glu
35 40 45

Gly Ser Asp Arg
50

<210> 763
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A355P"

<400> 763
Arg Thr Ser Arg Ala Val Gln Glu Ala Gly Leu Gly Leu Ser Thr Gly

1 5 10 15

Leu Arg Leu Ala Glu Ser Arg Ala Glu Pro Pro Ala Leu Glu Lys Gln
20 25 30

Ala Leu Leu Gln Ala Gln Leu Glu Glu Gln Leu Arg Asp Lys Val Leu
35 40 45

Arg Glu Lys Asp
50

<210> 764
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q580H"

<400> 764
Asp Pro Leu Phe Ser Lys Ser Gly Gly Gly Gly Asn Phe Val Leu Ser
1 5 10 15

Thr Ser Leu Val Gly Tyr Leu Arg Val His His Gly Val Val Val Pro
20 25 30

Met Val His Asn Gly Tyr Gly Phe Phe Tyr His Ile Arg Asp Asp Arg
35 40 45

Phe Val Val Ala
50

<210> 765
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L32fs"

<400> 765
Thr Glu Glu Arg Thr Phe Gln Tyr Gln Asp Ser Leu Pro Ser Leu Pro

1 5 10 15

Val Pro Ser Leu Glu Glu Ser Leu Lys Asn Thr Leu Asn Gln Ser Pro
20 25 30

Glu His Ala Thr Arg
35

<210> 766
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S363L"

<400> 766
Asn Lys Thr Val Leu Ser Ser Ser Leu Asn Asn His Pro Gln Thr Ser
1 5 10 15

Val Pro Asn Ala Ser Ala Leu His Pro Leu Leu Leu Arg Leu Phe Ser
20 25 30

Leu Ser Asn Pro Ser Leu Ser Thr Thr Asn Leu Ser Gly Pro Ser Arg
35 40 45

Arg Arg Gln Pro
50

<210> 767
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R143G"

<400> 767
His Leu Thr Glu Ile His Ser Leu Asn Val Leu Glu Gly Ser Trp Ile
1 5 10 15

Leu Tyr Glu Met Pro Asn Tyr Arg Gly Gly Gly Gln Tyr Leu Leu Arg

20 25 30

Pro Gly Glu Tyr Arg Arg Phe Leu Asp Trp Gly Ala Pro Asn Ala Lys
35 40 45

Val Gly Ser Leu
50

<210> 768
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G159fs"

<400> 768
Tyr Glu Met Pro Asn Tyr Arg Gly Arg Gln Tyr Leu Leu Arg Pro Gly
1 5 10 15

Asp Tyr Arg Arg Tyr His Asp Trp Gly Val Gln Met Pro Lys Ser Ala
20 25 30

Leu

<210> 769
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.*315K"

<400> 769
Phe Lys Ser Leu Gly Met Ala Val Glu Asp Thr Val Ala Ala Lys Leu
1 5 10 15

Ile Tyr Asp Ser Trp Ser Ser Gly Lys Lys Lys Asn Lys Gly Thr
20 25 30

<210> 770

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R220C"

<400> 770
Asn Val Gln Leu Glu Thr Gly Asp Lys Ile Asn Phe Val Ile Asp Asn
1 5 10 15

Asn Lys His Thr Gly Ala Val Ser Ala Cys Cys Asn Ile Met Leu Leu
20 25 30

Lys Lys Lys Gln Ala Arg Cys Gln Gly Val Val Cys Ala Met Lys Glu
35 40 45

Ala Phe Gly Phe
50

<210> 771
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G298S"

<400> 771
Ser Phe Gly Leu Phe Tyr Lys Pro Ser Pro Asp Ala Gly Glu Glu Glu
1 5 10 15

Cys Ser Pro Val Leu Arg Glu Gly Leu Ser Ser Ser Leu His Thr Arg
20 25 30

His His Cys Gln Ile Pro Val Pro Asp Pro Ala Thr His Gly Gln Tyr
35 40 45

Ile Val Ser Val
50

<210> 772

<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P468fs"

<400> 772
Ser Leu Trp Val Gly Trp Glu Pro Pro Asn Pro Trp Pro Gln Gly Tyr
1 5 10 15

Val Ile Glu Trp Gly Leu Gly Pro Pro Ala Arg Ala Ile Ala Thr Arg
20 25 30

Pro Gly Gly Trp Asn Arg Met Gly Glu Pro Arg Gly Phe Cys
35 40 45

<210> 773
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L362F"

<400> 773
Val Ser Leu Asn Glu Glu Phe Asn Arg Gly Arg Gly Leu Asn Val Gly
1 5 10 15

Ala Arg Ala Trp Asp Lys Gly Glu Val Phe Phe Met Phe Phe Cys Asp
20 25 30

Val Asp Ile Tyr Phe Ser Ala Glu Phe Leu Asn Ser Cys Arg Leu Asn
35 40 45

Ala Glu Pro Gly
50

<210> 774
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R117Q"

<400> 774
Ser Ser Asn Met Glu Glu Thr Gln Gln Lys Ser Asn Leu Glu Leu Leu
1 5 10 15

His Ile Ser Leu Leu Leu Ile Glu Ser Gln Gln Leu Glu Pro Val Arg
20 25 30

Phe Leu Arg Ser Thr Phe Thr Asn Asn Leu Val Tyr Asp Thr Ser Asp
35 40 45

Ser Asp Asp Tyr
50

<210> 775
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P1855Q"

<400> 775
Pro Thr Cys Val Val Pro Cys Gly Gly Asn Leu Thr Glu Arg Arg Gly
1 5 10 15

Thr Ile Leu Ser Pro Gly Phe Pro Glu Gln Gln Tyr Leu Asn Ser Leu
20 25 30

Asn Cys Val Trp Lys Ile Val Val Pro Glu Gly Ala Gly Ile Gln Ile
35 40 45

Gln Val Val Ser
50

<210> 776
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q691K"

<400> 776
Asp Pro Gly Thr Pro Leu Tyr Gly Ile Arg Glu Gly Asp Gly Phe Ser
1 5 10 15

Asn Arg Asp Val Leu Arg Phe Glu Cys Lys Lys Phe Gly Phe Glu Leu
20 25 30

Ile Gly Glu Lys Ser Ile Val Cys Gln Glu Asn Asn Gln Trp Ser Ala
35 40 45

Asn Ile Pro Ile
50

<210> 777
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H952Y"

<400> 777
Ala Glu Pro Gly His Ser Ile Lys Ile Thr Phe Glu Arg Phe Gln Thr
1 5 10 15

Glu Leu Asn Tyr Asp Val Leu Glu Val Tyr Tyr Asp Gly Pro Asn Leu
20 25 30

Leu Ser Pro Leu Leu Gly Ser Tyr Asn Gly Thr Gln Val Pro Gln Phe
35 40 45

Leu Phe Ser Ser
50

<210> 778
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T1094K"

<400> 778
Gly Asp Val Arg Gly Pro Ser Gly Thr Ile Leu Ser Pro Gly Tyr Pro
1 5 10 15

Glu Phe Tyr Pro Asn Ser Leu Asn Cys Lys Lys Trp Thr Val Asp Val
20 25 30

Thr His Gly Lys Gly Val Gln Phe Asn Phe His Thr Phe His Leu Glu
35 40 45

Asp His His Asp
50

<210> 779
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E171K"

<400> 779
Ser Thr Lys Ser Val Phe Ser Leu Arg Leu Thr Ser Asp Phe Ala Val
1 5 10 15

Ser Ala His Gly Phe Lys Val Tyr Tyr Lys Lys Glu Leu Gln Ser Ser
20 25 30

Ser Cys Gly Asn Pro Gly Val Pro Pro Lys Gly Val Leu Tyr Gly Thr
35 40 45

Arg Phe Asp Val
50

<210> 780
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q174H"

<400> 780
Ser Val Phe Ser Leu Arg Leu Thr Ser Asp Phe Ala Val Ser Ala His
1 5 10 15

Gly Phe Lys Val Tyr Tyr Glu Glu Leu His His Ser Ser Ser Cys Gly
20 25 30

Asn Pro Gly Val Pro Pro Lys Gly Val Leu Tyr Gly Thr Arg Phe Asp
35 40 45

Val Gly Asp Lys
50

<210> 781
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F2383fs"

<400> 781
Leu Glu Ser Val Tyr Ser Thr Ser Asn Gln Ile Leu Ile Lys Phe His
1 5 10 15

Ser Asp Phe Thr Thr Ser Gly Phe Phe Cys Ala Gln Leu Ser Arg Leu
20 25 30

Ser Thr Lys Gly Val Pro Thr Ser Thr Thr Cys Ala Gln Cys
35 40 45

<210> 782
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P2727T"

<400> 782
Leu Glu His Gly Arg Trp Arg Ile Val Asn Gly Ser His Tyr Glu Tyr
1   5   10   15

Lys Thr Lys Val Val Phe Ser Cys Asp Thr Thr Gly Tyr His Gly Leu
            20   25   30

Gly Pro Ala Ser Ile Glu Cys Leu Pro Asn Gly Thr Trp Ser Trp Arg
        35   40   45

Asn Glu Arg Pro
    50

<210> 783
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T2810N"

<400> 783
Cys Asp Leu Gly Phe Met Leu Val Gly Ser Ala Val Arg Glu Cys Leu
1   5   10   15

Ser Ser Gly Leu Trp Ser Glu Ser Glu Asn Asn Arg Cys Leu Ala Gly
            20   25   30

His Cys Gly Ile Pro Glu Leu Ile Val Asn Gly Gln Val Ile Gly Glu
        35   40   45

Asn Tyr Gly Tyr
    50

<210> 784
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D119N"

<400> 784
Ala Val Thr Gly Thr Ala Trp Leu Glu Ala Asp Ser Pro Gly Leu Gly
1   5   10   15

Gly Val Thr Ala Glu Ala Gly Ser Gly Asn Asn Ala Gln Ala Leu Pro
            20   25   30

Ala Thr Leu Gln Ala Pro His Glu Val Leu Gly Gln Ser Ile Met Pro
        35   40   45

Pro Ala Ile Pro
    50

<210> 785
<211> 78
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.234_243EKLTEEATEE>E"

<400> 785
Asp Leu Ala Glu Met Ala Arg Glu Pro Ala Glu Glu Ala Ala Asp Glu
1   5   10   15

Lys Pro Pro Glu Glu Ala Ala Glu Glu Glu Pro Ala Ala Glu Glu Pro
            20   25   30

Thr Ser Glu Glu Ala Val Ala Pro Glu Glu Val Thr Lys Ser Gln Pro
        35   40   45

Glu Lys Trp Asp Glu Glu Ala Gln Asp Ala Ala Gly Glu Glu Glu Lys
    50   55   60

Glu Gln Glu Lys Glu Lys Asp Val Glu Asn Lys Val Lys Asn
65   70   75

<210> 786
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A364V"

<400> 786
Ile Ile Gln Leu Ser Glu Val Asp Lys Thr Lys Glu Glu Leu Thr Glu
1 5 10 15

His Ile Lys Asn Leu Gln Thr Gln Gln Val Val Ser Leu Gln Ser Glu
20 25 30

Asn Ile Tyr Phe Glu Ser Glu Asn Gln Lys Leu Gln Gln Lys Leu Lys
35 40 45

Ile Met Thr Glu
50

<210> 787
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K202fs"

<400> 787
Glu Gln Gly Glu Leu Pro Pro Gln Glu Asp Pro Ser Trp Gln Lys Asp
1 5 10 15

Pro Asp Tyr Gln Pro Pro Ala Lys Lys Lys Gln Arg Lys Pro Lys Arg
20 25 30

Ala Asn Cys Val Ile Gln Arg Arg Ala Lys Met
35 40

<210> 788
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K202fs"

<400> 788
Glu Gln Gly Glu Leu Pro Pro Gln Glu Asp Pro Ser Trp Gln Lys Asp
1   5   10   15

Pro Asp Tyr Gln Pro Pro Ala Lys Lys Gln Arg Lys Pro Lys Arg Ala
            20   25   30

Asn Cys Val Ile Gln Arg Arg Ala Lys Met
        35   40

<210> 789
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E423K"

<400> 789
Tyr Glu Cys His Ile Cys His Thr Arg Phe Thr Gln Ser Gly Thr Met
1   5   10   15

Lys Ile His Ile Leu Gln Lys His Gly Lys Lys Asn Val Pro Lys Tyr
            20   25   30

Gln Cys Pro His Cys Ala Thr Ile Ile Ala Arg Lys Ser Asp Leu Arg
        35   40   45

Val His Met Arg
    50

<210> 790
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.E126K"

<400> 790
Lys His Pro Val Arg Phe Phe Val His Lys Arg Pro His Val Asp Phe
1   5   10   15

Phe Leu Glu Val Val Ser Gln Trp Tyr Lys Lys Leu Val Val Phe Thr
            20   25   30

Ala Ser Met Glu Ile Tyr Gly Ser Ala Val Ala Asp Lys Leu Asp Asn
        35   40   45

Ser Arg Ser Ile
    50

<210> 791
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.K856fs"

<400> 791
Ile Ile Arg Ile Gln Ser Pro Ala Gly Pro Arg His Pro Val Val Met
1   5   10   15

Trp Arg Met Lys Ala Pro Ala Lys Lys Asn Pro
            20   25

<210> 792
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K335I"

<400> 792
Glu Ser Lys Leu Ile Ile Leu Ala Ser Gly Gly Pro Gln Ala Leu Val
1   5   10   15

Asn Ile Met Arg Thr Tyr Thr Tyr Glu Ile Ile Leu Leu Trp Thr Thr

20 25 30

Ser Arg Val Leu Lys Val Leu Ser Val Cys Ser Ser Asn Lys Pro Ala
35 40 45

Ile Val Glu Ala
50

<210> 793
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G34R"

<400> 793
Glu Leu Asp Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val Ser His
1 5 10 15

Trp Gln Gln Gln Ser Tyr Leu Asp Ser Arg Arg Ile His Ser Gly Ala
20 25 30

Thr Thr Thr Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu Glu Glu
35 40 45

Asp Val Asp Thr
50

<210> 794
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G34V"

<400> 794
Glu Leu Asp Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val Ser His
1 5 10 15

Trp Gln Gln Gln Ser Tyr Leu Asp Ser Val Val Ile His Ser Gly Ala

20 25 30

Thr Thr Thr Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu Glu Glu
35 40 45

Asp Val Asp Thr
50

<210> 795
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H36P"

<400> 795
Asp Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val Ser His Trp Gln
1 5 10 15

Gln Gln Ser Tyr Leu Asp Ser Gly Ile Pro Pro Ser Gly Ala Thr Thr
20 25 30

Thr Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu Glu Glu Asp Val
35 40 45

Asp Thr Ser Gln
50

<210> 796
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S37A"

<400> 796
Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val Ser His Trp Gln Gln
1 5 10 15

Gln Ser Tyr Leu Asp Ser Gly Ile His Ala Ala Gly Ala Thr Thr Thr

```
            20                  25                  30

Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu Glu Glu Asp Val Asp
        35                  40                  45

Thr Ser Gln Val
    50
```

<210> 797
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S37C"

<400> 797

```
Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val Ser His Trp Gln Gln
1               5                   10                  15

Gln Ser Tyr Leu Asp Ser Gly Ile His Cys Cys Gly Ala Thr Thr Thr
            20                  25                  30

Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu Glu Glu Asp Val Asp
        35                  40                  45

Thr Ser Gln Val
    50
```

<210> 798
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S37F"

<400> 798

```
Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val Ser His Trp Gln Gln
1               5                   10                  15

Gln Ser Tyr Leu Asp Ser Gly Ile His Phe Phe Gly Ala Thr Thr Thr
```

20 25 30

Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu Glu Glu Asp Val Asp
35 40 45

Thr Ser Gln Val
50

<210> 799
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N387K"

<400> 799
Gly Met Gln Ala Leu Gly Leu His Leu Thr Asp Pro Ser Gln Arg Leu
1 5 10 15

Val Gln Asn Cys Leu Trp Thr Leu Arg Lys Lys Leu Ser Asp Ala Ala
20 25 30

Thr Lys Gln Glu Gly Met Glu Gly Leu Leu Gly Thr Leu Val Gln Leu
35 40 45

Leu Gly Ser Asp
50

<210> 800
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T41A"

<400> 800
Pro Asp Arg Lys Ala Ala Val Ser His Trp Gln Gln Gln Ser Tyr Leu
1 5 10 15

Asp Ser Gly Ile His Ser Gly Ala Thr Ala Ala Thr Ala Pro Ser Leu

20 25 30

Ser Gly Lys Gly Asn Pro Glu Glu Glu Asp Val Asp Thr Ser Gln Val
35 40 45

Leu Tyr Glu Trp
50

<210> 801
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T41I"

<400> 801
Pro Asp Arg Lys Ala Ala Val Ser His Trp Gln Gln Gln Ser Tyr Leu
1 5 10 15

Asp Ser Gly Ile His Ser Gly Ala Thr Ile Ile Thr Ala Pro Ser Leu
20 25 30

Ser Gly Lys Gly Asn Pro Glu Glu Glu Asp Val Asp Thr Ser Gln Val
35 40 45

Leu Tyr Glu Trp
50

<210> 802
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S45P"

<400> 802
Ala Ala Val Ser His Trp Gln Gln Gln Ser Tyr Leu Asp Ser Gly Ile
1 5 10 15

His Ser Gly Ala Thr Thr Thr Ala Pro Pro Pro Leu Ser Gly Lys Gly

```
            20                  25                  30

Asn Pro Glu Glu Glu Asp Val Asp Thr Ser Gln Val Leu Tyr Glu Trp
        35                  40                  45

Glu Gln Gly Phe
    50
```

<210> 803
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D32N"

<400> 803

```
Leu Met Glu Leu Asp Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val
1               5                   10                  15

Ser His Trp Gln Gln Gln Ser Tyr Leu Asn Asn Ser Gly Ile His Ser
            20                  25                  30

Gly Ala Thr Thr Thr Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu
        35                  40                  45

Glu Glu Asp Val
    50
```

<210> 804
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D32Y"

<400> 804

```
Leu Met Glu Leu Asp Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val
1               5                   10                  15

Ser His Trp Gln Gln Gln Ser Tyr Leu Tyr Tyr Ser Gly Ile His Ser
```

20 25 30

Gly Ala Thr Thr Thr Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu
35 40 45

Glu Glu Asp Val
50

<210> 805
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D32G"

<400> 805
Leu Met Glu Leu Asp Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val
1 5 10 15

Ser His Trp Gln Gln Gln Ser Tyr Leu Gly Gly Ser Gly Ile His Ser
20 25 30

Gly Ala Thr Thr Thr Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu
35 40 45

Glu Glu Asp Val
50

<210> 806
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D32V"

<400> 806
Leu Met Glu Leu Asp Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val
1 5 10 15

Ser His Trp Gln Gln Gln Ser Tyr Leu Val Val Ser Gly Ile His Ser

20 25 30

Gly Ala Thr Thr Thr Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu
35 40 45

Glu Glu Asp Val
50

<210> 807
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S33P"

<400> 807
Met Glu Leu Asp Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val Ser
1 5 10 15

His Trp Gln Gln Gln Ser Tyr Leu Asp Pro Pro Gly Ile His Ser Gly
20 25 30

Ala Thr Thr Thr Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu Glu
35 40 45

Glu Asp Val Asp
50

<210> 808
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S33Y"

<400> 808
Met Glu Leu Asp Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val Ser
1 5 10 15

His Trp Gln Gln Gln Ser Tyr Leu Asp Tyr Tyr Gly Ile His Ser Gly

```
            20                  25                  30

Ala Thr Thr Thr Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu Glu
        35                  40                  45

Glu Asp Val Asp
    50
```

<210> 809
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S33C"

<400> 809

```
Met Glu Leu Asp Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val Ser
1               5                   10                  15

His Trp Gln Gln Gln Ser Tyr Leu Asp Cys Cys Gly Ile His Ser Gly
            20                  25                  30

Ala Thr Thr Thr Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu Glu
        35                  40                  45

Glu Asp Val Asp
    50
```

<210> 810
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S33F"

<400> 810

```
Met Glu Leu Asp Met Ala Met Glu Pro Asp Arg Lys Ala Ala Val Ser
1               5                   10                  15

His Trp Gln Gln Gln Ser Tyr Leu Asp Phe Phe Gly Ile His Ser Gly
```

20 25 30

Ala Thr Thr Thr Ala Pro Ser Leu Ser Gly Lys Gly Asn Pro Glu Glu
35 40 45

Glu Asp Val Asp
50

<210> 811
<211> 73
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I447fs"

<400> 811
Val His Leu Gly Ala Cys Gly Ala Leu Lys Asn Ile Ser Phe Gly Arg
1 5 10 15

Asp Gln Asp Asn Lys Ile Ala Ile Lys Thr Val Met Val Cys Leu Pro
20 25 30

Leu Cys Asp Cys Phe Glu Arg Leu Val Ile Trp Thr Leu Leu Lys Leu
35 40 45

Leu Pro Glu Pro Cys Gly Ile Phe His Pro Met Thr Gln Ser Lys Trp
50 55 60

Arg Leu Trp Thr Met His Cys Met Pro
65 70

<210> 812
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F105fs"

<400> 812
Asn Ser Gly His Phe Thr Ile Ile Tyr Asn Gln Gly Phe Glu Ile Val

1 5 10 15

Leu Asn Asp Tyr Lys Trp Phe Ala Phe Leu Ser Ile Lys Lys Arg Ala
20 25 30

Ala Arg

<210> 813
<211> 74
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P89fs"

<400> 813
Gly Pro Ile Pro Glu Val Leu Lys Asn Tyr Met Asp Ala Gln Tyr Tyr
1 5 10 15

Gly Glu Ile Gly Ile Gly Thr Pro Pro Pro Val Leu His Ser Arg Leu
20 25 30

Arg His Gly Leu Leu Gln Pro Val Gly Pro Leu His Pro Leu Gln Thr
35 40 45

Ala Gly His Arg Leu Leu Asp Pro Pro Gln Val Gln Gln Arg Gln Val
50 55 60

Gln His Leu Arg Glu Glu Trp Tyr Leu Val
65 70

<210> 814
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S420L"

<400> 814
Thr Ser Ser Thr Pro Pro Leu Pro Ser Asn Ala Ala Pro Pro Thr Ala

1 5 10 15

Gln Thr Pro Gly Ile Ala Pro Gln Asn Leu Leu Gln Ala Pro Pro Met
20 25 30

His Ser Leu His Ser Pro Cys Ala Asn Thr Ser Leu His Pro Gly Leu
35 40 45

Asn Pro Arg Ile
50

<210> 815
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R164C"

<400> 815
Leu Glu Met Glu Lys Leu Gln Leu Gln Ala Leu Glu Gln Glu His Lys
1 5 10 15

Lys Leu Ala Ala Arg Leu Glu Glu Glu Cys Cys Gly Lys Asn Lys Gln
20 25 30

Val Val Leu Met Leu Val Lys Glu Cys Lys Gln Leu Ser Gly Lys Val
35 40 45

Ile Glu Glu Ala
50

<210> 816
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G596C"

<400> 816
Glu His Leu Arg Asn Gly Arg Gly Phe Thr Val Arg Trp Glu Thr Gln

1 5 10 15

Gln Pro Glu Cys Gly Gly Ile Leu Thr Cys Cys Pro Tyr Gly Ser Ile
20 25 30

Lys Ser Pro Gly Tyr Pro Gly Asn Tyr Pro Pro Gly Arg Asp Cys Val
35 40 45

Trp Ile Val Val
50

<210> 817
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I2816M"

<400> 817
Gly Gly Gly Phe Tyr Ala Thr Trp Asn Thr Gln Thr Leu Gly Cys Gly
1 5 10 15

Gly Ile Phe His Ser Asp Asn Gly Thr Met Met Arg Ser Pro His Trp
20 25 30

Pro Gln Asn Phe Pro Glu Asn Ser Arg Cys Ser Trp Thr Ala Ile Thr
35 40 45

His Lys Ser Lys
50

<210> 818
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E485K"

<400> 818
Asp Val Phe Gln Lys Phe Tyr Ala Lys Met Leu Ala Lys Arg Leu Val

1 5 10 15

His Gln Asn Ser Ala Ser Asp Asp Ala Lys Lys Ala Ser Met Ile Ser
20 25 30

Lys Leu Lys Gln Ala Cys Gly Phe Glu Tyr Thr Ser Lys Leu Gln Arg
35 40 45

Met Phe Gln Asp
50

<210> 819
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L371F"

<400> 819
Gln Ala Gln Pro Ser Phe Arg Arg Ser Arg Arg Phe Arg Pro Arg Ser
1 5 10 15

Glu Phe Ala Ser Gly Asn Thr Tyr Ala Phe Phe Tyr Val Arg Asp Thr
20 25 30

Leu Gln Pro Gly Met Arg Val Arg Met Leu Asp Asp Tyr Glu Glu Ile
35 40 45

Ser Ala Gly Asp
50

<210> 820
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D1726E"

<400> 820
Ser Pro Arg Cys Trp Pro Val Ser Pro Leu Cys Tyr Leu Tyr His Pro

1 5 10 15

Arg Lys Cys Leu Pro Thr Glu Phe Cys Glu Glu Ala Leu Asp Arg Phe
20 25 30

Ser Ser Phe Tyr Ser Gln Ser Gln Asn His Pro Val Leu Asp Met Gly
35 40 45

Pro His Arg Arg
50

<210> 821
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A439fs"

<400> 821
Leu Ser Gly Ser Ala Arg Arg Lys Gly Lys Asp Gln Pro Glu Ser Arg
1 5 10 15

Arg Pro Gly Ser Leu Pro Ala Pro Pro Ser Phe Ser Val Ala Pro Gln
20 25 30

Pro Gly Gly Ala Gly Phe Gln Tyr
35 40

<210> 822
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K364E"

<400> 822
Glu Glu Leu Glu Arg Lys Arg Gln Glu Met Met Glu Asn Ala Lys Trp
1 5 10 15

Arg Glu Glu Glu Arg Leu Asn Ile Leu Glu Glu Arg His Ala Lys Asp

20 25 30

Glu Glu Arg Glu Gln Arg Leu Glu Lys Leu Asp Ser Arg Asp Gly Lys
35 40 45

Phe Ile His Arg
50

<210> 823
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K122N"

<400> 823
Lys Lys Gln Lys Asn Gly Lys Lys His Gln Lys Lys Lys Val Leu Lys
1 5 10 15

Val Arg Lys Ser Gln Arg Ser Arg Gln Asn Asn Lys Thr Thr
20 25 30

<210> 824
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E345Q"

<400> 824
Val Ser Arg Gly Ser Ser Leu Lys Ile Leu Ser Lys Gly Lys Arg Gly
1 5 10 15

Gly His Ser Ser Val Ser Thr Glu Ser Gln Gln Ser Ser Ser Phe His
20 25 30

Ser Ser

<210> 825

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q156H"

<400> 825
Met Leu Ala Arg Gly Ser Ala Ser Pro His Lys Ser Ser Pro Gln Pro
1 5 10 15

Leu Val Ala Thr Pro Ser Gln His His His His Gln Gln Gln Gln Gln
20 25 30

Ile Lys Arg Ser Ala Arg Met Cys Gly Glu Cys Glu Ala Cys Arg Arg
35 40 45

Thr Glu Asp Cys
50

<210> 826
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V43I"

<400> 826
Gln Thr Pro Ser Thr Ser Ser Thr Lys Gly Arg Lys Lys Gly Lys Thr
1 5 10 15

Pro Arg Gln Arg Arg Ser Arg Ser Gly Ile Ile Lys Gly Leu Lys Thr
20 25 30

Thr Arg Lys Ala Lys Arg Pro Leu Arg Gly Ser Ser Ser Gln Lys Ala
35 40 45

Gly Glu Thr Asn
50

<210> 827

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R198M"

<400> 827
Leu Leu His Leu Ser Gly Lys Met Pro Pro Gly Ile Asn Ser Ser Gln
1 5 10 15

Ser Leu Pro Val Asp Asn His Glu Lys Met Met Val Ile Gln Leu His
20 25 30

Leu Gln His Ser Ser Leu Leu Asp Phe Leu Asn Ala Gln Gly Gly Cys
35 40 45

Ile Ser His Val
50

<210> 828
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R498G"

<400> 828
Leu Val Arg Val Phe Leu Tyr Ser Leu Gly Arg Asn Pro Ala Leu Phe
1 5 10 15

Pro Arg Pro Glu Arg Tyr Asn Pro Gln Gly Gly Trp Leu Asp Ile Arg
20 25 30

Gly Ser Gly Arg Asn Phe Tyr His Val Pro Phe Gly Phe Gly Met Arg
35 40 45

Gln Cys Leu Gly
50

<210> 829

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F406L"

<400> 829
Asp Val Ile Asp Gly Tyr Pro Val Lys Lys Gly Thr Asn Ile Ile Leu
1 5 10 15

Asn Ile Gly Arg Met His Arg Leu Glu Leu Leu Phe Pro Lys Pro Asn
20 25 30

Glu Phe Thr Leu Glu Asn Phe Ala Lys Asn Val Pro Tyr Arg Tyr Phe
35 40 45

Gln Pro Phe Gly
50

<210> 830
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S113I"

<400> 830
Trp Ile Ser Gly Glu Glu Thr Leu Ile Ile Ser Lys Ser Ser Ser Met
1 5 10 15

Phe His Ile Met Lys His Asn His Tyr Ile Ile Ser Arg Phe Gly Ser
20 25 30

Lys Leu Gly Leu Gln Cys Ile Gly Met His Glu Lys Gly Ile Ile Phe
35 40 45

Asn Asn Asn Pro
50

<210> 831

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V483M"

<400> 831
Cys Ile Gly Glu Val Leu Ala Lys Trp Glu Ile Phe Leu Phe Leu Ala
1 5 10 15

Ile Leu Leu Gln Gln Leu Glu Phe Ser Met Met Pro Pro Gly Val Lys
20 25 30

Val Asp Leu Thr Pro Ile Tyr Gly Leu Thr Met Lys His Ala Arg Cys
35 40 45

Glu His Val Gln
50

<210> 832
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P112Q"

<400> 832
Leu Tyr Lys Ala Lys Tyr Gly Pro Met Trp Met Ser Tyr Leu Gly Pro
1 5 10 15

Gln Met His Val Asn Leu Ala Ser Ala Gln Gln Leu Leu Glu Gln Val
20 25 30

Met Arg Gln Glu Gly Lys Tyr Pro Val Arg Asn Asp Met Glu Leu Trp
35 40 45

Lys Glu His Arg
50

<210> 833

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A444E"

<400> 833
Ala Leu Lys Lys Thr Glu Ala Phe Ile Pro Phe Ser Leu Gly Lys Arg
1 5 10 15

Ile Cys Leu Gly Glu Gly Ile Ala Arg Glu Glu Glu Leu Phe Leu Phe
20 25 30

Phe Thr Thr Ile Leu Gln Asn Phe Ser Met Ala Ser Pro Val Ala Pro
35 40 45

Glu Asp Ile Asp
50

<210> 834
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H352R"

<400> 834
Val Gln Arg Arg Val Gln Gln Glu Ile Asp Asp Val Ile Gly Gln Val
1 5 10 15

Arg Arg Pro Glu Met Gly Asp Gln Ala Arg Arg Met Pro Tyr Thr Thr
20 25 30

Ala Val Ile His Glu Val Gln Arg Phe Gly Asp Ile Val Pro Leu Gly
35 40 45

Val Thr His Met
50

<210> 835

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V185F"

<400> 835
Gly Leu Met Ala Asp Ser Val Arg Val Met Leu Asp Lys Trp Glu Glu
1 5 10 15

Leu Leu Gly Gln Asp Ser Pro Leu Glu Phe Phe Phe Gln His Val Ser
20 25 30

Leu Met Thr Leu Asp Thr Ile Met Lys Cys Ala Phe Ser His Gln Gly
35 40 45

Ser Ile Gln Val
50

<210> 836
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E434D"

<400> 836
His Ile Tyr Ala Leu His Arg Asn Ser Ala Val Trp Pro Asp Pro Glu
1 5 10 15

Val Phe Asp Ser Leu Arg Phe Ser Thr Asp Asp Asn Ala Ser Lys Arg
20 25 30

His Pro Phe Ala Phe Met Pro Phe Ser Ala Gly Pro Arg Asn Cys Ile
35 40 45

Gly Gln Gln Phe
50

<210> 837

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K332T"

<400> 837
Tyr Leu Leu Arg His Pro Glu Ala Met Ala Ala Val Arg Asp Glu Ile
1 5 10 15

Asp Arg Leu Leu Gln Ser Thr Gly Gln Thr Thr Lys Gly Ser Gly Phe
20 25 30

Pro Ile His Leu Thr Arg Glu Gln Leu Asp Ser Leu Ile Cys Leu Glu
35 40 45

Ser Ser Ile Phe
50

<210> 838
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E161K"

<400> 838
Ile Leu Gly Gln Asp Tyr Cys Phe Glu Val Thr Thr Ser Ser Gly Ser
1 5 10 15

Lys Cys Phe Ser Cys Arg Ser Ala Ala Lys Lys Arg Asp Lys Trp Met
20 25 30

Glu Asn Leu Arg Arg Ala Val His Pro Asn Lys Asp Asn Ser Arg Arg
35 40 45

Val Glu His Ile
50

<210> 839

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R539C"

<400> 839
Thr Met Gln Lys Arg Leu Lys Lys Glu Lys Lys Thr Lys Arg Lys Leu
1 5 10 15

Gln Glu Ala Leu Glu Phe Glu Ser Lys Cys Cys Arg Glu Gln Val Glu
20 25 30

Gln Ala Leu Lys Gln Ala Thr Thr Ser Asp Ser Gly Leu Arg Met Leu
35 40 45

Lys Asp Thr Gly
50

<210> 840
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R539L"

<400> 840
Thr Met Gln Lys Arg Leu Lys Lys Glu Lys Lys Thr Lys Arg Lys Leu
1 5 10 15

Gln Glu Ala Leu Glu Phe Glu Ser Lys Leu Leu Arg Glu Gln Val Glu
20 25 30

Gln Ala Leu Lys Gln Ala Thr Thr Ser Asp Ser Gly Leu Arg Met Leu
35 40 45

Lys Asp Thr Gly
50

<210> 841

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V216I"

<400> 841
Ala Ile Lys Val Thr Glu Thr Arg Thr Gly Pro Leu Gly Cys Asn Ser
1 5 10 15

Tyr Asp Asn Leu Asp Ser Val Ser Ser Ile Ile Leu Leu Gln Ser Thr
20 25 30

Glu Ser Lys Leu His Leu Gln Gly Leu Gln Ile Ile Phe Pro Gln Tyr
35 40 45

Leu Gln Glu Lys
50

<210> 842
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S254Y"

<400> 842
Pro Phe Leu Lys Ile Glu Asp Glu Ser Arg Lys Phe Arg Pro Phe His
1 5 10 15

His Gln Phe Lys Ser Phe Pro Glu Ile Tyr Tyr Phe Leu Gly Pro Lys
20 25 30

Asp Ala Ser Pro Phe Glu Ala Pro Thr Thr Leu Gly Ser Met His His
35 40 45

Thr Arg Glu Ser
50

<210> 843

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R246H"

<400> 843
Arg Met Asp Pro Asp Met Phe Asn Gly Ser Ile Ala Trp His Ser Glu
1 5 10 15

Val Gly Leu Pro Val Tyr Ala His Ile His His Pro Arg Asp Val Glu
20 25 30

Ala Ile Pro Arg Ala Ser Thr Asn Pro Ser Asn Arg Lys Val Arg Ala
35 40 45

Leu Ala Phe Ser
50

<210> 844
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R446H"

<400> 844
Ala Ile Pro Ser Ser Ser Val Leu Pro Ser Ala Pro Arg Asp Val Val
1 5 10 15

Pro Val Leu Val Ser Ser Arg Phe Val His His Leu Ser Trp Arg Pro
20 25 30

Pro Ala Glu Ala Lys Gly Asn Ile Gln Thr Phe Thr Val Phe Phe Ser
35 40 45

Arg Glu Gly Asp
50

<210> 845

<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R235fs"

<400> 845
Leu Asp Arg Glu Asn Arg Ser His Tyr Met Leu Gln Leu Glu Ala Tyr
1 5 10 15

Asp Gly Gly Ser Pro Pro Arg Arg Ala Arg Pro Cys Trp Thr
20 25 30

<210> 846
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F2149L"

<400> 846
Thr Arg Glu Asn Thr Tyr Val Glu Tyr Ser Ile Ile Ser Gly Asn Ser
1 5 10 15

Gln Asn Asn Phe His Val Glu Thr Lys Leu Leu Phe His Ser Glu Tyr
20 25 30

Pro Tyr Lys Gln Val Gly Tyr Leu Val Leu Leu His Ser Leu Asp Arg
35 40 45

Glu Ala Ser Ala
50

<210> 847
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S549Y"

<400> 847
His Gly Leu Ser Ile Val His Arg Asp Ile Lys Pro Glu Asn Leu Leu
1   5   10   15

Val Cys Glu Tyr Pro Asp Gly Thr Lys Tyr Tyr Leu Lys Leu Gly Asp
            20   25   30

Phe Gly Leu Ala Thr Val Val Glu Gly Pro Leu Tyr Thr Val Cys Gly
        35   40   45

Thr Pro Thr Tyr
    50

<210> 848
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F28I"

<400> 848
Gly Val Leu Ile Pro His Thr Pro Ile Ala Val Asp Phe Trp Ser Leu
1   5   10   15

Arg Arg Ala Gly Thr Ala Arg Leu Phe Ile Ile Leu Ser His Met His
            20   25   30

Ser Asp His Thr Val Gly Leu Ser Ser Thr Trp Ala Arg Pro Leu Tyr
        35   40   45

Cys Ser Pro Ile
    50

<210> 849
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R532Q"

<400> 849
Leu Val Val Met Gly Thr Leu Val Ala Leu Val Gly Leu Phe Val Leu
1   5   10   15

Leu Ala Phe Leu Gln Tyr Arg Arg Leu Gln Gln Lys Gly Tyr Thr Pro
            20   25   30

Leu Met Glu Thr His Leu Ser Ser Lys Arg Tyr Thr Glu Glu Ala
        35   40   45

<210> 850
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L275P"

<400> 850
Glu Lys Asp Gln Arg Ser Leu Asp Ile Asn Thr Ala Lys Cys Met Leu
1   5   10   15

Gly Leu Leu Leu Gly Lys Ile Trp Pro Pro Pro Phe Pro Val Phe His
            20   25   30

Gln Phe Leu Glu Gln Ser Lys Tyr Lys Val Ile Asn Lys Asp Gln Trp
        35   40   45

Cys Asn Val Leu
    50

<210> 851
<211> 122
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.I433fs"

<400> 851
Leu Val Cys Phe Arg Leu Lys Gly Ser Asn Lys Val Asn Glu Ala Leu
1 5 10 15

Leu Gln Arg Ile Asn Ser Ala Lys Lys Ser Thr Trp Phe His Val Thr
20 25 30

Ser Gly Thr Ser Leu Ser Cys Ala Leu Pro Ser Val Leu Ala Arg Trp
35 40 45

Asn Leu Pro Met Cys Ser Gly Pro Gly Asn Thr Ser Lys Ser Trp Arg
50 55 60

Pro Thr Cys Cys Glu Gln Arg Gly Ser Arg Ser Glu Ala Ser Cys Arg
65 70 75 80

Asn Gln Lys Leu Lys Arg Asp Ile Ser Glu Asn Trp Asn Lys Lys Gln
85 90 95

Ile Asn Ile Ile Leu Pro Ser Trp Asn Ser Ala Val Cys Gly Phe Pro
100 105 110

Cys Leu Ser Pro Lys Leu Ser Arg Gly Leu
115 120

<210> 852
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R275Q"

<400> 852
Val Asn Gly His Pro Leu Lys Ala Phe Val Asp Ser Gly Ala Gln Met
1 5 10 15

Thr Ile Met Ser Gln Ala Cys Ala Glu Gln Gln Cys Asn Ile Met Arg
20 25 30

Leu Val Asp Arg Arg Trp Ala Gly Val Ala Lys Gly Val Gly Thr Gln
35 40 45

Arg Ile Ile Gly

50

<210> 853
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A376T"

<400> 853
Pro Tyr Tyr Gly Ser Arg Leu Ala Ile Pro Ala Ala Gln Leu Val Val
1 5 10 15

Leu Pro Tyr Gln Met Leu Leu His Ala Thr Thr Thr Arg Gln Ala Ala
20 25 30

Gly Ile Arg Leu Gln Asp Gln Val Val Ile Ile Asp Glu Ala His Asn
35 40 45

Leu Ile Asp Thr
50

<210> 854
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K208fs"

<400> 854
Ala Glu Arg Leu Glu Gln Leu Glu Ser Gly Glu Glu Glu Leu Val Leu
1 5 10 15

Ala Glu Tyr Glu Ser Asp Glu Glu Lys Arg Trp Arg Ala Glu Trp Met
20 25 30

Arg Met Arg Met Thr Trp Arg Lys Asn Thr
35 40

<210> 855

<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.*128Q"

<400> 855
Cys Leu Phe Leu Ser Leu Glu Pro Pro Pro Pro Arg Asp His Ile Ser
1 5 10 15

His Cys Leu Leu Ser Ala Gln Phe His Gln Gln Lys
20 25

<210> 856
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G163fs"

<400> 856
His Pro Glu Val Ala Arg Leu Thr Pro Tyr Glu Val Asp Glu Leu Arg
1 5 10 15

Arg Lys Lys Glu Ile Thr Val Arg Gly Glu Met Phe Val Leu Asn Pro
20 25 30

Cys Leu Pro Ser Ile Met Leu Thr Ser His Asn Met
35 40

<210> 857
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.F149fs"

<400> 857
Leu Ala Phe Gln Ile Ser Lys Glu Tyr Glu Arg Phe Ser Lys Tyr Met
1   5   10   15

Pro Asn Val Lys Val Ala Val Phe Phe Trp Trp Ser Val Tyr Gln Glu
            20   25   30

Gly

<210> 858
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R329L"

<400> 858
Phe Asn Gln Gly Phe Tyr Asp Cys Val Ile Ala Thr Asp Ala Glu Val
1   5   10   15

Leu Gly Ala Pro Val Lys Gly Lys Arg Leu Leu Gly Arg Gly Pro Lys
            20   25   30

Gly Asp Lys Ala Ser Asp Pro Glu Ala Gly Val Ala Arg Gly Ile Asp
        35   40   45

Phe His His Val
    50

<210> 859
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.W90C"

<400> 859
Asp Cys Tyr Cys Arg Ile Pro Ala Cys Ile Ala Gly Glu Arg Arg Tyr

1 5 10 15

Gly Thr Cys Ile Tyr Gln Gly Arg Leu Cys Cys Ala Phe Cys Cys
20 25 30

<210> 860
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R499L"

<400> 860
Gly Arg Lys Lys Arg Lys Ile Pro Lys Leu Val Leu Arg Ile Asn Ala
1 5 10 15

Ile Tyr Glu Val Arg Arg Gly Lys Lys Leu Leu Val Lys Arg Leu Ser
20 25 30

Gln Ser Met Glu Ser Asn Ser Gly Lys Val Thr Asp Glu Asn Ser Glu
35 40 45

Ser Asp Ser Asp
50

<210> 861
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R688Q"

<400> 861
Glu Val Tyr Cys Ile Val Ser Arg Leu Gly Cys Phe Ser Leu Phe Ser
1 5 10 15

Arg Ile Leu Asp Glu Val Glu Lys Arg Gln Gln Gly Ile Ser Pro Ala
20 25 30

Leu Val Gln Pro Leu Met Arg Ser Val Met Glu Ala Pro Phe Pro Ala

35 40 45

Leu Gly Lys Thr
50

<210> 862
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P357H"

<400> 862
Leu Tyr Arg Tyr Ser Ile Ser Gly Pro His Val Leu Pro Ile Glu Lys
1 5 10 15

His Ile Ser His Phe Met His Lys Val His His Phe Pro Ser Pro Gln
20 25 30

Arg Pro Arg Ile Leu Val Gln Leu Ser Pro His Asp Asn Leu Ile Leu
35 40 45

Ser Gln Pro Val
50

<210> 863
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1081Q"

<400> 863
Glu Ser Glu Lys Ser Ser Pro Ala Val Ser Arg Ser Lys Thr Phe Thr
1 5 10 15

Gly Arg Phe Lys Gln Gln Thr Pro Ser Gln Gln Thr His Lys Glu Arg
20 25 30

Ser Thr Ser Leu Ser Ala Leu Val Arg Ser Ser Pro His Gly Ser Leu

35 40 45

Gly Ser Val Val
50

<210> 864
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G1023E"

<400> 864
Gly Glu Leu Gly Asp Thr Gly Val Met Gln Ile Pro Lys Asn Leu Leu
1 5 10 15

Glu Met Thr Phe Glu Cys Gln Asn Leu Glu Glu Lys Leu Thr Thr Val
20 25 30

Gln Ile Gly His Asp Asn Ser Gly Leu Leu Ala Lys Trp Leu Val Asp
35 40 45

Cys Val Met Val
50

<210> 865
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E518K"

<400> 865
Ser Val Gln Asp Ala Pro Thr Lys Lys Glu Phe Val Ile Asn Pro Asn
1 5 10 15

Gly Lys Ser Glu Val Cys Ile Leu His Lys Lys Tyr Met Gln Arg Val
20 25 30

Leu Lys Val Arg Pro Val Tyr Asn Phe Phe Glu Cys Glu Asn Pro Ser

35 40 45

Glu Pro Phe Gly
50

<210> 866
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S13L"

<400> 866
Met Thr Asn Gln Glu Lys Trp Ala His Leu Ser Pro Leu Leu Glu Phe
1 5 10 15

Ser Gln Leu Gln Lys Tyr Ala Glu Tyr Ser Thr Lys Lys Leu Lys Asp
20 25 30

Val Leu Glu Glu Phe His Gly
35

<210> 867
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F49L"

<400> 867
Leu Pro Pro Glu Ser Thr Gln Val Arg Gly Tyr Asp Phe Asn Arg Gly
1 5 10 15

Val Asn Tyr Arg Ala Leu Leu Glu Ala Leu Leu Gly Thr Thr Gly Phe
20 25 30

Gln Ala Thr Asn Phe Gly Arg Ala Val Gln Gln Val Asn Ala Met Ile
35 40 45

Glu Lys Lys Leu

50

<210> 868
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I218T"

<400> 868
Leu Gly Leu Asn Lys Thr Leu Ala Ile Glu Leu Ala Pro Arg Asn Ile
1 5 10 15

Arg Val Asn Cys Leu Ala Pro Gly Leu Thr Thr Lys Thr Ser Phe Ser
20 25 30

Arg Met Leu Trp Met Asp Lys Glu Lys Glu Glu Ser Met Lys Glu Thr
35 40 45

Leu Arg Ile Arg
50

<210> 869
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R410Q"

<400> 869
Asp Ile Gly Lys Leu Val Gly Cys Ala Ile Ile His Val Asn Gly Asp
1 5 10 15

Ser Pro Glu Glu Val Val Arg Ala Thr Gln Gln Leu Ala Phe Glu Tyr
20 25 30

Gln Arg Gln Phe Arg Lys Asp Val Ile Ile Asp Leu Leu Cys Tyr Arg
35 40 45

Gln Trp Gly His

50

<210> 870
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V40G"

<400> 870
Arg Lys Met Thr Pro Ser Tyr Glu Ile Arg Ala Val Gly Asn Lys Asn
1 5 10 15

Arg Gln Lys Phe Met Cys Glu Val Gln Gly Gly Glu Gly Tyr Asn Tyr
20 25 30

Thr Gly Met Gly Asn Ser Thr Asn Lys Lys Asp Ala Gln Ser Asn Ala
35 40 45

Ala Arg Asp Phe
50

<210> 871
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E121K"

<400> 871
Glu Arg Ser Leu Asn Leu Ser Glu Lys Glu Val Leu Asp Leu Phe Glu
1 5 10 15

Lys Met Met Glu Asp Met Asn Leu Asn Lys Lys Glu Lys Lys Ala Pro
20 25 30

Leu Arg Asn Lys Asp Phe Thr Thr Lys Arg Glu Met Val Val Gln Tyr
35 40 45

Ile Ser Ala Thr

50

<210> 872
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1705K"

<400> 872
Lys Ala Tyr Leu Leu Gln Ala Phe Thr His Ala Ser Tyr His Tyr Asn
1 5 10 15

Thr Ile Thr Asp Cys Tyr Gln Arg Leu Lys Lys Phe Leu Gly Asp Ala
20 25 30

Ile Leu Asp Tyr Leu Ile Thr Lys His Leu Tyr Glu Asp Pro Arg Gln
35 40 45

His Ser Pro Gly
50

<210> 873
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G79C"

<400> 873
Val Cys Thr Leu Gln Ile Thr Asp Thr Thr Gly Ser His Gln Phe Pro
1 5 10 15

Ala Met Gln Arg Leu Ser Ile Ser Lys Cys Cys His Ala Phe Ile Leu
20 25 30

Val Phe Ser Val Thr Ser Lys Gln Ser Leu Glu Glu Leu Gly Pro Ile
35 40 45

Tyr Lys Leu Ile

50

<210> 874
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R780K"

<400> 874
Cys Ser Gly Met Asp Asn Asp Phe His His Tyr Gly Leu Ala Ser Pro
1 5 10 15

Ile Tyr Thr His Phe Thr Ser Pro Ile Lys Lys Arg Tyr Ala Asp Val
20 25 30

Ile Val His Arg Leu Leu Ala Val Ala Ile Gly Ala Asp Cys Thr Tyr
35 40 45

Pro Glu Leu Thr
50

<210> 875
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G732L"

<400> 875
Glu Lys Val Leu Pro Cys Ile Val Ile Lys Phe Arg Tyr Leu Trp Leu
1 5 10 15

Phe Trp Phe Leu Ala Leu Thr Val Gly Leu Leu Ala Tyr Ile Val Cys
20 25 30

Ile Asn Pro Lys Met Lys Leu Pro Ser Leu Glu Leu Ser Glu Phe Gln
35 40 45

Val Phe Arg Ser Ser

50

<210> 876
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R763C"

<400> 876
Ile Asn Pro Lys Met Lys Leu Pro Ser Leu Glu Leu Ser Glu Phe Gln
1 5 10 15

Val Phe Arg Ser Ser His Pro Phe Glu Cys Cys Tyr Asp Ala Glu Tyr
20 25 30

Lys Lys Leu Phe Met Phe Glu Arg Val His His Gly Glu Glu Leu His
35 40 45

Met Pro Ile Thr
50

<210> 877
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F1021S"

<400> 877
Val Ala Gly Thr Val Leu Leu Thr Val Gly Leu Leu Val Leu Leu Glu
1 5 10 15

Trp Gln Leu Asn Thr Ala Glu Ala Leu Ser Ser Leu Ser Ala Ser Val
20 25 30

Gly Leu Ser Val Asp Phe Thr Val Asn Tyr Cys Ile Ser Tyr His Leu
35 40 45

Cys Pro His Pro

50

<210> 878
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R230H"

<400> 878
Lys Pro Val Leu His Gln Gly Glu Val Cys Thr Lys Gln Arg Lys Lys
1 5 10 15

Gly Ser His Gly Leu Glu Ile Phe Gln His His Cys Asp Cys Ala Lys
20 25 30

Gly Leu Ser Cys Lys Val Trp Lys Asp Ala Thr Tyr Ser Ser Lys Ala
35 40 45

Arg Leu His Val
50

<210> 879
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A350V"

<400> 879
Leu Ala Thr Gln Glu Pro Thr Asp Asn Gln Val Arg Leu Arg Lys Arg
1 5 10 15

Lys Glu Ile Arg Glu Asp Arg Asp Arg Val Val Arg Leu Asp Ser Met
20 25 30

Val Leu Leu Ile Met Lys Leu Asp Gln Leu Asp Gln Asp Ile Glu Asn
35 40 45

Ala Leu Ser Thr

50

<210> 880
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S741T"

<400> 880
Ile Ser Ala Leu Asn Gly Asn Arg Ile Asn Val Pro Met Val Arg Lys
1 5 10 15

Arg Ser Val Ser Asn Ser Thr Gln Thr Thr Thr Ser Ser Ser Ser Gln
20 25 30

Ser Glu Thr Ser Ser Ala Val Ser Thr Pro Ser Pro Val Thr Arg Thr
35 40 45

Arg Ser Leu Ser
50

<210> 881
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E222D"

<400> 881
Ile Ser Leu Ser Glu Ile Lys Asp Ala Pro Lys Val Asn Ala Val Asp
1 5 10 15

Thr Leu Asn Val Lys Asp Ile Ala Pro Asp Asp Lys Gln Leu Leu Asn
20 25 30

Ser Ala Val Ile Ala Gln Gln Arg Arg Lys Pro Asp Pro Pro Lys Asp
35 40 45

Glu Asn Glu Arg

50

<210> 882
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A83V"

<400> 882
Arg Ala Arg Pro Gly Pro Gly Arg Glu Glu Arg Gly Gly Gly Val Gly
1 5 10 15

Thr Arg Ser Arg Arg Thr Ala Ala Arg Val Val Asn Ser Pro Glu Glu
20 25 30

Glu Val Val Arg Gly Ala Glu Gly Gly Ala Glu Leu Leu Pro Phe Pro
35 40 45

Arg Asp Arg Gly
50

<210> 883
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S624L"

<400> 883
Lys Arg Arg Val Glu Arg Lys Glu Arg Ala Arg Leu Lys Thr Val Lys
1 5 10 15

Phe Asn Ala Lys Pro Gly Val Ile Asp Leu Leu Lys Gly Ser Phe Asn
20 25 30

Asp Lys Arg Lys Lys Ser Phe Ile Phe Ser Arg Lys Phe Pro Phe Tyr
35 40 45

Lys Asn Lys Glu

50

<210> 884
<211> 115
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G377fs"

<400> 884
Gly Leu Leu Gly Pro Glu Thr Lys Ala Lys Ala Arg Thr Tyr His Tyr
1 5 10 15

Leu Gln Val Pro Gln Asp Asp Trp Gly Val Thr Pro Pro Val Ala Arg
20 25 30

Met Gly Arg Ser Pro Ala Ala Gly Cys Gly Ala Ala Ala Thr Ser Lys
35 40 45

Pro Trp Gly Met Arg Arg Ala Glu Thr Gln Thr Ala Ala Pro Arg His
50 55 60

Leu Pro Lys Gln Ser Pro Asp Ala Ser Pro Pro Val Ala Pro Pro Ala
65 70 75 80

Trp Thr Arg Pro Gly Ser Thr Ala Val Ser His Pro Gly Ser Thr Pro
85 90 95

Gly Ala Pro Ser Leu Ala Thr Ala Val Pro Ser Pro Leu Asp Ser Ser
100 105 110

Ala Met Ser
115

<210> 885
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.D318H"

<400> 885
Pro Arg Ser Phe Glu Cys Thr Cys Pro Arg Gly Phe Tyr Gly Leu Arg
1   5   10   15

Cys Glu Val Ser Gly Val Thr Cys Ala His His Gly Pro Cys Phe Asn
            20   25   30

Gly Gly Leu Cys Val Gly Gly Ala Asp Pro Asp Ser Ala Tyr Ile Cys
        35   40   45

His Cys Pro Pro
    50

<210> 886
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R1521L"

<400> 886
Ser Arg Ala Ser Thr Ala Gly Ser Glu Ser Thr Leu Ala Leu Arg Leu
1   5   10   15

Val Asn Gly Gly Asp Arg Cys Arg Gly Leu Leu Val Glu Val Leu Tyr
            20   25   30

Gln Gly Ser Trp Gly Thr Val Cys Asp Asp Tyr Trp Asp Thr Asn Asp
        35   40   45

Ala Asn Val Val
    50

<210> 887
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K1772N"

<400> 887
Asp His Cys Arg Lys Leu Val Glu Pro Gln Ile Ser Glu Leu Asn His
1   5   10   15

Arg Phe Ala Ala Ile Ser His Arg Ile Asn Asn Thr Gly Lys Ala Ser
            20   25   30

Ile Pro Leu Lys Glu Leu Glu Gln Phe Asn Ser Asp Ile Gln Lys Leu
        35   40   45

Leu Glu Pro Leu
    50

<210> 888
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R3195H"

<400> 888
Asn Val Pro Leu Cys Val Asp Met Cys Leu Asn Trp Leu Leu Asn Val
1   5   10   15

Tyr Asp Thr Gly Arg Thr Gly Arg Ile His His Val Leu Ser Phe Lys
            20   25   30

Thr Gly Ile Ile Ser Leu Cys Lys Ala His Leu Glu Asp Lys Tyr Arg
        35   40   45

Tyr Leu Phe Lys
    50

<210> 889
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R44H"

<400> 889
Ala Gly Val Gly Pro Gly Leu Pro Gly Ala Gly Ala Pro Ala Arg Pro
1   5   10   15

Ser Pro Gly Arg Pro Pro Gly Ala Gly His His Leu Arg Thr Gly Pro
            20   25   30

Gly Gln Val Arg Gly Arg Leu Leu Ala Val Gly Pro Lys Ser Arg Val
        35   40   45

Phe Gln Ser Val
    50

<210> 890
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S45T"

<400> 890
Pro Gly Val Pro Pro Gln Gly Arg Ala Gly Gly Phe Gly Lys Ala Ser
1   5   10   15

Gly Ala Leu Val Gly Ala Ala Ser Gly Thr Thr Ser Ala Gly Gly Ser
            20   25   30

Ser Arg Gly Gly Gly Ser Gly Ser Gly Ala Ser Asp Leu Gly Ala Gly
        35   40   45

Ser Lys Lys Ser
    50

<210> 891
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.T106S"

<400> 891
Arg Gly Gly Pro Gln Pro Arg Pro Pro Leu Ala Pro Gln Ala Ser Pro
1   5   10   15

Ala Gly Thr Gly Pro Arg Glu Arg Cys Ser Ser Pro Ala Gly Gly Gly
            20   25   30

Ala Glu Pro Arg Lys Leu Ser Arg Thr Pro Lys Cys Ala Arg Cys Arg
        35   40   45

Asn His Gly Val
    50

<210> 892
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D2412E"

<400> 892
Gly Gly Gly Val Lys Leu Val Val Lys Pro Arg Arg Gln Ser Glu Asn
1   5   10   15

Ile Ser Ala Pro Pro Val Leu Ser Glu Glu Glu Ile Asp Lys His Arg
            20   25   30

Arg Arg Phe Asn Met Arg Met Leu Val Pro Gly Arg Pro Val Lys Asp
        35   40   45

Ala Thr Pro Pro
    50

<210> 893
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.C1853F"

<400> 893
Gly Ala Pro Ala Gly Pro Ala Gly Thr Gly Lys Thr Glu Thr Thr Lys
1   5   10   15

Asp Leu Ala Lys Ala Leu Gly Leu Leu Phe Phe Val Val Thr Asn Cys
            20   25   30

Gly Glu Gly Met Asp Tyr Arg Ala Val Gly Lys Ile Phe Ser Gly Leu
        35   40   45

Ala Gln Cys Gly
    50

<210> 894
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R1888Q"

<400> 894
Asp Tyr Arg Ala Val Gly Lys Ile Phe Ser Gly Leu Ala Gln Cys Gly
1   5   10   15

Ala Trp Gly Cys Phe Asp Glu Phe Asn Gln Gln Ile Asp Ala Ser Val
            20   25   30

Leu Ser Val Ile Ser Ser Gln Ile Gln Thr Ile Arg Asn Ala Leu Ile
        35   40   45

His Gln Leu Thr
    50

<210> 895
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R1367C"

<400> 895
Gln Asp Ile Gly Pro Pro Ala Val Lys Met Leu Ile Ser Ala Glu Gly
1   5   10   15

Glu Gly Leu Val Leu Pro Lys Lys Ile Cys Cys Val Arg Ser Ala Val
            20   25   30

Glu Gln Trp Leu Val Asn Val Glu Lys Ser Met Phe Asp Val Leu Lys
        35   40   45

Lys Glu Arg Tyr
    50

<210> 896
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E3367Q"

<400> 896
Leu Asn Leu Arg Ile Lys Tyr Ile Ile Asp His Phe Thr Leu Ser Ile
1   5   10   15

Tyr Asn Asn Val Cys Arg Ser Leu Phe Gln Gln Lys Asp Lys Leu Leu
            20   25   30

Phe Ser Leu Leu Leu Thr Ile Gly Ile Met Lys Gln Lys Lys Glu Ile
        35   40   45

Thr Glu Glu Val
    50

<210> 897
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R3822L"

<400> 897
Gln Lys Leu Glu Ile Ser Ala Glu Thr Glu Val Gln Ile Asn Ser Ala
1   5   10   15

Arg Glu Glu Tyr Arg Pro Val Ala Thr Leu Leu Gly Ser Ile Leu Tyr
            20   25   30

Phe Leu Ile Thr Glu Met Arg Leu Val Asn Glu Met Tyr Gln Thr Ser
        35   40   45

Leu Arg Gln Phe
    50

<210> 898
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R742Q"

<400> 898
Leu Phe Arg Glu Thr Glu Cys Met Ala Gln Met Gly Leu Glu Val Ser
1   5   10   15

Pro Leu Ala Thr Ser Leu Phe Gln Lys Gln Gln Asp Arg Tyr Lys Arg
            20   25   30

Asn Phe Ser Asn Met Lys Met Met Leu Ala Glu Tyr Gln Arg Val Lys
        35   40   45

Ser Lys Ile Pro
    50

<210> 899
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R982H"

<400> 899
Glu Leu Leu Ser His Phe Asn His Gln Asn Met Asp Ala Leu Leu Lys
1   5   10   15

Val Thr Arg Asn Thr Leu Glu Ala Ile His His Lys Arg Ile His Ser
            20   25   30

Ser His Thr Ile Asn Phe Arg Asp Ser Asn Ser Ala Ser Asn Met Lys
        35   40   45

Gln Asn Ser Leu
    50

<210> 900
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q1797E"

<400> 900
Thr Ile Glu Leu Asp Lys Pro Val Met Ala Glu Gly Asn Val Glu Val
1   5   10   15

Trp Leu Asn Ser Leu Leu Glu Glu Ser Glu Glu Ser Ser Leu His Leu
            20   25   30

Val Ile Arg Gln Ala Ala Ala Asn Ile Gln Glu Thr Gly Phe Gln Leu
        35   40   45

Thr Glu Phe Leu
    50

<210> 901
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R224Q"

<400> 901
Phe Leu Ser Ser Leu Glu Gly Phe Val Asn Val Leu Ser Gly Ala Gln
1   5   10   15

Glu Ser Leu Lys Glu Lys Val Asn Leu Gln Gln Lys Cys Asp Ile Leu
            20   25   30

Glu Leu Lys Thr Leu Lys Glu Pro Thr Asp Tyr Leu Thr Leu Ala Asn
        35   40   45

Asn Pro Glu Thr
    50

<210> 902
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R3197Q"

<400> 902
His Val Thr Pro Lys Ser Tyr Leu Ser Phe Ile Gln Gly Tyr Lys Phe
1   5   10   15

Ile Tyr Gly Glu Lys His Val Glu Val Gln Gln Thr Leu Ala Asn Arg
            20   25   30

Met Asn Thr Gly Leu Glu Lys Leu Lys Glu Ala Ser Glu Ser Val Ala
        35   40   45

Ala Leu Ser Lys
    50

<210> 903
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.D3236N"

<400> 903
Lys Glu Ala Ser Glu Ser Val Ala Ala Leu Ser Lys Glu Leu Glu Ala
1   5   10   15

Lys Glu Lys Glu Leu Gln Val Ala Asn Asn Asn Lys Ala Asp Met Val
            20   25   30

Leu Lys Glu Val Thr Met Lys Ala Gln Ala Ala Glu Lys Val Lys Ala
        35   40   45

Glu Val Gln Lys
    50

<210> 904
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R2961Q"

<400> 904
Leu Cys Lys Gly Arg Asp Ile Pro Cys Ser Asp Asp Cys Ser Leu Met
1   5   10   15

Gly Thr Leu Gly Glu Ala Val Thr Ile Gln Gln Thr Trp Asn Ile Ala
            20   25   30

Gly Leu Pro Ser Asp Ser Phe Ser Ile Asp Asn Gly Ile Ile Ile Met
        35   40   45

Asn Ala Arg Arg
    50

<210> 905
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.D1547N"

<400> 905
Leu Glu Ser Ile Phe Thr Gly Ser Glu Asp Ile Arg Ala Gln Leu Pro
1   5   10   15

Gln Asp Ser Lys Arg Phe Glu Gly Ile Asn Asn Ile Asp Phe Lys Glu
            20   25   30

Leu Ala Tyr Asp Ala Gln Lys Ile Pro Asn Val Val Gln Thr Thr Asn
        35   40   45

Lys Pro Gly Leu
    50

<210> 906
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S2993R"

<400> 906
Lys Phe Pro Ala Ile Val Asn Cys Thr Ala Ile His Trp Phe His Glu
1   5   10   15

Trp Pro Gln Gln Ala Leu Glu Ser Val Arg Arg Leu Arg Phe Leu Gln
            20   25   30

Asn Thr Glu Gly Ile Glu Pro Thr Val Lys Gln Ser Ile Ser Lys Phe
        35   40   45

Met Ala Phe Val
    50

<210> 907
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.V231L"

<400> 907
Pro Asn Lys Pro Glu Leu Ala Leu Lys Pro Ser Ser Pro Leu Val Thr
1   5   10   15

Leu Glu Phe Asn Pro Lys Asp Ser His Leu Leu Leu Leu Gly Gly Cys
            20   25   30

Tyr Asn Gly Gln Ile Ala Cys Trp Asp Thr Arg Lys Gly Ser Leu Val
        35   40   45

Ala Glu Leu Ser
    50

<210> 908
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K193fs"

<400> 908
Ala Val Val Trp Ser Ile Tyr Leu Glu Lys Gln Leu Asp Glu Leu Leu
1   5   10   15

Ser Arg Lys Lys Arg Glu Lys Lys Lys Arg Leu Ala Ala Arg Val Trp
            20   25   30

Met Tyr Gln Asn Ser Val Leu Gln Lys Lys Met Lys Asp Cys
        35   40   45

<210> 909
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I80K"

<400> 909
Phe Lys Lys Leu Ala Leu Lys Leu His Pro Asp Lys Asn Pro Asn Asn

1 5 10 15

Pro Asn Ala His Gly Asp Phe Leu Lys Lys Lys Asn Arg Ala Tyr Glu
20 25 30

Val Leu Lys Asp Glu Asp Leu Arg Lys Lys Tyr Asp Lys Tyr Gly Glu
35 40 45

Lys Gly Leu Glu
50

<210> 910
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R135K"

<400> 910
Asp Leu Met Leu Glu Glu Ser Asp Lys Thr His Thr Thr Lys Met Glu
1 5 10 15

Asn Glu Glu Cys Asn Glu Gln Arg Glu Lys Lys Lys Lys Glu Glu Leu
20 25 30

Ala Ser Thr Ala Glu Lys Thr Glu Gln Lys Glu Pro Lys Pro Leu Glu
35 40 45

Lys Ser Val Ser
50

<210> 911
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1248K"

<400> 911
Thr Pro Arg Leu Gln Ser Asn Thr Arg Ala Leu Tyr Gln Tyr Cys Pro

1 5 10 15

Ile Pro Ile Ile Asn Tyr Pro Gln Leu Lys Lys Asn Glu Leu Phe Cys
20 25 30

Asn Ile Tyr Tyr Leu Lys Gln Leu Cys Asp Thr Leu Arg Phe Pro Asp
35 40 45

Trp Pro Ile Lys
50

<210> 912
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E61K"

<400> 912
Leu Met Tyr His Pro Asp Lys Gln Ser Thr Asp Val Pro Ala Gly Thr
1 5 10 15

Val Glu Glu Cys Val Gln Lys Phe Ile Lys Lys Ile Asp Gln Ala Trp
20 25 30

Lys Ile Leu Gly Asn Glu Glu Thr Lys Arg Glu Tyr Asp Leu Gln Arg
35 40 45

Cys Glu Asp Asp
50

<210> 913
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D212N"

<400> 913
Cys Ala Ser Leu Thr Lys Lys Arg Leu Asp Lys Leu Glu Leu Arg Thr

1 5 10 15

Glu Pro Gly Phe His Trp Val Ile Ala Asn Asn Gly Glu Asp Thr Thr
20 25 30

Val Arg Ala Ser Thr His Cys Thr Tyr Asp Arg Val Val Leu His Gly
35 40 45

Glu Arg Cys Arg
50

<210> 914
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E378D"

<400> 914
Thr Leu Glu Leu Ser Gly Gly Ala Arg Ile Asn Arg Ile Phe His Glu
1 5 10 15

Arg Phe Pro Phe Glu Leu Val Lys Met Asp Asp Phe Asp Glu Lys Asp
20 25 30

Leu Arg Arg Glu Ile Ser Tyr Ala Ile Lys Asn Ile His Gly Val Arg
35 40 45

Thr Gly Leu Phe
50

<210> 915
<211> 55
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P791fs"

<400> 915
Gln Arg Arg Pro Val Ser Ser Ile His Pro Pro Gly Arg Pro Pro Ala

1 5 10 15

Val Arg Gly Pro Thr Pro Gly Pro Pro Pro Asp Ser Cys Ser Arg Gly
20 25 30

Gly Ser Ser Leu Leu Leu Gly Ala Pro Asn Pro Ile Pro Ala Trp Thr
35 40 45

Pro Glu Arg Val Cys Gln Gln
50 55

<210> 916
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T78P"

<400> 916
Ser Ser Phe Val Glu Ile Val Thr Ile Pro Ser Leu Lys Glu Gly Glu
1 5 10 15

Arg Leu Phe Val Cys Ile Cys Glu Phe Pro Pro Ser Gln Glu Leu Asp
20 25 30

Asn Leu Pro Leu His Arg Gly Asp Leu Val Ile Leu Asp Gly Ile Pro
35 40 45

Thr Ala Gly Trp
50

<210> 917
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E432K"

<400> 917
Leu Thr Cys Phe Ser Val Tyr Cys Lys His Gly His Leu Cys Pro Ile

1 5 10 15

Asp Thr Gly Leu Ile Glu Lys Asn Ile Lys Lys Leu Phe Phe Ser Gly
20 25 30

Ser Ala Lys Pro Ile Tyr Asp Asp Asp Pro Ser Leu Glu Gly Gly Val
35 40 45

Asn Gly Lys Asn
50

<210> 918
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E51K"

<400> 918
Arg Arg Leu Lys Asp Leu Glu Arg Asp Ser Leu Thr Glu Lys Glu Cys
1 5 10 15

Val Lys Glu Lys Leu Asn Leu Leu His Lys Lys Phe Leu Gln Thr Glu
20 25 30

Ile Lys Asn Gln Leu Cys Asp Leu Glu Thr Lys Leu Arg Lys Glu Glu
35 40 45

Leu Ser Glu Glu
50

<210> 919
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R995Q"

<400> 919
Pro Glu His Tyr Arg Lys Tyr Ser Asp Tyr Ile Lys Gly Ser Asn Leu

1 5 10 15

Asp Ala Pro Glu Pro Tyr Arg Ile Gly Gln Gln Ile Lys Glu Ile Phe
20 25 30

Cys Pro Lys Lys Ser Asn Gly Arg Pro Asn Glu Thr Asp Ile Lys Ile
35 40 45

Arg Val Asn Lys
50

<210> 920
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1531Q"

<400> 920
Arg His Asn His Trp Ala Gly Leu Tyr Gly Arg Leu Glu Trp Asp Gly
1 5 10 15

Phe Phe Ser Thr Thr Val Thr Asn Pro Gln Gln Pro Met Gly Lys Gln
20 25 30

Gly Arg Val Leu His Pro Glu Gln His Arg Val Val Ser Val Arg Glu
35 40 45

Cys Ala Arg Ser
50

<210> 921
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R736H"

<400> 921
Asn Asp Leu Ser Ile Val Asn Pro Ala Arg Lys Gly Leu Tyr Glu Gly

1 5 10 15

Thr Gly Arg Leu Phe Phe Glu Phe Tyr His His Leu Leu His Asp Ala
20 25 30

Arg Pro Lys Glu Gly Asp Asp Arg Pro Phe Phe Trp Leu Phe Glu Asn
35 40 45

Val Val Ala Met
50

<210> 922
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R882C"

<400> 922
Asp Ile Leu Trp Cys Thr Glu Met Glu Arg Val Phe Gly Phe Pro Val
1 5 10 15

His Tyr Thr Asp Val Ser Asn Met Ser Cys Cys Leu Ala Arg Gln Arg
20 25 30

Leu Leu Gly Arg Ser Trp Ser Val Pro Val Ile Arg His Leu Phe Ala
35 40 45

Pro Leu Lys Glu
50

<210> 923
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R882H"

<400> 923
Asp Ile Leu Trp Cys Thr Glu Met Glu Arg Val Phe Gly Phe Pro Val

1 5 10 15

His Tyr Thr Asp Val Ser Asn Met Ser His His Leu Ala Arg Gln Arg
20 25 30

Leu Leu Gly Arg Ser Trp Ser Val Pro Val Ile Arg His Leu Phe Ala
35 40 45

Pro Leu Lys Glu
50

<210> 924
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R92W"

<400> 924
Thr Gln Asp Leu Thr Gly Asp Gly Asp Gly Glu Asp Gly Asp Gly Ser
1 5 10 15

Asp Thr Pro Val Met Pro Lys Leu Phe Trp Trp Glu Thr Arg Thr Arg
20 25 30

Ser Glu Ser Pro Ala Val Arg Thr Arg Asn Asn Asn Ser Val Ser Ser
35 40 45

Arg Glu Arg His
50

<210> 925
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E864K"

<400> 925
Ser Lys Met Phe Thr Glu Phe Ile Leu Asn Val Pro Met Gly Leu Leu

1 5 10 15

Thr Ile Gln Lys Leu Tyr Cys Leu Ile Lys Lys Ile Val His Ser Asp
20 25 30

Leu Phe Thr Gln His Asp Cys Arg Glu Ile Leu Leu Pro Met Met Thr
35 40 45

Asp Gln Leu Lys
50

<210> 926
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A1830V"

<400> 926
Asn Glu Asn Ile Leu Val Glu Gln Leu Tyr Met Cys Val Glu Phe Leu
1 5 10 15

Trp Lys Ser Glu Arg Tyr Glu Leu Ile Val Val Asp Val Asn Lys Pro
20 25 30

Ile Ile Ala Val Phe Glu Lys Gln Arg Asp Phe Lys Lys Leu Ser Asp
35 40 45

Leu Tyr Tyr Asp
50

<210> 927
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q169E"

<400> 927
Phe Glu Ile Asp Glu Asp Cys Glu Lys Asp Glu Asp Ser Ser Ser Leu

1 5 10 15

Cys Ser Gln Lys Gly Gly Val Ile Lys Glu Glu Gly Trp Leu His Lys
20 25 30

Ala Asn Val Asn Ser Thr Ile Thr Val Thr Met Lys Val Phe Lys Arg
35 40 45

Arg Tyr Phe Tyr
50

<210> 928
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1183C"

<400> 928
Glu Leu Phe Ser Leu Leu Thr Gln Leu Phe Gly Pro Tyr Pro Ser Leu
1 5 10 15

Leu Glu Lys Val Glu Gln Glu Thr Trp Cys Cys Glu Thr Gly Ile Ser
20 25 30

Phe Val Thr Ser Val Thr Arg Leu Met Glu Arg Leu Leu Asp Tyr Arg
35 40 45

Asp Cys Met Lys
50

<210> 929
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E177K"

<400> 929
Ile Asp His Gly Asn Arg Met Leu Gly Leu Asp Leu Val Val Arg Asp

1 5 10 15

Asp Asn Gly Asn Ile Leu Asp Pro Asp Lys Lys Thr Ser Thr Ile Ala
20 25 30

Leu Phe Lys Ala His Glu Val Ala Ser Lys Arg Ile Glu Glu Lys Ile
35 40 45

Gln Glu Glu Lys
50

<210> 930
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.L1111fs"

<400> 930
Thr Leu Ile Ser Met Arg Leu Glu Phe Leu Arg Ile Leu Cys Ser His
1 5 10 15

Glu His Tyr Leu Asn Leu Asn Leu Phe Leu
20 25

<210> 931
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A177fs"

<400> 931
His Lys Thr Leu Pro Lys Gln Thr Phe Glu Ser Glu Thr Leu Glu Cys
1 5 10 15

Ser Glu Pro Ala Ala Gln Ala Gly Pro Pro Pro Leu Lys Arg Ala Val
20 25 30

Arg Arg Val Trp Glu Arg Pro Arg His Cys Leu

35 40

<210> 932
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R274W"

<400> 932
Lys Met Ser Glu Arg Ala Ala Ser Leu Ser Thr Met Val Pro Leu Pro
1 5 10 15

Arg Ser Ala Tyr Trp Gln His Ile Thr Trp Trp Gln His Ser Thr Gly
20 25 30

Gln Leu Tyr Arg Leu Gln Asp Val Ser Ser Pro Leu Lys Leu His Arg
35 40 45

Thr Glu Thr Phe
50

<210> 933
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G461D"

<400> 933
Gly Gln Thr Ser Ala Gly Cys Pro Ser Gly Trp Leu Gly Thr Arg Arg
1 5 10 15

Arg Gly Leu Val Met Glu Ala Pro Gln Asp Asp Ser Glu Ala Thr Leu
20 25 30

Pro Gly Pro Ala Pro Gly Glu Pro Trp Glu Ala Gly Gly Pro His Ala
35 40 45

Gly Pro Pro Pro

50

<210> 934
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1196K"

<400> 934
Lys Ala Gly Ala Lys Leu Ser Leu Val Arg Val Asp Ser Asp Lys Thr
1 5 10 15

Gln Ala Ser Glu Ser Phe Ser Ser Asp Lys Lys Glu Ala Asp Leu Glu
20 25 30

Leu Gln Ala Leu Thr Thr Ser Arg Leu Leu Lys Gln Gln Arg Glu Arg
35 40 45

Gln Glu Ala Val
50

<210> 935
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y2048S"

<400> 935
Phe Glu Gln Lys Ala Met Leu Leu Lys Arg Gln Ala Phe Ala Val Phe
1 5 10 15

Ser Gly Glu Leu Asp Gln Tyr His Leu Ser Ser Leu Pro Leu Ile Gln
20 25 30

Glu Arg Leu Thr Asp Asn Leu Arg Val Gly Gln Thr Ser Ile Val Ala
35 40 45

Ala Gln Met Phe

50

<210> 936
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L768del"

<400> 936
Asn Arg Glu Arg Thr Ala Asn Glu Asn Thr Thr Pro Ser Pro Ala Gln
1 5 10 15

Pro Thr Glu Asn Gly Asp Arg Thr Pro Ala Asn Glu Lys Thr Thr Pro
20 25 30

Ser Leu Ala Glu Pro Thr Glu Asn Gly Lys Arg Thr Pro Phe Ala Asn
35 40 45

Glu Lys Thr Thr Ser
50

<210> 937
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V11L"

<400> 937
Met Trp Ser Gly Trp Trp Leu Trp Pro Leu Leu Leu Ala Val Cys Thr
1 5 10 15

Ala Asp Phe Phe Arg Asp Glu Ala Glu Arg Ile Met Arg Asp Ser Pro
20 25 30

Val Ile Asp Gly His
35

<210> 938

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V183I"

<400> 938
Thr Ala Ser Tyr Val Ile Tyr Asn Ile His Thr Arg Glu Val Trp Glu
1 5 10 15

Leu Asn Pro Pro Glu Val Glu Asp Ser Ile Ile Leu Gln Tyr Ala Ala
20 25 30

Trp Gly Val Gln Gly Gln Gln Leu Ile Tyr Ile Phe Glu Asn Asn Ile
35 40 45

Tyr Tyr Gln Pro
50

<210> 939
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L757F"

<400> 939
Thr Phe Thr Cys Gly Ser Ala Leu Ser Pro Ile Thr Asp Phe Lys Leu
1 5 10 15

Tyr Ala Ser Ala Phe Ser Glu Arg Tyr Phe Phe Gly Leu His Gly Leu
20 25 30

Asp Asn Arg Ala Tyr Glu Met Thr Lys Val Ala His Arg Val Ser Ala
35 40 45

Leu Glu Glu Gln
50

<210> 940

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G165R"

<400> 940
Gln Ala Thr Leu Asp Tyr Gly Met Tyr Ser Arg Glu Glu Glu Leu Leu
1 5 10 15

Arg Glu Arg Lys Arg Ile Gly Thr Val Arg Arg Ile Ala Ser Tyr Asp
20 25 30

Tyr His Gln Gly Ser Gly Thr Phe Leu Phe Gln Ala Gly Ser Gly Ile
35 40 45

Tyr His Val Lys
50

<210> 941
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F378L"

<400> 941
Ile Leu Lys Tyr Leu Thr Ser Lys Ile Phe Gly Ile Ala Asp Asp Ala
1 5 10 15

His Ile Gly Asn Leu Leu Thr Ser Lys Leu Leu Phe Ser Tyr Lys Asp
20 25 30

Phe Asp Thr Leu Leu Tyr Thr Cys Ala Ala Glu Phe Asp Phe Met Glu
35 40 45

Lys Glu Thr Pro
50

<210> 942

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V249L"

<400> 942
Met Leu Leu Val Thr His Ile Leu Arg Ala Thr Lys Leu Tyr Arg Gly
1 5 10 15

Ser Leu Ile Ala Leu Cys Ile Ser Asn Leu Leu Phe Phe Met Leu Pro
20 25 30

Trp Gln Phe Ala Gln Phe Val Leu Leu Thr Gln Ile Ala Ser Leu Phe
35 40 45

Ala Val Tyr Val
50

<210> 943
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M210V"

<400> 943
Ile Asn Ala Ile Lys Arg Phe His Leu Tyr Pro Glu Val Ile Ile Ala
1 5 10 15

Ser Trp Tyr Cys Thr Phe Met Gly Ile Val Val Asn Leu Phe Gly Leu
20 25 30

Glu Thr Lys Thr Cys Trp Asn Val Thr Arg Ile Glu Pro Leu Asn Glu
35 40 45

Val Gln Ser Cys
50

<210> 944

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R505H"

<400> 944
Ala Ser Cys Glu Phe Asp Cys Val Asp Glu Met Leu Thr Leu Ala Ala
1 5 10 15

Met Leu Thr Ala Ala Pro Gly Phe Thr His His Pro Pro Leu Ser Ala
20 25 30

Glu Glu Ala Ala Leu Arg Arg Ala Leu Glu His Thr Asp Gly Asp His
35 40 45

Ser Ser Leu Ile
50

<210> 945
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S275R"

<400> 945
Arg Ile Ala Gln Val Gln Ile Arg Arg Ile Ser Ser Leu Glu Arg Ala
1 5 10 15

Ala Glu His Ala Gln Ser Cys Arg Ser Arg Arg Ala Ala Cys Ala Pro
20 25 30

Asp Thr Ser Leu Arg Ala Ser Ile Lys Lys Glu Thr Lys Val Leu Lys
35 40 45

Thr Leu Ser Val
50

<210> 946

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R128L"

<400> 946
Asn Pro Arg Thr Gly Glu Ile Asn Ile Thr Ser Val Val Asp Arg Glu
1 5 10 15

Ile Thr Pro Leu Phe Leu Ile Tyr Cys Leu Leu Ala Leu Asn Ser Arg
20 25 30

Gly Glu Asp Leu Glu Arg Pro Leu Glu Leu Arg Val Lys Val Met Asp
35 40 45

Ile Asn Asp Asn
50

<210> 947
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R160G"

<400> 947
Cys Asp Ala Tyr Gln Lys Arg Leu Leu Gln Leu Gln Glu Gln Met Arg
1 5 10 15

Ala Leu Tyr Lys Ala Ile Ser Val Pro Gly Gly Val Arg Arg Ala Ser
20 25 30

Ser Lys Gly Gly Gly Gly Tyr Thr Cys Gln Ser Gly Ser Gly Trp Asp
35 40 45

Glu Phe Thr Lys
50

<210> 948

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A4410S"

<400> 948
Thr Ile Cys Gly Lys Ser Val Glu Arg Gln Asn Lys Leu Glu Glu Ala
1 5 10 15

Leu Leu Phe Ser Gly Gln Phe Thr Asp Ser Ser Leu Gln Ala Leu Ile
20 25 30

Asp Trp Leu Tyr Arg Val Glu Pro Gln Leu Ala Glu Asp Gln Pro Val
35 40 45

His Gly Asp Ile
50

<210> 949
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S1767Y"

<400> 949
Ile Thr Leu Thr Arg Ser Leu Ser Val Gln Asp Gly Leu Asp Glu Met
1 5 10 15

Leu Asp Trp Met Gly Asn Val Glu Ser Tyr Tyr Leu Lys Glu Gln Gly
20 25 30

Gln Val Pro Leu Asn Ser Thr Ala Leu Gln Asp Ile Ile Ser Lys Asn
35 40 45

Ile Met Leu Glu
50

<210> 950

<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F101fs"

<400> 950
Lys Asp Cys Arg Tyr Ala Leu Tyr Asp Ala Ser Phe Glu Thr Lys Glu
1 5 10 15

Ser Arg Lys Glu Glu Leu Met Phe Phe Phe Val Gly Thr Arg Thr Ser
20 25 30

Thr Ser Glu Lys
35

<210> 951
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F880L"

<400> 951
Ser Pro Glu Asp Lys Ser Arg Leu Met Phe Thr Met Tyr Asp Leu Asp
1 5 10 15

Glu Asn Gly Phe Leu Ser Lys Asp Glu Leu Leu Phe Thr Met Met Arg
20 25 30

Ser Phe Ile Glu Ile Ser Asn Asn Cys Leu Ser Lys Ala Gln Leu Ala
35 40 45

Glu Val Val Glu
50

<210> 952
<211> 104
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A601fs"

<400> 952
Tyr Gly Gly Gly Ser Ala Ser Ser Gln His Ser Glu Gly Ser Arg Ser
1 5 10 15

Ser Gly Ser Thr Arg Ser Asp Gly Gly Gln Gly Ala Arg Gly Gly Pro
20 25 30

Arg Ser Gly Pro Pro Ser Pro Ser Pro Ala Val Ala Val Ser Leu Ser
35 40 45

Pro Pro Ala Glu Gly Ala Ala Phe Gly Gly Val Gly Lys Gln Val Gly
50 55 60

Leu Ala Met Gly Ala Leu Leu His Pro Glu Ala Gln Leu Gly Val Pro
65 70 75 80

Leu Ile Ser Glu Pro Thr Gln Gly Ser Ile Pro Met Asp Arg Pro Leu
85 90 95

Ala Trp Pro Ser Pro Thr Thr Pro
100

<210> 953
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V66G"

<400> 953
Gly Asp Phe Lys Ser Val Leu Gln Arg Pro Ala Gly Ala Lys Tyr Phe
1 5 10 15

Phe Lys Ser Met Asp Gln Asp Phe Gly Gly Gly Val Lys Glu Glu Ile
20 25 30

Ser Asp Asp Asn Ala Arg Leu Pro Cys Phe Asn Gly Arg Val Val Ser

35 40 45

Trp Leu Val Ser
50

<210> 954
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E883D"

<400> 954
Lys Glu Trp Ile Val Ile Gly Gln Val Asp Met Glu Ala Leu Val Glu
1 5 10 15

Lys His Leu Phe Thr Val His Asp Trp Asp Asp Lys Asn Phe Lys Ala
20 25 30

Leu Lys Ile Lys Gly Lys Glu Val Glu Arg Leu Pro Ser Ala Val Lys
35 40 45

Val Asp Cys Leu
50

<210> 955
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q545fs"

<400> 955
Asp Val Pro His Lys Thr His Gln Ala Pro Ala Ser Ala Ser Ser Leu
1 5 10 15

Pro Gly Thr Gly Ala Gln Leu Pro Pro Ser Pro Asp Thr Leu Val Val
20 25 30

Pro His His Gln Pro His His His Pro Arg Ser

35 40

<210> 956
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K468fs"

<400> 956
Thr Ala Ser Arg Arg Gln Thr Phe Phe Asp Ser Lys Gly Phe Pro Lys
1 5 10 15

Asn Ile Thr Asn Asn Arg Gly Lys Lys Asp Thr Gln Ile Pro Arg Thr
20 25 30

Ser Arg Trp Cys
35

<210> 957
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M322L"

<400> 957
Asn Leu Lys Tyr Pro Gly Glu Asn Asp Gln Ser Phe Ser Gly Lys Lys
1 5 10 15

Cys Leu Lys Glu Gly Cys Thr Gly Asp Leu Leu Val Arg Met Leu Gln
20 25 30

Cys Asp Val Pro Gly Ile Val Lys Ile Leu Phe Glu Val Val Arg Lys
35 40 45

Asp Glu Tyr Ile
50

<210> 958

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I91S"

<400> 958
Pro Ile Thr Pro Val Lys Phe Val Asp Arg Gln Gln Ala Glu Pro Trp
1 5 10 15

Thr Pro Thr Ala Asn Leu Lys Met Leu Ser Ser Ser Ala Ala Ser Pro
20 25 30

Asp Ile Arg Asp Arg Glu Lys Lys Lys Gly Leu Phe Arg Pro Ile Glu
35 40 45

Asn Lys Asp Asp
50

<210> 959
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V109fs"

<400> 959
Cys Ile Leu Ile Ile Asn His Asp Thr Gly Glu Cys Arg Leu Glu Lys
1 5 10 15

Leu Ser Ser Asn Ile Thr Val Lys Lys Gln Glu Leu Lys Glu Ala Val
20 25 30

Lys Phe Ser Ile Val Lys Asn Asn Ser Asn Asn Lys Cys Gly Ile Gln
35 40 45

Pro Gly Leu Pro Ile Leu
50

<210> 960

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E187K"

<400> 960
Glu Glu Asp Ala Ala Trp Gln Ala Glu Glu Val Leu Arg Gln Gln Lys
1 5 10 15

Leu Ala Asp Arg Glu Lys Arg Ala Ala Lys Lys Gln Gln Arg Lys Lys
20 25 30

Met Glu Lys Glu Ala Gln Arg Leu Met Lys Lys Glu Gln Asn Lys Ile
35 40 45

Gly Val Lys Leu
50

<210> 961
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D353G"

<400> 961
Ser Tyr Lys Ser Lys Gln Phe Cys Lys Gly Thr Pro Gly Arg Phe Ile
1 5 10 15

Tyr Thr Ala Leu Asn Glu Pro Thr Ile Gly Gly Tyr Gly Phe Gln Arg
20 25 30

Leu Gln Lys Val Ile Pro Arg His Pro Gly Asp Pro Glu Arg Leu Pro
35 40 45

Lys Glu Val Ile
50

<210> 962

<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L189V"

<400> 962
Tyr Cys Trp Leu Tyr Leu Phe Phe Phe Asn Gly Val Trp Val Leu Ile
1 5 10 15

Pro Gly Leu Leu Leu Trp Gln Ser Trp Val Val Glu Leu Lys Lys Met
20 25 30

His Gln Lys Glu Thr Ser Ser Val Lys Lys Phe Gln
35 40

<210> 963
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q196P"

<400> 963
Phe Phe Asn Gly Val Trp Val Leu Ile Pro Gly Leu Leu Leu Trp Gln
1 5 10 15

Ser Trp Leu Glu Leu Lys Lys Met His Pro Pro Lys Glu Thr Ser Ser
20 25 30

Val Lys Lys Phe Gln
35

<210> 964
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D254N"

<400> 964
Asp Arg Gly Val Ser Pro Cys Glu Asp Phe Tyr Gln Phe Ser Cys Gly
1   5   10   15

Gly Trp Ile Arg Arg Asn Pro Leu Pro Asn Asn Gly Arg Ser Arg Trp
            20   25   30

Asn Thr Phe Asn Ser Leu Trp Asp Gln Asn Gln Ala Ile Leu Lys His
        35   40   45

Leu Leu Glu Asn
    50

<210> 965
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K55R"

<400> 965
His Met Asn Arg Thr Ala Met Arg Ala Ser Gln Lys Asp Phe Glu Asn
1   5   10   15

Ser Met Asn Gln Val Lys Leu Leu Lys Arg Arg Asp Pro Gly Asn Glu
            20   25   30

Val Lys Leu Lys Leu Tyr Ala Leu Tyr Lys Gln Ala Thr Glu Gly Pro
        35   40   45

Cys Asn Met Pro
    50

<210> 966
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E266K"

<400> 966
Glu Ile Gly Tyr Ser Arg Cys Cys His Cys Arg Ser His Thr Asn Arg
1   5   10   15

Leu Glu Cys Ala Lys Leu Val Trp Glu Lys Lys Ala Met Ser Arg Phe
            20   25   30

Cys Glu Ala Glu Phe Ser Val Lys Thr Arg Pro His Trp Cys Cys Thr
        35   40   45

Arg Gln Gly Glu
    50

<210> 967
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L58F"

<400> 967
Arg Ala Gly Glu Gly Asn Ser Cys Leu Leu Phe Leu Gly Phe Phe Gly
1   5   10   15

Leu Ser Leu Ala Leu His Leu Leu Thr Phe Phe Cys Cys Tyr Leu Glu
            20   25   30

Leu Arg Ser Glu Leu Arg Arg Glu Arg Gly Ala Glu Ser Arg Leu Gly
        35   40   45

Gly Ser Gly Thr
    50

<210> 968
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L450R"

<400> 968
Ser Arg Ile Leu Lys Leu Thr Leu Tyr Asn Gln Asn Asp Pro Asn Arg
1   5   10   15

Cys Glu Leu Leu Ser Phe Leu Leu Val Arg Trp Asp Tyr Ile Gly Ile
            20   25   30

Asn Met Ala Ser Leu Asn Ser Cys Ile Asn Pro Ile Ala Leu Tyr Leu
        35   40   45

Val Ser Lys Arg
    50

<210> 969
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N570fs"

<400> 969
Glu Arg Glu Asp Leu Tyr Ala Lys Ile Gln Ala Gly Glu Gly Glu Thr
1   5   10   15

Ala Val Leu Asn Gln Leu Gln Glu Lys Thr Ile His Tyr Arg Ser Lys
            20   25   30

<210> 970
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T432L"

<400> 970
Gly Lys Pro Met Cys Val Glu Ser Phe Ser Asp Tyr Pro Pro Leu Gly

1 5 10 15

Arg Phe Ala Val Arg Asp Met Arg Gln Leu Leu Val Ala Val Gly Val
20 25 30

Ile Lys Ala Val Asp Lys Lys Ala Ala Gly Ala Gly Lys Val Thr Lys
35 40 45

Ser Ala Gln Lys Ala
50

<210> 971
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y418S"

<400> 971
Ser Leu Lys Ser Gly Asp Ala Ala Ile Val Glu Met Val Pro Gly Lys
1 5 10 15

Pro Met Cys Val Glu Ser Phe Ser Gln Ser Ser Pro Pro Leu Gly Arg
20 25 30

Phe Ala Val Arg Asp Met Arg Gln Thr Val Ala Val Gly Val Ile Lys
35 40 45

Asn Val Glu Lys
50

<210> 972
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S43G"

<400> 972
Tyr Leu Ala Asp Lys Ser Tyr Ile Glu Gly Tyr Val Pro Ser Gln Ala

1 5 10 15

Asp Val Ala Val Phe Glu Ala Val Ser Gly Gly Pro Pro Pro Ala Asp
20 25 30

Leu Cys His Ala Leu Arg Trp Tyr Asn His Ile Lys Ser Tyr Glu Lys
35 40 45

Glu Lys Ala Ser
50

<210> 973
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E673K"

<400> 973
Thr Asp Cys Asp Glu Gly Gly Glu Tyr Asp Gly Met Gln Asp Glu Pro
1 5 10 15

Arg Tyr Met Met Leu Ala Arg Glu Ala Lys Lys Met Leu Phe Thr Gly
20 25 30

Gly Tyr Gly Leu Glu Lys Asp Pro Gln Arg Ser Gly Asp Leu Tyr Thr
35 40 45

Gln Ala Ala Glu
50

<210> 974
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E265Q"

<400> 974
Met Glu Gln Gln Ile Lys Ser Glu Lys Glu Gln Phe Leu Leu Lys Asp

1 5 10 15

Thr Glu Arg Phe Gln Ala Arg Ser Gln Gln Gln Leu Glu Gln Lys Leu
20 25 30

Leu Cys Lys Glu Gln Glu Leu Glu Gln Leu Thr Gln Lys Gln Lys Arg
35 40 45

Leu Glu Gly Gln
50

<210> 975
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R379K"

<400> 975
Asn Trp Lys Gln Phe Leu Thr Ser Phe His Glu Pro Gln Gly Leu Gln
1 5 10 15

Val Ser Ser Lys Gly Pro Leu Thr Lys Lys Lys Asn Ser Ile Asn Ser
20 25 30

Arg Asn Glu Ser His Lys Glu Asn Ile Ile Thr Lys Leu Phe Arg His
35 40 45

Thr Glu Asp His
50

<210> 976
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1002K"

<400> 976
Asp Gln Ser Lys Thr Asn Tyr Ile Ser Ile Cys Lys Met Gln Glu Val

1 5 10 15

Leu Glu Glu Cys Gly Cys Ser Leu Thr Lys Lys Gly Glu Leu Thr His
20 25 30

Leu Leu Asn Ser Trp Gly Val Ser Arg His Asp Asn Ala Ile Asn Tyr
35 40 45

Leu Asp Phe Leu
50

<210> 977
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P596S"

<400> 977
Cys Thr Gly Arg Gly Pro Asp Asn Cys Ile Gln Cys Ala His Tyr Ile
1 5 10 15

Asp Gly Pro His Cys Val Lys Thr Cys Ser Ser Ala Gly Val Met Gly
20 25 30

Glu Asn Asn Thr Leu Val Trp Lys Tyr Ala Asp Ala Gly His Val Cys
35 40 45

His Leu Cys His
50

<210> 978
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P596L"

<400> 978
Cys Thr Gly Arg Gly Pro Asp Asn Cys Ile Gln Cys Ala His Tyr Ile

1 5 10 15

Asp Gly Pro His Cys Val Lys Thr Cys Leu Leu Ala Gly Val Met Gly
20 25 30

Glu Asn Asn Thr Leu Val Trp Lys Tyr Ala Asp Ala Gly His Val Cys
35 40 45

His Leu Cys His
50

<210> 979
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G598A"

<400> 979
Gly Arg Gly Pro Asp Asn Cys Ile Gln Cys Ala His Tyr Ile Asp Gly
1 5 10 15

Pro His Cys Val Lys Thr Cys Pro Ala Ala Ala Val Met Gly Glu Asn
20 25 30

Asn Thr Leu Val Trp Lys Tyr Ala Asp Ala Gly His Val Cys His Leu
35 40 45

Cys His Pro Asn
50

<210> 980
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G598V"

<400> 980
Gly Arg Gly Pro Asp Asn Cys Ile Gln Cys Ala His Tyr Ile Asp Gly

1 5 10 15

Pro His Cys Val Lys Thr Cys Pro Ala Val Val Val Met Gly Glu Asn
20 25 30

Asn Thr Leu Val Trp Lys Tyr Ala Asp Ala Gly His Val Cys His Leu
35 40 45

Cys His Pro Asn
50

<210> 981
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L62R"

<400> 981
Lys Leu Thr Gln Leu Gly Thr Phe Glu Asp His Phe Leu Ser Leu Gln
1 5 10 15

Arg Met Phe Asn Asn Cys Glu Val Val Arg Arg Gly Asn Leu Glu Ile
20 25 30

Thr Tyr Val Gln Arg Asn Tyr Asp Leu Ser Phe Leu Lys Thr Ile Gln
35 40 45

Glu Val Ala Gly
50

<210> 982
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E709K"

<400> 982
Gln Glu Arg Glu Leu Val Glu Pro Leu Thr Pro Ser Gly Glu Ala Pro

1 5 10 15

Asn Gln Ala Leu Leu Arg Ile Leu Lys Lys Lys Thr Glu Phe Lys Lys
20 25 30

Ile Lys Val Leu Gly Ser Gly Ala Phe Gly Thr Val Tyr Lys Gly Leu
35 40 45

Trp Ile Pro Glu
50

<210> 983
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G719A"

<400> 983
Pro Ser Gly Glu Ala Pro Asn Gln Ala Leu Leu Arg Ile Leu Lys Glu
1 5 10 15

Thr Glu Phe Lys Lys Ile Lys Val Leu Ala Ala Ser Gly Ala Phe Gly
20 25 30

Thr Val Tyr Lys Gly Leu Trp Ile Pro Glu Gly Glu Lys Val Lys Ile
35 40 45

Pro Val Ala Ile
50

<210> 984
<211> 65
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.ELREA746del"

<400> 984
Gly Ala Phe Gly Thr Val Tyr Lys Gly Leu Trp Ile Pro Glu Gly Glu

1 5 10 15

Lys Val Lys Ile Pro Val Ala Ile Lys Thr Ser Pro Lys Ala Asn Lys
20 25 30

Glu Ile Leu Asp Glu Ala Tyr Val Met Ala Ser Val Asp Asn Pro His
35 40 45

Val Cys Arg Leu Leu Gly Ile Cys Leu Thr Ser Thr Val Gln Leu Ile
50 55 60

Thr
65

<210> 985
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S768I"

<400> 985
Ala Ile Lys Glu Leu Arg Glu Ala Thr Ser Pro Lys Ala Asn Lys Glu
1 5 10 15

Ile Leu Asp Glu Ala Tyr Val Met Ala Ile Ile Val Asp Asn Pro His
20 25 30

Val Cys Arg Leu Leu Gly Ile Cys Leu Thr Ser Thr Val Gln Leu Ile
35 40 45

Thr Gln Leu Met
50

<210> 986
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.L838M"

<400> 986
Tyr Leu Leu Asn Trp Cys Val Gln Ile Ala Lys Gly Met Asn Tyr Leu
1   5   10   15

Glu Asp Arg Arg Leu Val His Arg Asp Met Met Ala Ala Arg Asn Val
            20   25   30

Leu Val Lys Thr Pro Gln His Val Lys Ile Thr Asp Phe Gly Leu Ala
        35   40   45

Lys Leu Leu Gly
    50

<210> 987
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L858R"

<400> 987
Leu Val His Arg Asp Leu Ala Ala Arg Asn Val Leu Val Lys Thr Pro
1   5   10   15

Gln His Val Lys Ile Thr Asp Phe Gly Arg Arg Ala Lys Leu Leu Gly
            20   25   30

Ala Glu Glu Lys Glu Tyr His Ala Glu Gly Gly Lys Val Pro Ile Lys
        35   40   45

Trp Met Ala Leu
    50

<210> 988
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.L861Q"

<400> 988
Arg Asp Leu Ala Ala Arg Asn Val Leu Val Lys Thr Pro Gln His Val
1   5   10   15

Lys Ile Thr Asp Phe Gly Leu Ala Lys Gln Gln Leu Gly Ala Glu Glu
            20   25   30

Lys Glu Tyr His Ala Glu Gly Gly Lys Val Pro Ile Lys Trp Met Ala
        35   40   45

Leu Glu Ser Ile
    50

<210> 989
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R108K"

<400> 989
Gln Glu Val Ala Gly Tyr Val Leu Ile Ala Leu Asn Thr Val Glu Arg
1   5   10   15

Ile Pro Leu Glu Asn Leu Gln Ile Ile Lys Lys Gly Asn Met Tyr Tyr
            20   25   30

Glu Asn Ser Tyr Ala Leu Ala Val Leu Ser Asn Tyr Asp Ala Asn Lys
        35   40   45

Thr Gly Leu Lys
    50

<210> 990
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R252C"

<400> 990
Ser Pro Ser Asp Cys Cys His Asn Gln Cys Ala Ala Gly Cys Thr Gly
1   5   10   15

Pro Arg Glu Ser Asp Cys Leu Val Cys Cys Cys Lys Phe Arg Asp Glu
            20   25   30

Ala Thr Cys Lys Asp Thr Cys Pro Pro Leu Met Leu Tyr Asn Pro Thr
        35   40   45

Thr Tyr Gln Met
    50

<210> 991
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A289T"

<400> 991
Cys Pro Pro Leu Met Leu Tyr Asn Pro Thr Thr Tyr Gln Met Asp Val
1   5   10   15

Asn Pro Glu Gly Lys Tyr Ser Phe Gly Thr Thr Thr Cys Val Lys Lys
            20   25   30

Cys Pro Arg Asn Tyr Val Val Thr Asp His Gly Ser Cys Val Arg Ala
        35   40   45

Cys Gly Ala Asp
    50

<210> 992
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.A289D"

<400> 992
Cys Pro Pro Leu Met Leu Tyr Asn Pro Thr Thr Tyr Gln Met Asp Val
1   5   10   15

Asn Pro Glu Gly Lys Tyr Ser Phe Gly Asp Asp Thr Cys Val Lys Lys
            20   25   30

Cys Pro Arg Asn Tyr Val Val Thr Asp His Gly Ser Cys Val Arg Ala
        35   40   45

Cys Gly Ala Asp
    50

<210> 993
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A289V"

<400> 993
Cys Pro Pro Leu Met Leu Tyr Asn Pro Thr Thr Tyr Gln Met Asp Val
1   5   10   15

Asn Pro Glu Gly Lys Tyr Ser Phe Gly Val Val Thr Cys Val Lys Lys
            20   25   30

Cys Pro Arg Asn Tyr Val Val Thr Asp His Gly Ser Cys Val Arg Ala
        35   40   45

Cys Gly Ala Asp
    50

<210> 994
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.H304Y"

<400> 994
Val Asn Pro Glu Gly Lys Tyr Ser Phe Gly Ala Thr Cys Val Lys Lys
1   5   10   15

Cys Pro Arg Asn Tyr Val Val Thr Asp Tyr Tyr Gly Ser Cys Val Arg
            20   25   30

Ala Cys Gly Ala Asp Ser Tyr Glu Met Glu Glu Asp Gly Val Arg Lys
        35   40   45

Cys Lys Lys Cys
    50

<210> 995
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q9H"

<400> 995
Met Ala Ala Ala Lys Ala Glu Met His His Leu Met Ser Pro Leu Gln
1   5   10   15

Ile Ser Asp Pro Phe Gly Ser Phe Pro His Ser Pro Thr Met Asp Asn
            20   25   30

Tyr Pro Lys
        35

<210> 996
<211> 222
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P332fs"

<400> 996
Thr Ser Tyr Gln Ser Gln Leu Ile Lys Pro Ser Arg Met Arg Lys Tyr

1 5 10 15

Pro Asn Arg Pro Ser Lys Thr Pro Pro Thr Asn Ala Leu Thr Leu Ala
20 25 30

Gln Trp Ser Pro Val Ile Ala Ala Ser Pro Ala Pro Thr Ser Ser Pro
35 40 45

Ala Thr Ser Ala Ser Thr Gln Ala Arg Ser Pro Ser Ser Ala Ala Ser
50 55 60

Ala Cys Ala Thr Ser Ala Ala Ala Thr Thr Ser Pro Pro Thr Ser Ala
65 70 75 80

Pro Thr Gln Ala Lys Ser Pro Ser Pro Ala Thr Ser Val Glu Glu Ser
85 90 95

Leu Pro Gly Ala Met Asn Ala Arg Gly Ile Pro Arg Ser Thr Cys Gly
100 105 110

Arg Arg Thr Arg Lys Gln Thr Lys Val Leu Trp Pro Leu Arg Pro Pro
115 120 125

Pro Leu Ser Leu Pro Thr Arg Pro Arg Leu Leu Pro Leu Thr Arg Pro
130 135 140

Arg Leu Leu Pro Leu Ile His Pro Arg Pro Pro Pro His Thr His Pro
145 150 155 160

Leu Cys Pro Pro Pro Ser Pro Leu Pro Ala Pro Arg Pro Thr His Pro
165 170 175

Leu Cys Thr Val Ala Ser Pro Pro Arg Arg Trp Pro Pro Arg Thr Pro
180 185 190

Leu Phe Pro Leu Leu Ser Arg Pro Arg Ser Ala Ala Ser Leu Pro Gln
195 200 205

Leu Ser Pro Thr Pro Ser Ala Pro Pro Gln Gly Phe Arg Thr
210 215 220

<210> 997
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E369K"

<400> 997
Ser Lys Thr Pro Val His Glu Arg Pro Tyr Pro Cys Pro Ala Glu Gly
1   5   10   15

Cys Asp Arg Arg Phe Ser Arg Ser Asp Lys Lys Leu Thr Arg His Ile
            20   25   30

Arg Ile His Thr Gly His Lys Pro Phe Gln Cys Arg Ile Cys Met Arg
        35   40   45

Asn Phe Ser Arg
    50

<210> 998
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R390H"

<400> 998
Ser Arg Ser Asp Glu Leu Thr Arg His Ile Arg Ile His Thr Gly His
1   5   10   15

Lys Pro Phe Gln Cys Arg Ile Cys Met His His Asn Phe Ser Arg Ser
            20   25   30

Asp His Leu Thr Thr His Ile Arg Thr His Thr Gly Glu Lys Pro Phe
        35   40   45

Ala Cys Asp Tyr
    50

<210> 999
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H397N"

<400> 999
Arg His Ile Arg Ile His Thr Gly His Lys Pro Phe Gln Cys Arg Ile
1   5   10   15

Cys Met Arg Asn Phe Ser Arg Ser Asp Asn Asn Leu Thr Thr His Ile
            20   25   30

Arg Thr His Thr Gly Glu Lys Pro Phe Ala Cys Asp Tyr Cys Gly Arg
        35   40   45

Lys Phe Ala Arg
    50

<210> 1000
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E44K"

<400> 1000
Gln Thr Val Ser Glu Gly Leu Lys Lys Leu Tyr Lys Ser Lys Leu Leu
1   5   10   15

Pro Leu Glu Glu His Tyr Arg Phe His Lys Lys Phe His Ser Pro Ala
            20   25   30

Leu Glu Asp Ala Asp Phe Asp Asn Lys Pro Met Val Leu Leu Val Gly
        35   40   45

Gln Tyr Ser Thr
    50

<210> 1001
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q704H"

<400> 1001
Leu Gln Lys Tyr Tyr Arg Gln Asn Pro Asp Ile Pro Gln Leu Glu Pro
1   5   10   15

Ser Asp Tyr Leu Lys Lys Leu Ala Ser His His Gly Asn Pro Pro Leu
            20   25   30

Lys Glu Trp Gln Ser Leu Ala Gly Ser Pro Ser Ser Lys Leu
        35   40   45

<210> 1002
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G9D"

<400> 1002
Met Pro Lys Asn Lys Gly Lys Gly Asp Asp Lys Asn Arg Arg Arg Gly
1   5   10   15

Lys Asn Glu Asn Glu Ser Glu Lys Arg Glu Leu Val Phe Lys Glu Asp
            20   25   30

Gly Gln Glu
        35

<210> 1003
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R139Q"

<400> 1003
Glu Val Thr Ile Pro Gly Glu Gly Lys Asp Arg Ile Phe Lys Val Ser

1 5 10 15

Ile Lys Trp Leu Ala Ile Val Ser Trp Gln Gln Met Leu His Glu Ala
20 25 30

Leu Val Ser Gly Gln Ile Pro Val Pro Leu Glu Ser Val Gln Ala Leu
35 40 45

Asp Val Ala Met
50

<210> 1004
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A8G"

<400> 1004
Met Ala Ala Ala Ala Ala Ala Gly Gly Gly Asp Ser Asp Ser Trp Asp
1 5 10 15

Ala Asp Ala Phe Ser Val Glu Asp Pro Val Arg Lys Val Gly Gly Gly
20 25 30

Gly Thr

<210> 1005
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R8H"

<400> 1005
Met Asn Ser Gln Pro Gln Thr His His Ser Pro Phe Phe Gln Arg Pro
1 5 10 15

Gln Ile Gln Pro Pro Arg Ala Thr Ile Pro Asn Ser Ser Pro Ser Ile

20 25 30

Arg Pro

<210> 1006
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L263F"

<400> 1006
Arg Leu Asp Asn Leu Leu Asn Met Ala Tyr Gly Val Lys Arg Phe Ser
1 5 10 15

Pro Met Thr Ile Asp Gly Met Thr Ser Phe Phe Ala Gly Ile Asn Ile
20 25 30

Pro Gly His Pro Gly Thr Gly Trp Cys Ile Phe Val Tyr Asn Leu Ala
35 40 45

Pro Asp Ala Asp
50

<210> 1007
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F305fs"

<400> 1007
Asp Ile Leu Ile His Pro Glu Leu Asn Glu Gly Leu Met Lys Trp Glu
1 5 10 15

Asn Arg His Glu Gly Val Phe Lys Phe Cys Ala Pro Arg Leu Trp Pro
20 25 30

Asn Tyr Gly Ala Lys Arg Lys Arg Thr Ala Thr

35 40

<210> 1008
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S415L"

<400> 1008
Lys Leu Thr Lys Ala Val Ser Ala Ser Ser Val Pro Ser Asn Ile His
1 5 10 15

Leu Gly Val Ala Pro Val Gly Ser Gly Leu Leu Ala Leu Thr Leu Gln
20 25 30

Thr Ile Pro Leu Thr Thr Val Leu Thr Asn Gly Pro Pro Ala Ser Thr
35 40 45

Thr Ala Pro Thr
50

<210> 1009
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T141M"

<400> 1009
Arg Lys Arg Pro Tyr Asp Ser Asp Asn Leu Gln His Glu Glu Leu Leu
1 5 10 15

Met Lys Leu Trp Asn Leu Leu Met Pro Met Met Lys Lys Leu Asn Ala
20 25 30

Arg Ile Ser Lys Gln Trp Ala Glu Ile Gly Phe Gln Gly Asp Asp Pro
35 40 45

Lys Thr Asp Phe

50

<210> 1010
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.D570H"

<400> 1010
Ile Gly Pro Glu Leu Ser Arg Arg Ile Tyr Leu Gln Met Thr Thr Leu
1 5 10 15

Gln Pro His Leu Ser Leu Asp Ser Ala His His
20 25

<210> 1011
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R27G"

<400> 1011
Ala Pro Arg Thr Leu Trp Ser Cys Tyr Leu Cys Cys Leu Leu Thr Ala
1 5 10 15

Ala Ala Gly Ala Ala Ser Tyr Pro Pro Gly Gly Gly Phe Ser Leu Tyr
20 25 30

Thr Gly Ser Ser Gly Ala Leu Ser Pro Gly Gly Pro Gln Ala Gln Ile
35 40 45

Ala Pro Arg Pro
50

<210> 1012
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K805R"

<400> 1012
Phe Ser Ala Asp Gly Lys Cys Leu Val Ser Val Gly Leu Asp Asp Phe
1 5 10 15

His Ser Ile Val Phe Trp Asp Trp Lys Arg Arg Gly Glu Lys Ile Ala
20 25 30

Thr Thr Arg Gly His Lys Asp Lys Ile Phe Val Val Lys Cys Asn Pro
35 40 45

His His Val Asp
50

<210> 1013
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R493H"

<400> 1013
Glu Glu Ser Glu Ser Thr Glu Thr Thr Gly Val Ala Phe Val Ser Phe
1 5 10 15

Val Gly Met Glu Ser Val Leu Asn Glu His His Phe Phe Lys Asp His
20 25 30

Gln Ala Pro Leu Thr Thr Ser Glu Ile Lys Leu Lys Met Asn Ser Arg
35 40 45

Val Val Gly Gly
50

<210> 1014
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R631Q"

<400> 1014
Ser His Val Gly Ile Ile Ile Ser Leu Val Cys Leu Val Leu Ala Ile
1 5 10 15

Ala Thr Phe Leu Leu Cys Arg Ser Ile Gln Gln Asn His Asn Thr Tyr
20 25 30

Leu His Leu His Leu Cys Val Cys Leu Leu Leu Ala Lys Thr Leu Phe
35 40 45

Leu Ala Gly Ile
50

<210> 1015
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S75L"

<400> 1015
Gly Phe Ser Ser Phe Ser Glu Ile Ile Thr Thr Pro Met Glu Thr Cys
1 5 10 15

Asp Asp Ile Asn Glu Cys Ala Thr Leu Leu Leu Lys Val Ser Cys Gly
20 25 30

Lys Phe Ser Asp Cys Trp Asn Thr Glu Gly Ser Tyr Asp Cys Val Cys
35 40 45

Ser Pro Gly Tyr
50

<210> 1016
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R514L"

<400> 1016
Thr Pro Glu Pro Thr Arg Lys Pro Trp Glu Arg Thr Asn Thr Met Asn
1 5 10 15

Gly Ser Lys Ser Pro Val Ile Ser Arg Leu Leu Asp Ser Pro Arg Lys
20 25 30

Asn Gln Ile Val Phe Asp Asn Arg Ser Tyr Asp Ser Leu His Arg Pro
35 40 45

Lys Ser Thr Pro
50

<210> 1017
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R373H"

<400> 1017
Pro Phe Tyr Arg Asn Gln Gln Val Gln Arg Gly Pro Arg Trp Asn Phe
1 5 10 15

Phe Ala Trp Glu Arg Lys Gln Val Ala His His Pro Gly Asn Pro Val
20 25 30

Tyr His Lys Ala Tyr Pro Pro Thr Ser Arg Gly Asn Tyr Pro Asn Tyr
35 40 45

Ala Gly Asn Pro
50

<210> 1018
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R356W"

<400> 1018
Gln Phe Glu Gln Ile Val Ala Val Tyr His Ser Ala Ser Lys Gln Lys
1 5 10 15

Ala Trp Asp His Phe Thr Lys Ala Gln Trp Trp Lys Asn Ile Ser Val
20 25 30

Trp Cys Lys Gln Ala Glu Glu Ile Arg Asn Ile His Asn Asp Glu Leu
35 40 45

Met Gly Ile Arg
50

<210> 1019
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F289C"

<400> 1019
Glu Glu Ser Val Asp Asp Lys Trp Thr Arg Thr Thr Phe Glu Lys Ser
1 5 10 15

Val Pro Met Ser Thr Tyr Leu Val Cys Cys Cys Ala Val His Gln Phe
20 25 30

Asp Ser Val Lys Arg Ile Ser Asn Ser Gly Lys Pro Leu Thr Ile Tyr
35 40 45

Val Gln Pro Glu
50

<210> 1020
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G738E"

<400> 1020
Tyr Gln Asp Phe Arg Ile Pro Leu Ser Pro Val His Lys Cys Ser Phe
1 5 10 15

Tyr Lys Asn Asn Thr Lys Val Ser Tyr Glu Glu Phe Leu Ser Pro Pro
20 25 30

Gln Leu Asn Lys Asn Ser Ser Gly Ile Tyr Ser Glu Ala Leu Leu Thr
35 40 45

Thr Asn Ile Val
50

<210> 1021
<211> 195
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G204fs"

<400> 1021
Asn Phe Ile Lys Tyr Gly Trp Val Gly Arg Trp Phe Arg Pro Arg Lys
1 5 10 15

Gly Thr Leu Gly Ala Met Asp Leu Gly Val Pro Leu Pro Arg Ser Leu
20 25 30

Leu Arg Gln Pro Val Gln Leu Arg Thr Glu Pro Ala Arg Ser Ser Cys
35 40 45

Ile Ser Thr Ala Ser Thr Thr Glu Ser Thr Pro Thr Ala Ser Ser Ala
50 55 60

Met Ala Val Thr Arg Ser Ser Arg Gly Cys Trp Pro Ala Pro Ser Arg
65 70 75 80

Pro Thr Ala Ser Thr Pro Ala Gly Arg Gly Ala Phe Pro Pro Lys Cys

85 90 95

Cys Ser Gly Met Cys Thr Ser His His Ala Pro Trp Pro Ser Gly Pro
100 105 110

Arg Thr Ser Thr Ala Val Pro Gly Ser Ala Cys Gln Gly Ala Val Thr
115 120 125

Pro Thr Ser Ala Glu Ile Trp Phe Leu Gly Ser Ser Ala Ser Pro Pro
130 135 140

Ala Pro Ser Pro Asp Ala Leu Ser Met Gly Ser Ser Ser Pro Gln Trp
145 150 155 160

Leu Gly Thr Leu Trp Pro Ser Leu Pro Ser Ser Thr Leu Trp Thr Phe
165 170 175

Cys Gly Leu Arg Trp Gly Cys Pro Trp Pro Pro Cys Ser Ser Trp Arg
180 185 190

Gln Pro Gln
195

<210> 1022
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E327K"

<400> 1022
His Thr Glu His Val Tyr Arg Val Tyr Val Thr Thr Phe Leu Gly Phe
1 5 10 15

Gly Gly Asn Phe Ala Arg Gln Arg Tyr Lys Lys Asp Leu Val Leu Asn
20 25 30

Glu Thr Leu Asn Lys Asn Arg Leu Leu Gly Gln Lys Thr Gly Leu Ser
35 40 45

Pro Asp Asn Pro
50

<210> 1023

<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.G332fs"

<400> 1023
Leu Asn Pro Thr Ala His Tyr Asn Val Phe Val Glu Val Val Leu Ala
1 5 10 15

Asp Pro Asn His Trp Arg Phe Gln Gly Ala Asn Gly
20 25

<210> 1024
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C1164Y"

<400> 1024
Tyr Lys Tyr Cys Ser Lys Leu Ser Glu Val Phe Glu Gln Glu Ile Asp
1 5 10 15

Pro Val Met Gln Ser Leu Gly Tyr Cys Tyr Tyr Gly Arg Lys Leu Glu
20 25 30

Phe Ser Pro Gln Thr Leu Cys Cys Tyr Gly Lys Gln Leu Cys Thr Ile
35 40 45

Pro Arg Asp Ala
50

<210> 1025
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D1399N"

<400> 1025
Phe Gly Met His Val Gln Glu Tyr Gly Ser Asp Cys Pro Pro Pro Asn
1   5   10   15

Gln Arg Arg Val Tyr Ile Ser Tyr Leu Asn Asn Ser Val His Phe Phe
            20   25   30

Arg Pro Lys Cys Leu Arg Thr Ala Val Tyr His Glu Ile Leu Ile Gly
        35   40   45

Tyr Leu Glu Tyr
    50

<210> 1026
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A896S"

<400> 1026
Ser Tyr Ser Ala Gly Asp Ser Gly Asp Ala Ala Ala Gln Pro Ala Phe
1   5   10   15

Thr Gly Ile Lys Gly Lys Glu Gly Ser Ser Ser Leu Thr Glu Gly Ala
            20   25   30

Lys Glu Glu Gly Gly Glu Glu Val Ala Lys Ala Val Leu Glu Gln Glu
        35   40   45

Glu Thr Ala Ala
    50

<210> 1027
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D369N"

<400> 1027
Lys Val Phe Ser Tyr His Arg Tyr Gln Arg Val Glu Met Asn Glu Asn
1   5   10   15

Ala Leu Val Glu Leu Lys Lys Leu Phe Asn Asn Ala Lys Ser Glu His
            20   25   30

Leu His Gln Thr Leu Ala Leu His Ser Tyr Thr Ser Val Leu Ser Arg
        35   40   45

Leu Gln Val Glu
    50

<210> 1028
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R2289L"

<400> 1028
Met Ala Leu Ser Ser Leu Phe Met Glu Val Leu Met Met Met Asn Asn
1   5   10   15

Ala Thr Ile Pro Thr Ala Glu Phe Leu Leu Leu Gly Ser Ile Arg Thr
            20   25   30

Trp Ile Gly Gln Lys Met His Gly Leu Val Val Leu Pro Leu Leu Thr
        35   40   45

Ala Ala Cys Gln
    50

<210> 1029
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G111V"

<400> 1029
Ile Tyr Arg Gly Glu Glu Ala Ser Arg Val His Val Glu Leu Gln Phe
1   5   10   15

Thr Val Arg Asp Cys Lys Ser Phe Pro Val Val Gly Ala Gly Pro Leu
            20   25   30

Gly Cys Lys Glu Thr Phe Asn Leu Leu Tyr Met Glu Ser Asp Gln Asp
        35   40   45

Val Gly Ile Gln
    50

<210> 1030
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A184T"

<400> 1030
Leu Val Ser Gly Ser Val Lys Leu Asn Val Glu Arg Cys Ser Leu Gly
1   5   10   15

Arg Leu Thr Arg Arg Gly Leu Tyr Leu Thr Thr Phe His Asn Pro Gly
            20   25   30

Ala Cys Val Ala Leu Val Ser Val Arg Val Phe Tyr Gln Arg Cys Pro
        35   40   45

Glu Thr Leu Asn
    50

<210> 1031
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P868fs"

<400> 1031
Glu Arg Pro Tyr Trp Asp Met Ser Gly Gln Asp Val Ile Lys Ala Val
1   5   10   15

Glu Asp Gly Phe Arg Leu Pro Pro Pro Gly Thr Val Leu Thr Phe Cys
            20   25   30

Thr Asp

<210> 1032
<211> 57
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P460fs"

<400> 1032
Asn Gln Thr Glu Pro Pro Lys Val Arg Leu Glu Gly Arg Ser Thr Thr
1   5   10   15

Ser Leu Ser Val Ser Trp Ser Ile Pro Arg Arg Ser Arg Ala Glu Cys
            20   25   30

Gly Ser Thr Arg Ser Leu Thr Ala Arg Arg Glu Thr Pro Thr Ala Thr
        35   40   45

Met Cys Ala Ala Pro Arg Val Ser Pro
    50   55

<210> 1033
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.T802R"

<400> 1033
Ala Ala Tyr Thr Thr Arg Gly Gly Lys Ile Pro Ile Arg Trp Thr Ser
1   5   10   15

Pro Glu Ala Ile Ala Tyr Arg Lys Phe Arg Arg Ser Ala Ser Asp Val
            20   25   30

Trp Ser Tyr Gly Ile Val Leu Trp Glu Val Met Ser Tyr Gly Glu Arg
        35   40   45

Pro Tyr Trp Glu
    50

<210> 1034
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D952H"

<400> 1034
Thr Thr Gly Gly Lys Ile Pro Ile Arg Trp Thr Ala Pro Glu Ala Ile
1   5   10   15

Ala Tyr Arg Lys Phe Ser Ser Ala Ser His His Ala Trp Ser Tyr Gly
            20   25   30

Ile Val Met Trp Glu Val Met Ser Tyr Gly Glu Arg Pro Tyr Trp Glu
        35   40   45

Met Ser Asn Gln
    50

<210> 1035
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R392H"

<400> 1035
Ser Gly Arg Gly Ala Cys Thr Arg Cys Gly Asp Asn Val Gln Tyr Ala
1   5   10   15

Pro Arg Gln Leu Gly Leu Thr Glu Pro His His Ile Tyr Ile Ser Asp
            20   25   30

Leu Leu Ala His Thr Gln Tyr Thr Phe Glu Ile Gln Ala Val Asn Gly
        35   40   45

Val Thr Asp Gln
    50

<210> 1036
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R337H"

<400> 1036
Lys Ala Cys Gln Ala Cys Pro Arg Gly Leu Tyr Lys Ser Ser Ala Gly
1   5   10   15

Asn Ala Pro Cys Ser Pro Cys Pro Ala His His Ser His Ala Pro Asn
            20   25   30

Pro Ala Ala Pro Val Cys Pro Cys Leu Glu Gly Phe Tyr Arg Ala Ser
        35   40   45

Ser Asp Pro Pro
    50

<210> 1037
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source

<223> /note="p.G54fs"

<400> 1037
Ala Leu Glu Glu Val Leu Leu Asp Thr Thr Gly Glu Thr Ser Glu Ile
1   5   10   15

Gly Trp Leu Thr Tyr Pro Pro Gly Gly Gly Thr Arg
            20   25

<210> 1038
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P132fs"

<400> 1038
Ile Leu Asn Arg Tyr Pro His Phe Lys Thr Lys Ile Glu Gly Leu Asp
1   5   10   15

Ile His Phe Ile His Val Lys Pro Pro Ser Cys Pro Gln Ala Ile Pro
            20   25   30

Arg Ser Pro Cys
        35

<210> 1039
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R282Q"

<400> 1039
Thr Thr Glu Asp Leu Glu Ala Tyr Ile Tyr Val Phe Ser Gln Pro Gly
1   5   10   15

Ala Leu Ser Gly Pro Ile Asn His Tyr Gln Gln Asn Ile Phe Ser Cys
            20   25   30

Leu Pro Leu Lys His His Met Val Thr Thr Pro Thr Leu Leu Leu Trp

35 40 45

Gly Glu Asn Asp
50

<210> 1040
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G2015fs"

<400> 1040
Phe Gln Ala Met Gln Lys Gln Leu Ile Glu Lys Ala Glu Ala Leu Arg
1 5 10 15

Leu Leu Glu Val Gln Val Ala Thr Gly Val Ser Ser Thr His Ser Thr
20 25 30

Thr Thr Gly Ser His Trp Lys Gln Pro Thr Asp Gly Ala Val Cys Thr
35 40 45

Arg Thr Ser Met Arg Ser Phe Pro Thr Arg Ser Thr
50 55 60

<210> 1041
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D2378H"

<400> 1041
His Ser His Arg Val Pro Val Asp Val Ala Tyr Arg Arg Gly Tyr Phe
1 5 10 15

Asp Glu Glu Met Asn Arg Val Leu Ala His His Pro Ser Asp Asp Thr
20 25 30

Lys Gly Phe Phe Asp Pro Asn Thr His Glu Asn Leu Thr Tyr Leu Gln

35 40 45

Leu Leu Gln Arg
50

<210> 1042
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V1151L"

<400> 1042
Met Tyr Pro Ala Tyr Ala Lys Trp Val Gln Ser His Arg Asp Leu Pro
1 5 10 15

Ile Lys Leu Asn Gln Trp Cys Asn Val Leu Leu Arg Trp Glu Phe Lys
20 25 30

His Pro Gln Pro Phe Leu Arg Thr Arg Glu Phe Leu Trp Gln Glu Gly
35 40 45

His Ser Ala Phe
50

<210> 1043
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L1335I"

<400> 1043
Gly Ile Thr Asn Ala Leu Ser Glu Glu Asp Lys Glu Ala Leu Ile Ala
1 5 10 15

Lys Cys Asn Asp Tyr Arg Arg Arg Leu Ile Ile Ser Val Asn Ile Arg
20 25 30

Val Arg Ala Asp Leu Arg Asp Asn Tyr Ser Pro Gly Trp Lys Phe Asn

35 40 45

His Trp Glu Leu
50

<210> 1044
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L755S"

<400> 1044
Ala Phe Gly Thr Val Tyr Lys Gly Ile Trp Ile Pro Asp Gly Glu Asn
1 5 10 15

Val Lys Ile Pro Val Ala Ile Lys Val Ser Ser Arg Glu Asn Thr Ser
20 25 30

Pro Lys Ala Asn Lys Glu Ile Leu Asp Glu Ala Tyr Val Met Ala Gly
35 40 45

Val Gly Ser Pro
50

<210> 1045
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D769Y"

<400> 1045
Glu Asn Val Lys Ile Pro Val Ala Ile Lys Val Leu Arg Glu Asn Thr
1 5 10 15

Ser Pro Lys Ala Asn Lys Glu Ile Leu Tyr Tyr Glu Ala Tyr Val Met
20 25 30

Ala Gly Val Gly Ser Pro Tyr Val Ser Arg Leu Leu Gly Ile Cys Leu

35 40 45

Thr Ser Thr Val
50

<210> 1046
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.774_775insAYVM"

<400> 1046
Ala Ile Lys Val Leu Arg Glu Asn Thr Ser Pro Lys Ala Asn Lys Glu
1 5 10 15

Ile Leu Asp Glu Ala Tyr Val Met Ala Ala Tyr Val Met Tyr Val Met
20 25 30

Ala Gly Val Gly Ser Pro Tyr Val Ser Arg Leu Leu Gly Ile Cys Leu
35 40 45

Thr Ser Thr Val Gln Leu Val Thr Gln Leu Met Pro Tyr Gly Cys Leu
50 55 60

Leu Asp
65

<210> 1047
<211> 55
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.776_776G>VC"

<400> 1047
Ala Ile Lys Val Leu Arg Glu Asn Thr Ser Pro Lys Ala Asn Lys Glu
1 5 10 15

Ile Leu Asp Glu Ala Tyr Val Met Ala Val Cys Val Cys Val Gly Ser

```
            20                  25                  30

Pro Tyr Val Ser Arg Leu Leu Gly Ile Cys Leu Thr Ser Thr Val Gln
        35                  40                  45

Leu Val Thr Gln Leu Met Pro
    50                  55
```

<210> 1048
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V842I"

<400> 1048

```
Leu Gly Ser Gln Asp Leu Leu Asn Trp Cys Met Gln Ile Ala Lys Gly
1               5                   10                  15

Met Ser Tyr Leu Glu Asp Val Arg Leu Ile Ile His Arg Asp Leu Ala
            20                  25                  30

Ala Arg Asn Val Leu Val Lys Ser Pro Asn His Val Lys Ile Thr Asp
        35                  40                  45

Phe Gly Leu Ala
    50
```

<210> 1049
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M916I"

<400> 1049

```
Leu Glu Ser Ile Leu Arg Arg Arg Phe Thr His Gln Ser Asp Val Trp
1               5                   10                  15

Ser Tyr Gly Val Thr Val Trp Glu Leu Ile Ile Thr Phe Gly Ala Lys
```

```
            20                  25                  30

Pro Tyr Asp Gly Ile Pro Ala Arg Glu Ile Pro Asp Leu Leu Glu Lys
        35                  40                  45

Gly Glu Arg Leu
    50
```

<210> 1050
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S310Y"

<400> 1050

```
Pro Glu Gly Arg Tyr Thr Phe Gly Ala Ser Cys Val Thr Ala Cys Pro
1               5                   10                  15

Tyr Asn Tyr Leu Ser Thr Asp Val Gly Tyr Tyr Cys Thr Leu Val Cys
            20                  25                  30

Pro Leu His Asn Gln Glu Val Thr Ala Glu Asp Gly Thr Gln Arg Cys
        35                  40                  45

Glu Lys Cys Ser
    50
```

<210> 1051
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S310F"

<400> 1051

```
Pro Glu Gly Arg Tyr Thr Phe Gly Ala Ser Cys Val Thr Ala Cys Pro
1               5                   10                  15

Tyr Asn Tyr Leu Ser Thr Asp Val Gly Phe Phe Cys Thr Leu Val Cys
```

20 25 30

Pro Leu His Asn Gln Glu Val Thr Ala Glu Asp Gly Thr Gln Arg Cys
35 40 45

Glu Lys Cys Ser
50

<210> 1052
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M91I"

<400> 1052
Val Leu Thr Gly His Asn Ala Asp Leu Ser Phe Leu Gln Trp Ile Arg
1 5 10 15

Glu Val Thr Gly Tyr Val Leu Val Ala Ile Ile Asn Glu Phe Ser Thr
20 25 30

Leu Pro Leu Pro Asn Leu Arg Val Val Arg Gly Thr Gln Val Tyr Asp
35 40 45

Gly Lys Phe Ala
50

<210> 1053
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V104M"

<400> 1053
Trp Ile Arg Glu Val Thr Gly Tyr Val Leu Val Ala Met Asn Glu Phe
1 5 10 15

Ser Thr Leu Pro Leu Pro Asn Leu Arg Met Met Val Arg Gly Thr Gln

20 25 30

Val Tyr Asp Gly Lys Phe Ala Ile Phe Val Met Leu Asn Tyr Asn Thr
35 40 45

Asn Ser Ser His
50

<210> 1054
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V104L"

<400> 1054
Trp Ile Arg Glu Val Thr Gly Tyr Val Leu Val Ala Met Asn Glu Phe
1 5 10 15

Ser Thr Leu Pro Leu Pro Asn Leu Arg Leu Leu Val Arg Gly Thr Gln
20 25 30

Val Tyr Asp Gly Lys Phe Ala Ile Phe Val Met Leu Asn Tyr Asn Thr
35 40 45

Asn Ser Ser His
50

<210> 1055
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D297Y"

<400> 1055
Leu Glu Pro Asn Pro His Thr Lys Tyr Gln Tyr Gly Gly Val Cys Val
1 5 10 15

Ala Ser Cys Pro His Asn Phe Val Val Tyr Tyr Gln Thr Ser Cys Val

20 25 30

Arg Ala Cys Pro Pro Asp Lys Met Glu Val Asp Lys Asn Gly Leu Lys
35 40 45

Met Cys Glu Pro
50

<210> 1056
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K692R"

<400> 1056
Asp Leu Ser Glu Lys Glu Ala Ser Leu Leu Asp Leu Lys Glu His Ala
1 5 10 15

Ser Ser Leu Ala Ser Ser Gly Leu Lys Arg Arg Asp Ser Arg Leu Lys
20 25 30

Thr Leu Glu Ile Ala Leu Glu Gln Lys Lys Glu Glu Cys Leu Lys Met
35 40 45

Glu Ser Gln Leu
50

<210> 1057
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y14C"

<400> 1057
Met Lys Leu Asn Val Asp Gly Leu Leu Val Tyr Phe Pro Cys Cys Asp
1 5 10 15

Tyr Ile Tyr Pro Glu Gln Phe Ser Tyr Met Arg Glu Leu Lys Arg Thr

20 25 30

Leu Asp Ala Lys Gly His Gly Val
35 40

<210> 1058
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N238S"

<400> 1058
Leu Asp Pro Lys Ile Ala Asp Leu Val Ser Lys Glu Leu Ala Arg Lys
1 5 10 15

Ala Val Val Val Phe Asp Glu Ala His Ser Ser Ile Asp Asn Val Cys
20 25 30

Ile Asp Ser Met Ser Val Asn Leu Thr Arg Arg Thr Leu Asp Arg Cys
35 40 45

Gln Gly Asn Leu
50

<210> 1059
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D312N"

<400> 1059
Arg Leu Val Glu Gly Leu Arg Glu Ala Ser Ala Ala Arg Glu Thr Asp
1 5 10 15

Ala His Leu Ala Asn Pro Val Leu Pro Asn Asn Glu Val Leu Gln Glu
20 25 30

Ala Val Pro Gly Ser Ile Arg Thr Ala Glu His Phe Leu Gly Phe Leu

35 40 45

Arg Arg Leu Leu
50

<210> 1060
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V780I"

<400> 1060
Ser Leu Pro Asp Lys Asn Glu Gln Val Leu Phe Cys Arg Leu Thr Asp
1 5 10 15

Glu Gln His Lys Val Tyr Gln Asn Phe Ile Ile Asp Ser Lys Glu Val
20 25 30

Tyr Arg Ile Leu Asn Gly Glu Met Gln Ile Phe Ser Gly Leu Ile Ala
35 40 45

Leu Arg Lys Ile
50

<210> 1061
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R505Q"

<400> 1061
Leu Val Phe Ser Gln Ser Arg Gln Ile Leu Asn Ile Ile Glu Arg Leu
1 5 10 15

Leu Lys Asn Arg His Phe Lys Thr Leu Gln Gln Ile Asp Gly Thr Val
20 25 30

Thr His Leu Leu Glu Arg Glu Lys Arg Ile Asn Leu Phe Gln Gln Asn

35 40 45

Lys Asp Tyr Ser
50

<210> 1062
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L445I"

<400> 1062
Leu Gly Asp Thr Ser Ile Leu Asp Asp Leu Phe Lys Ser His Gly Asn
1 5 10 15

Ser Pro Thr Gln Leu Pro Lys Lys Val Ile Ile Ser Gly Pro Met Glu
20 25 30

Lys Ala Lys Gln Arg Pro Lys Asp Phe Trp Asp Ile Leu Asn Glu Gln
35 40 45

Asn Asp Glu Ser
50

<210> 1063
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T295K"

<400> 1063
Thr Gln Asp Leu Gly Val Pro Val Met Gly Val Tyr Thr Trp His Gln
1 5 10 15

Asp Gly Leu Arg Gln Leu Pro His Leu Lys Lys Leu Ala Arg Asp Thr
20 25 30

Leu His Phe Leu Ala Leu Arg Trp Gly His Ile Arg Leu Pro Ala Ser

35 40 45

Gly Pro Arg Asp
50

<210> 1064
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A421T"

<400> 1064
Leu Leu Pro Glu Arg Pro Pro Tyr Leu Asp Lys Tyr Glu Lys Phe Phe
1 5 10 15

Arg Glu Ala Glu Glu Thr Asn Gly Gly Thr Thr Gln Ile Gln Pro Leu
20 25 30

Pro Ala Asp Cys Gly Ile Ser Ser Ala Thr Glu Lys Pro Asp Ser Lys
35 40 45

Thr Lys Met Asp
50

<210> 1065
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R300Q"

<400> 1065
Thr Leu Pro Lys Ser Pro Gln Pro Ser Val Pro Glu Gln Ser Asp Asn
1 5 10 15

Glu Leu Glu Gln Ala Gly Lys Ser Lys Gln Gln Gly Ser Ile Leu Gln
20 25 30

Leu Cys Glu Glu Ile Ala Gly Glu Ile Glu Ser Asp Asn Val Glu Val

```
        35                  40                  45

Lys Lys Glu Ser
    50
```

<210> 1066
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T99fs"

<400> 1066

```
Leu Ser Asp Ser Asp Ser Asn Leu Ser Gly Glu Asp Ser Lys Ala Leu
1               5                   10                  15

Ser Gln Lys Lys Ile Lys Lys Lys Lys Pro Arg Leu Lys Lys Lys Ser
            20                  25                  30

Ile Gln Lys Ile
        35
```

<210> 1067
<211> 113
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.PPPPPPSFPPPPPPPPGTQLPP430del"

<400> 1067

```
Gln Ser Tyr Met Asp Met Leu Asn Pro Glu Leu Gly Leu Pro Arg Gly
1               5                   10                  15

Thr Ile Gly Lys Pro Thr Pro Pro Pro Gly Tyr Pro Ala Pro Lys Pro
            20                  25                  30

Pro Val Gly Pro Gln Ala Ala Asp Ile Tyr Met Gln Thr Lys Asn Lys
        35                  40                  45

Leu Arg His Val Glu Thr Glu Ala Leu Lys Lys Glu Leu Ser Ser Cys
```

50 55 60

Asp Gly His Asp Gly Leu Arg Arg Gln Asp Ser Ser Arg Lys Pro Arg
65 70 75 80

Ala Phe Ser Lys Gln Pro Ser Thr Gly Asp Tyr Tyr Arg Gln Leu Gly
85 90 95

Arg Cys Pro Gly Glu Thr Leu Ala Ala Arg Pro Gly Met Ala His Ser
100 105 110

Glu

<210> 1068
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R627Q"

<400> 1068
Glu Glu Glu Gln Arg Trp Lys Glu Glu Glu Glu Ala Arg Leu Ala Ser
1 5 10 15

Met Pro Ala Trp Arg Trp Asp Leu Leu Gln Gln Lys Lys Leu Glu Glu
20 25 30

Glu

<210> 1069
<211> 91
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H64fs"

<400> 1069
Pro Leu Tyr Leu Ala Cys Gln Glu Gly His Leu Glu Val Thr Gln Tyr

1 5 10 15

Leu Val Gln Glu Cys Gly Ala Asp Pro Arg Pro Arg Arg His Asp Pro
20 25 30

Thr Ala Arg Arg Gly Ala Asp Gly Pro Gln Pro Gly His Arg Val Val
35 40 45

Gly Glu Leu His Arg Arg Glu Pro Val Gly Ala Gly Gln Arg Arg Arg
50 55 60

His Arg His Ala Leu Arg Gly Glu Pro Arg Pro Gln Gln Gly Ala Gln
65 70 75 80

Leu Ala Ala Ala Ala Arg Arg Gly Asp Leu Gly
85 90

<210> 1070
<211> 114
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.296_317PPPPSFPPPPPPPPGTQLPPPPP>P"

<400> 1070
Gln Ser Tyr Met Asp Met Leu Asn Pro Glu Leu Gly Leu Pro Trp Gly
1 5 10 15

Thr Ile Gly Lys Pro Ile Pro Pro Pro Pro Ser Tyr Pro Ser Pro Lys
20 25 30

Pro Pro Val Gly Pro Gln Ala Ala Asp Ile Tyr Met Gln Thr Lys Asn
35 40 45

Lys Leu Arg His Val Glu Thr Glu Ala Leu Lys Lys Glu Pro Ser Ser
50 55 60

Cys Asp Gly His Asp Gly Leu Arg Arg Gln Asp Ser Ser Arg Lys Pro
65 70 75 80

Arg Ala Phe Ser Lys Gln Pro Ser Thr Gly Asp Tyr Tyr Arg Gln Leu
85 90 95

Gly Arg Cys Pro Gly Glu Thr Leu Val Ala Arg Pro Gly Met Ala His

100 105 110

Arg Glu

<210> 1071
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D219N"

<400> 1071
Val Asn Ala Leu Val Ser His Leu Leu Val Val Glu Pro Glu Lys Leu
1 5 10 15

Tyr Ala Met Pro Asp Pro Ala Gly Pro Asn Asn Gly His Leu Pro Ala
20 25 30

Val Ala Thr Leu Cys Asp Leu Phe Asp Arg Glu Ile Val Val Thr Ile
35 40 45

Ser Trp Ala Lys
50

<210> 1072
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R816W"

<400> 1072
Leu Gln Val Asn Ser Leu Ile Gln Thr Gln Lys Ser Ala Glu Leu Ala
1 5 10 15

Ala Ala Leu Leu Ser Ile Tyr Met Glu Trp Trp Ala Glu Asp Leu Pro
20 25 30

Leu Arg Lys Gly Thr Lys His Leu Ser Pro Tyr Ala Thr Leu Thr Val

35 40 45

Gly Asp Ser Ser
50

<210> 1073
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S574F"

<400> 1073
Gln Ile Leu Pro Tyr Ala Asp Leu Thr Leu Glu Gln Arg Phe Gln Leu
1 5 10 15

Asp His Ser Gly Leu Asp Ser Leu Ile Phe Phe Met Arg Leu Val Leu
20 25 30

Arg Phe Leu Gln Val Glu Glu Arg Glu Leu Gly Ser Pro Tyr Thr Gly
35 40 45

Pro Glu Ala Leu
50

<210> 1074
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I281F"

<400> 1074
Leu Tyr Lys Lys Phe Asp Leu Arg Ala Asn Cys Glu Pro Gln Thr Tyr
1 5 10 15

Gly Ile Gly Leu Lys Glu Leu Trp Val Phe Phe Asp Glu Lys Asn Trp
20 25 30

Lys Pro Gly Arg Val Asp His Thr Val Gly Trp Pro Leu Asp Arg His

35 40 45

Thr Tyr Gly Gly
50

<210> 1075
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R369W"

<400> 1075
Tyr Val Tyr Gln Leu Leu Ser Asp Ser Arg Tyr Glu Asn Phe Ile Arg
1 5 10 15

Trp Glu Asp Lys Glu Ser Lys Ile Phe Trp Trp Ile Val Asp Pro Asn
20 25 30

Gly Leu Ala Arg Leu Trp Gly Asn His Lys Asn Arg Thr Asn Met Thr
35 40 45

Tyr Glu Lys Met
50

<210> 1076
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R588C"

<400> 1076
Gln His Asn Cys Gly Thr Pro Leu Pro Val Ser Ser Glu Lys Asp Met
1 5 10 15

Ile Arg Gln Met Met Ile Lys Ile Phe Cys Cys Cys Ile Glu Pro Glu
20 25 30

Leu Asn Asn Leu Ile Ala Leu Gly Asp Lys Ile Asp Ser Phe Asn Ser

35 40 45

Leu Tyr Met Leu
50

<210> 1077
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R11P"

<400> 1077
Met Ala Met Glu Met Arg Leu Pro Val Ala Pro Pro Lys Pro Leu Ser
1 5 10 15

Glu Arg Leu Gly Arg Asp Thr Lys Lys His Leu Val Val Pro Gly Asp
20 25 30

Thr Ile Thr Thr Asp
35

<210> 1078
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L160fs"

<400> 1078
Cys Asp Leu Ile Cys Leu Asp Tyr Asp Gly Asn Ile Leu Asp Ala Cys
1 5 10 15

Thr Phe Ala Leu Leu Ala Ala Leu Lys Met Tyr Ser Cys Leu Lys Leu
20 25 30

Leu

<210> 1079

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K510R"

<400> 1079
Val Asp Thr Pro Pro Arg Lys Lys Lys Arg Lys His Arg Leu Trp Ala
1 5 10 15

Ala His Cys Arg Lys Ile Gln Leu Lys Arg Arg Asp Gly Ser Ser Asn
20 25 30

His Val Tyr Asn Tyr Gln Pro Cys Asp His Pro Arg Gln Pro Cys Asp
35 40 45

Ser Ser Cys Pro
50

<210> 1080
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y641F"

<400> 1080
Leu Ala Pro Ser Asp Val Ala Gly Trp Gly Ile Phe Ile Lys Asp Pro
1 5 10 15

Val Gln Lys Asn Glu Phe Ile Ser Glu Phe Phe Cys Gly Glu Ile Ile
20 25 30

Ser Gln Asp Glu Ala Asp Arg Arg Gly Lys Val Tyr Asp Lys Tyr Met
35 40 45

Cys Ser Phe Leu
50

<210> 1081

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E117K"

<400> 1081
Thr Ser Pro Cys Gln Asn Gln Gly Lys Cys Lys Asp Gly Leu Gly Glu
1 5 10 15

Tyr Thr Cys Thr Cys Leu Glu Gly Phe Lys Lys Gly Lys Asn Cys Glu
20 25 30

Leu Phe Thr Arg Lys Leu Cys Ser Leu Asp Asn Gly Asp Cys Asp Gln
35 40 45

Phe Cys His Glu
50

<210> 1082
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q426L"

<400> 1082
Asp Glu Ser Phe Thr Lys His Thr Val Asn Pro Asn Met Lys Glu Asp
1 5 10 15

Gly Ile Leu Gly Pro Ile Ile Arg Ala Leu Leu Val Arg Asp Thr Leu
20 25 30

Lys Ile Val Phe Lys Asn Met Ala Ser Arg Pro Tyr Ser Ile Tyr Pro
35 40 45

His Gly Val Thr
50

<210> 1083

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L1332P"

<400> 1083
Leu Ser Gln Thr Asn Leu Ser Pro Ala Leu Gly Gln Met Pro Ile Ser
1 5 10 15

Pro Asp Leu Ser His Thr Thr Leu Ser Pro Pro Asp Phe Ser Gln Thr
20 25 30

Asn Leu Ser Pro Glu Leu Ser Gln Thr Asn Leu Ser Pro Ala Leu Gly
35 40 45

Gln Met Pro Leu
50

<210> 1084
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S2269Y"

<400> 1084
Asn Pro Lys Glu Trp Leu Gln Val Asp Phe Gln Lys Thr Met Lys Val
1 5 10 15

Thr Gly Val Thr Thr Gln Gly Val Lys Tyr Tyr Leu Leu Thr Ser Met
20 25 30

Tyr Val Lys Glu Phe Leu Ile Ser Ser Ser Gln Asp Gly His Gln Trp
35 40 45

Thr Leu Phe Phe
50

<210> 1085

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D75H"

<400> 1085
Ser Ser Ser Arg Ile Asn Ile Pro Glu Arg Ala Ser Gly Pro Glu Gly
1 5 10 15

Asn Leu Asn Gln Ile Val Thr Glu Pro His His Ala Asn Phe Pro Gln
20 25 30

Phe Leu His Glu Gly Leu Ser Lys Pro Val Tyr Val Ile Asn Trp Phe
35 40 45

Met Ser Phe Gly
50

<210> 1086
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H126N"

<400> 1086
Ala Arg Glu Trp Lys Gly Glu Thr Pro Arg Asn Lys Leu Met Arg Lys
1 5 10 15

Ala Tyr Glu Glu Leu Phe Trp Arg His Asn Asn Ile Lys Cys Val Arg
20 25 30

Gln Val Arg Arg Asp Asn Tyr Asp Ala Leu Arg Ser Val Leu Phe Gln
35 40 45

Ile Phe Ser Gln
50

<210> 1087

<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.GGG156del"

<400> 1087
Leu Ser Arg Ala Ser Phe Asp Tyr Leu Arg Leu Val Val Arg Glu Leu
1 5 10 15

Glu Gln Gln Leu Ala Ala Val Arg Gly Met Ala Leu Pro Gln Pro Gln
20 25 30

Pro Gln Ser Leu Pro Leu Pro Pro Ser Leu Pro Ser Ala Leu Ala Pro
35 40 45

Val Pro Ser Leu Pro Ser Ala Pro Ala Pro Val
50 55

<210> 1088
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S269fs"

<400> 1088
Lys Ile Tyr Gly Lys Gln Ser Met Val Asp Glu Val Ser Gly Lys Val
1 5 10 15

Leu Glu Met Asp Ile Ser Lys Lys Lys His Tyr Asn Arg Lys Ile Ser
20 25 30

Ile Lys Lys Leu Asn Arg Met Lys Val Pro Leu Met Lys Leu Ile Thr
35 40 45

Arg Val
50

<210> 1089

<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.L441fs"

<400> 1089
Ile Lys Gln Leu Gln Lys Gly Val Gln Gln Lys Arg Pro Ser Glu Ala
1 5 10 15

Gln Ser Val Ile Leu Arg Arg Tyr Phe Trp Asn
20 25

<210> 1090
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P467H"

<400> 1090
Asp Ser Glu Pro Arg Gln Glu Val Pro Met Tyr Thr Gly Ser Glu Pro
1 5 10 15

Arg Gln Glu Val Pro Met Tyr Thr Gly His His Glu Ser Arg Gln Glu
20 25 30

Val Pro Met Tyr Thr Gly Pro Glu Ser Arg Gln Glu Val Leu Ile Arg
35 40 45

Thr Asp Pro Glu
50

<210> 1091
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R382H"

<400> 1091
Leu Ser Ser Gln Pro Ile Gly Thr Lys Pro Ser Ser Ser Ser Gln Arg
1   5   10   15

Gly Ser Leu Arg Lys Val Ala Thr Gly His His Ser Ala Lys Asp Lys
            20   25   30

Glu Thr Ala Ser Ala Ile Lys Ser Ser Glu Ser Pro Arg Asp Ser Val
        35   40   45

Val Arg Lys Gln
    50

<210> 1092
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F52L"

<400> 1092
Ile Pro Phe Pro Glu Thr Phe Asp Gly Asp Thr Asp Arg Leu Pro Glu
1   5   10   15

Phe Ile Val Gln Thr Ser Ser Tyr Met Leu Leu Val Asp Glu Asn Thr
            20   25   30

Phe Ser Asn Asp Ala Leu Lys Val Thr Phe Leu Ile Thr Arg Leu Thr
        35   40   45

Gly Pro Ala Leu
    50

<210> 1093
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S645R"

<400> 1093
Lys Gly Ile Asp Gln Glu Gly Lys Met Val Leu Leu Ser Leu Lys Leu
1   5   10   15

Thr Pro Ser Glu Pro Cys Asp Pro Leu Arg Arg Ser Thr Leu Arg Glu
            20   25   30

Pro Leu Asp Ile Arg Ser Ser Leu Lys Asp Ser His Thr Glu Glu Gln
        35   40   45

Glu Glu Leu Ser
    50

<210> 1094
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L648M"

<400> 1094
Asp Gln Glu Gly Lys Met Val Leu Leu Ser Leu Lys Leu Thr Pro Ser
1   5   10   15

Glu Pro Cys Asp Pro Leu Ser Ser Thr Met Met Arg Glu Pro Leu Asp
            20   25   30

Ile Arg Ser Ser Leu Lys Asp Ser His Thr Glu Glu Gln Glu Glu Leu
        35   40   45

Ser Val Leu Ser
    50

<210> 1095
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R884H"

<400> 1095
Gly His Cys Leu Pro Asp Gly Arg Thr Glu Asn Thr Pro Gly Val Glu
1   5   10   15

Thr Lys Gly Leu Asn Leu Lys Ile Pro His His Val Ile Ala Leu Glu
            20   25   30

Asn Pro Arg Thr Arg Ser Leu His Arg Ala Leu Glu Glu Thr Pro Lys
        35   40   45

Gly Met Pro Lys
    50

<210> 1096
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.W240C"

<400> 1096
Gly Tyr Cys Lys Pro Thr Ser Ser Glu Gly Ser Phe Tyr Ile Thr Ser
1   5   10   15

Glu Asn Cys Met Gln His Ala His Lys Cys Cys His Arg Asp Leu Cys
            20   25   30

Leu Leu Leu Leu His Ala Tyr Arg Gly Leu Arg Leu His Phe Leu Val
        35   40   45

Ile Met Arg Asp
    50

<210> 1097
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q285H"

<400> 1097
Leu Val Ile Met Arg Asp Ile Pro Glu Leu Pro His Thr Glu Leu Glu
1   5   10   15

Ala Leu Ala Val Glu Glu Thr Leu Ser His His Leu Cys Ser Glu Leu
            20   25   30

Gln Met Leu Asn Asn Pro Glu Lys Ile Ala Glu Gln Ile Ser Lys Asp
        35   40   45

Leu Ala Trp Leu
    50

<210> 1098
<211> 67
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P117fs"

<400> 1098
Leu Glu Ala Asp Val Asn Val Glu Gly Leu Gly Thr Ala Asn Glu Thr
1   5   10   15

Gly Val Pro Ile Met Ala His Pro Pro Leu Ser Thr Val Thr Thr His
            20   25   30

Trp Ser Ser Gly Trp Thr Leu Cys Trp Ala Leu Pro Lys Arg Ala Ser
        35   40   45

Asn Trp Thr Ser Arg Thr Ser Arg Gln Trp Ala Pro Pro Trp Thr Ser
    50   55   60

Cys Gly Ser
65

<210> 1099
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q95R"

<400> 1099
Lys Glu His Gln Gln Gln Gln Arg Gln Gln Gln Gln Gln Gln Gln Gln
1 5 10 15

Gln Arg Gln Arg Gln Gln Gln Gln Gln Arg Arg Arg Arg Gln Gln Glu
20 25 30

Pro Ser Trp Pro Ala Leu Leu Ala Ser Met Gly Glu Ser Ser Pro Ala
35 40 45

Ala Gln Ala His
50

<210> 1100
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E158K"

<400> 1100
Val Cys Gly Gly Val Pro Glu Pro Thr Gly Leu Asp Ala Ala Cys Thr
1 5 10 15

Lys Leu Gln Ser Leu Gln Arg Leu Phe Lys Lys Pro Thr Thr Pro Ala
20 25 30

Pro Pro Leu Arg Pro Pro Asp Ser Leu Ser Arg Ala Pro Ala Glu Phe
35 40 45

Pro Ser Ala Lys
50

<210> 1101
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K165N"

<400> 1101
Asn Asp Arg Pro Arg Gln Pro Ala Pro Gly Asp Gly Ser Lys Glu Arg
1 5 10 15

Met Cys Gly Glu Glu Leu Glu Asp Thr Asn Asn Asp Asp Pro Glu Cys
20 25 30

Gly Val Glu Glu Glu Asp Ala Gly Leu Ala Gly Gln Pro Pro Gly Lys
35 40 45

Leu Thr Arg Ser
50

<210> 1102
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E56K"

<400> 1102
Asp Ala Leu Gln Pro Gly Ser Thr Arg Val Ala Lys Gly Trp Ser Gln
1 5 10 15

Gly Val Gly Glu Val Thr Ser Thr Ser Lys Lys Tyr Cys Ser Cys Val
20 25 30

Ser Ser Ser Arg Lys Leu Ile His Ser Gly Ile Gln Arg Ile His Arg
35 40 45

Asp Ser Pro Gln
50

<210> 1103
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D459N"

<400> 1103
Ser Tyr Ser Pro Gln Lys Lys Glu Pro Ser Lys Ala Glu Thr Glu Glu
1 5 10 15

Arg Val Ser Met Val Lys Thr Arg Asp Asn Asn Phe Lys Ile Tyr Asn
20 25 30

Glu Asp Val Ser Phe Leu Ser Val Asn Gln Asn Asn Tyr Ser Arg Asn
35 40 45

Pro Thr Gln Ser
50

<210> 1104
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A831T"

<400> 1104
Gln Val Phe Asp Ala Phe Thr Pro Arg Leu Gln Asp Ser Asn Lys Lys
1 5 10 15

Val Asn Gln Trp Ala Leu Glu Ser Phe Thr Thr Lys Met Ile Pro Leu
20 25 30

Leu Arg Glu Ser Leu His Pro Met Leu Leu Ser Ile Ile Ile Thr Val
35 40 45

Ala Asp Asn Leu
50

<210> 1105
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R109H"

<400> 1105
Lys Ala Ala Leu Asp Lys Ser Ala Pro Cys Arg Arg Ser Val Asp His
1 5 10 15

Arg Lys Tyr Leu Gln Lys Gln Leu Lys His His Phe Ser Gln Lys Tyr
20 25 30

Ser Arg Leu Pro Arg Gly Leu Pro Gly Arg Ala Ala Glu Pro Tyr Leu
35 40 45

Lys Arg Gly Ser
50

<210> 1106
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R784W"

<400> 1106
Arg Ala Leu Gly Arg Gln Gln Ala Ser Ser Gln Cys Pro Gly Asp Ser
1 5 10 15

Lys Asp His Ile Ile Ala Thr Glu Glu Trp Trp Gly Gly Pro Gly Gln
20 25 30

Ala Gly Ser Pro Pro Gly Ala Ala Gly Gln Gly Ser Gly Glu Gly Cys
35 40 45

Gly Leu Trp Glu
50

<210> 1107
<211> 86
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.IPPQAQELEIPL1556del"

<400> 1107
Leu Ile Pro Pro Gln Ala Gln Glu Leu Gly Ile Pro Leu Thr Pro Gln
1 5 10 15

Gln Val Gln Ala Leu Gly Ile Pro Leu Thr Pro Gln Gln Ala Gln Ala
20 25 30

Leu Gly Ile Pro Leu Thr Pro Gln Gln Ala Gln Glu Leu Gly Ile Pro
35 40 45

Leu Thr Pro Gln Gln Ala Gln Glu Leu Gly Ile Pro Leu Thr Pro Gln
50 55 60

Gln Ala Gln Ala Gln Gly Ile Pro Leu Thr Pro Gln Gln Ala Gln Ala
65 70 75 80

Leu Gly Ile Ser Leu Thr
85

<210> 1108
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C51Y"

<400> 1108
Pro Arg Lys Ala Lys Ile Arg His Pro Val Ala Ser Phe Phe His Leu
1 5 10 15

Phe Phe Arg Val Ser Ala Ile Ile Val Tyr Tyr Leu Leu Cys Glu Leu
20 25 30

Leu Ser Ser Ser Phe Ile Thr Cys Met Val Thr Ile Ile Leu Leu Leu
35 40 45

Ser Cys Asp Phe

50

<210> 1109
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.D428fs"

<400> 1109
Asn Tyr Arg Arg Arg Cys Ala Cys Asp Asp Cys Ser Leu Ser His Ile
1 5 10 15

Leu Thr Cys Gly Ile Met Asp Pro Pro Arg His
20 25

<210> 1110
<211> 105
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D428fs"

<400> 1110
Asn Tyr Arg Arg Arg Cys Ala Cys Asp Asp Cys Ser Leu Ser His Ile
1 5 10 15

Leu Thr Cys Gly Ile Met Asp Pro Pro Ser Leu Met Thr Ser Thr Phe
20 25 30

Thr Ser Ser His Phe Lys Trp Ile Leu Leu Leu Thr Ile Leu Leu Arg
35 40 45

Gly Ala Arg Pro Val Cys His Leu Gln Ala Arg Gly Pro Ala Pro Ala
50 55 60

Leu Pro Ser Gln Phe Ser Ser Thr Pro Gly Ser Ser Ser Gln Thr Val
65 70 75 80

Ala Arg His Gln Leu Phe Val Val Met Met Lys Met Leu His His Cys

85 90 95

Gln Pro Asn Leu Leu Ile Phe Ile His
100 105

<210> 1111
<211> 68
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.EEEEYL135del"

<400> 1111
Ile Glu Glu Glu Glu Tyr Leu Gly Lys Glu Gly Tyr Leu Glu Glu Glu
1 5 10 15

Glu Tyr Leu Gly Lys Glu Glu His Leu Gly Lys Glu Gly Tyr Leu Glu
20 25 30

Lys Glu Asp Tyr Ile Glu Glu Val Asp Tyr Leu Gly Lys Lys Ala Tyr
35 40 45

Leu Glu Glu Glu Glu Tyr Leu Gly Lys Lys Ser Tyr Leu Glu Glu Glu
50 55 60

Lys Ala Leu Glu
65

<210> 1112
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y139H"

<400> 1112
Glu Tyr Leu Gly Lys Glu Gly Tyr Leu Glu Glu Glu Glu Tyr Leu Gly
1 5 10 15

Lys Glu Glu His Leu Glu Glu Glu Glu His His Leu Gly Lys Glu Gly

20 25 30

Tyr Leu Glu Lys Glu Asp Tyr Ile Glu Glu Val Asp Tyr Leu Gly Lys
35 40 45

Lys Ala Tyr Leu
50

<210> 1113
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L112F"

<400> 1113
Gln Gln Leu Lys Lys Ile Phe Gln Glu Tyr Gly Thr Val Gly Val Ser
1 5 10 15

Leu His Ile Gly Ile Ser Leu Ile Ser Phe Phe Gly Ile Phe Tyr Met
20 25 30

Val Val Ser Ser Gly Val Asp Met Pro Ala Ile Leu Leu Lys Leu Gly
35 40 45

Phe Lys Glu Ser
50

<210> 1114
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A42fs"

<400> 1114
Gly Pro Ser Gln Pro Pro Val Arg Gln Gly Ala Leu Gln Gly Gly Leu
1 5 10 15

Leu Met Gly Tyr Ser Pro Ala Gly Gly Arg His Pro Pro Gly Ser Thr

20 25 30

Arg Tyr Pro Ser Phe Pro Leu Arg Leu Val Pro Leu Ser Leu Ile Gly
35 40 45

Pro

<210> 1115
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P36S"

<400> 1115
Arg Gly Leu Gly Ala Ala Glu Met Pro Gly Gln Gly Pro Gly Ser Asp
1 5 10 15

Trp Thr Glu Arg Ser Ser Ser Ala Glu Ser Ser Pro Ala Val Ala Gly
20 25 30

Thr Glu Gly Gly Gly Gly Gly Ser Ala Gly Tyr Ser Cys Tyr Gln Asn
35 40 45

Ser Lys Gly Ser
50

<210> 1116
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1231S"

<400> 1116
Asp Met Asp Asp Ile Phe Ser Ser Gly Ile Gln Ala Lys Thr Thr Lys
1 5 10 15

Pro Lys Ser Arg Ser Ala Gln Ala Ala Ser Ser Glu Pro Arg Phe Glu

20 25 30

His Lys Val Ser Asn Ile Phe Asp Asp Pro Leu Asn Ala Phe Gly Gly
35 40 45

Gln

<210> 1117
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P690fs"

<400> 1117
Pro Gly Gly Arg Gly Pro Gln Gly Ala Leu Gln Ser Pro Ser Ala Gln
1 5 10 15

Lys Arg Gly Leu Ser Pro Ser Pro Ser Cys Gln Gln Val Gln Glu Ala
20 25 30

Thr Ser Leu Trp Lys Pro Ile Pro Cys
35 40

<210> 1118
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S691del"

<400> 1118
Ser Pro Gly Gly Arg Gly Pro Gln Gly Ala Leu Gln Ser Pro Ser Ala
1 5 10 15

Gln Lys Arg Gly Leu Ser Pro Ser Pro Pro Ala Ser Lys Ser Lys Lys
20 25 30

Arg Pro Leu Phe Gly Ser Pro Ser Pro Ala Glu Lys Thr Pro His Pro

35 40 45

Gly Pro Gly Leu Arg
50

<210> 1119
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K9R"

<400> 1119
Met Glu Ala Tyr Glu Gln Val Gln Arg Arg Gly Pro Leu Lys Leu Lys
1 5 10 15

Gly Val Ala Glu Leu Gly Val Thr Lys Arg Lys Lys Lys Lys Lys Asp
20 25 30

Lys Asp Lys
35

<210> 1120
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R740C"

<400> 1120
Leu Gln Thr Lys Tyr Leu Gly Arg Gln Trp Arg Lys Ser Asn Met Lys
1 5 10 15

Thr Met Ser Ala Ile Tyr Gln Lys Val Cys Cys His Arg Met Asn Asp
20 25 30

Asp Trp Ala Tyr Gly Asn Asp Ile Asp Ala Arg Pro Trp Asp Phe Gln
35 40 45

Ala Glu Glu Cys

50

<210> 1121
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H416R"

<400> 1121
Arg Pro Pro Gly Thr Asp Gly Val Val Pro Ala Thr Val Asn Tyr Tyr
1 5 10 15

Val Thr Pro Val Gln Pro Leu Leu Ala Arg Arg Ala Tyr Pro Thr Trp
20 25 30

Leu Pro Cys Asn
35

<210> 1122
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G372W"

<400> 1122
Gly Ser Ser Leu Arg Ser Glu Pro Ser Glu Thr Gly Val Ser Arg Leu
1 5 10 15

Arg Leu Ala Pro Pro Lys Thr Arg Arg Trp Trp Ser Ser Leu His Ala
20 25 30

Glu Pro Ser Lys Thr Gly Val Ser His Leu Ser Pro Glu Pro Pro Lys
35 40 45

Thr Glu Val Ser
50

<210> 1123

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R690L"

<400> 1123
Glu Asp Lys Phe Phe Ser Gln Glu Lys Tyr Trp Gly Arg Lys Phe His
1 5 10 15

Thr Pro Ser Asn Ser Tyr Thr Ala Gln Leu Leu Val Lys Met Lys Tyr
20 25 30

Gly Ala Trp Tyr Leu Lys Pro Lys Leu Trp Lys Lys Leu Arg Ser Asp
35 40 45

Glu Pro Leu Ile
50

<210> 1124
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L567F"

<400> 1124
Gln Arg Gly Arg Ile Arg Tyr Gly Pro Trp Tyr Phe Glu Pro Lys Leu
1 5 10 15

Gly Lys Lys Leu Arg Ser Asp Glu Pro Phe Phe Ile Asp Pro Lys Pro
20 25 30

Val Leu Glu Lys Pro Asp Glu Pro Asp Ile Leu Asp Gly Leu Tyr Gly
35 40 45

Pro Ile Ala Phe
50

<210> 1125

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.W163C"

<400> 1125
Gly Lys Asp Met Pro Pro Asp Leu Leu Leu Gln Val Leu Lys Gln Leu
1 5 10 15

Asp Pro Glu Arg Lys Leu Glu Asp Ala Cys Cys Ala Arg Cys Glu Ala
20 25 30

Arg Glu Lys Thr Thr Glu Val Pro Thr Glu Ser Gly Lys Tyr Pro Cys
35 40 45

Gly Glu Ser Cys
50

<210> 1126
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P388S"

<400> 1126
Val Ser Pro Leu Arg Gln Leu Pro Pro Glu Ala Gly Val Ser His Leu
1 5 10 15

Cys Pro Glu Pro Pro Lys Thr Arg Val Ser Ser Pro Leu Arg Pro Glu
20 25 30

Thr Pro Lys Asn Gly Val Ser Pro Leu Phe Pro Glu Pro Pro Lys Thr
35 40 45

Arg Ile Ser Asn
50

<210> 1127

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I499V"

<400> 1127
Ile Ser Ser Gly Asn Ser Phe Pro Pro Gln Gln Ala Gly Ser Pro Leu
1 5 10 15

Lys Arg Pro Phe Ser Ala Ala Ala Ala Val Val Ala Ala Ala Ala Ala
20 25 30

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Pro Ala Pro
35 40 45

Ala Leu Ala Ala
50

<210> 1128
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A516P"

<400> 1128
Arg Pro Phe Ser Ala Ala Ala Ala Ile Ala Ala Ala Ala Ala Ala Ala
1 5 10 15

Ala Ala Ala Ala Ala Ala Ala Ala Ala Pro Pro Ala Pro Ala Pro Ala
20 25 30

Leu Ala Ala Ala Ala Ala Pro Ala Leu Ala Ala Ala Ala Ala Pro Ala
35 40 45

Leu Ala Ala Ala
50

<210> 1129

<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H317R"

<400> 1129
Ser Asp Ala Thr Val Glu Lys Asp Glu Ser His Ala Gly Lys Val Val
1 5 10 15

Leu Arg Ser Trp Tyr Glu Lys Asn Lys Arg Arg Ile Phe Pro Ala Ser
20 25 30

Arg Trp Glu Pro Tyr Asp Pro Glu Lys Lys Trp Asp Lys Tyr Thr Ile
35 40 45

Arg

<210> 1130
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A70T"

<400> 1130
Leu Gly Met Gln Ser Ile Pro Ile Ala Thr Ala Cys Thr Ile Tyr Pro
1 5 10 15

Lys Phe Phe Cys Glu Thr Ile Leu Asp Thr Thr Phe Asp Pro Tyr Leu
20 25 30

Ile Ala Met Ser Ser Ile Tyr Leu Ala Gly Lys Val Glu Glu Gln Pro
35 40 45

Leu Trp Ala His
50

<210> 1131

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R402C"

<400> 1131
Ala Gly Leu Lys Val Leu Phe Lys Lys Thr His Arg Ile Leu Arg Arg
1 5 10 15

Leu Phe Asn Leu Cys Lys Arg Cys His Cys Cys Gln Pro Arg Phe Arg
20 25 30

Leu Pro Lys Glu Arg Ser Leu Ser Tyr Trp Trp Asn Arg Ile Gln Ser
35 40 45

Leu Leu Tyr Cys
50

<210> 1132
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S425W"

<400> 1132
Trp Leu Thr Arg Ile Gln Ser Phe Leu Tyr Cys Asn Glu Asn Gly Leu
1 5 10 15

Leu Gly Ser Phe Ser Glu Glu Thr His Trp Trp Cys Thr Cys Pro Asn
20 25 30

Asp Gln Val Val Cys Thr Ala Phe Leu Pro Cys Thr Val Gly Asp Ala
35 40 45

Ser Ala Cys Leu
50

<210> 1133

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R457G"

<400> 1133
Gln Val Val Cys Thr Ala Phe Leu Pro Cys Thr Val Gly Asp Ala Ser
1 5 10 15

Ala Cys Leu Thr Cys Ala Pro Asp Asn Gly Gly Thr Arg Cys Gly Thr
20 25 30

Cys Asn Thr Gly Tyr Met Leu Ser Gln Gly Leu Cys Lys Pro Glu Val
35 40 45

Ala Glu Ser Thr
50

<210> 1134
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S19L"

<400> 1134
Met Gln Pro Pro Val Pro Gly Pro Leu Gly Leu Leu Asp Pro Ala Glu
1 5 10 15

Gly Leu Leu Leu Arg Arg Lys Lys Thr Ser Leu Trp Phe Val Gly Ser
20 25 30

Leu Leu Leu Val Ser Val Leu Ile Val Thr Val Gly Leu
35 40 45

<210> 1135
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P277T"

<400> 1135
Gly Phe Arg Leu Thr Pro Glu Pro Val Pro Thr Cys Ser Ser Tyr Pro
1 5 10 15

Leu Pro Leu Gln Pro Cys Ser Arg Phe Thr Thr Val Ala Pro Ser Ser
20 25 30

Ala Leu Ala Ser Ser Glu Asp Leu Gln Pro Pro Ser Pro Ser Ser Ser
35 40 45

Gly Ser Gly Leu
50

<210> 1136
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H445D"

<400> 1136
Pro Ser Ala Glu Val Trp Asn Glu Asn Lys Glu Arg Arg Glu Lys Lys
1 5 10 15

Asp Arg His Pro Ser Arg Lys Ser Ser Asp Asp His Arg Lys Ala Gly
20 25 30

Glu Ser His Arg Arg Arg Ala Gly Asp Lys Asn Gln Lys Ala Ser Ser
35 40 45

His Arg Ser Ala
50

<210> 1137
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L583M"

<400> 1137
Val Asp Ile Val Ala Lys Met Val Glu Lys Gln Asn Ile Glu Ala Lys
1 5 10 15

Val Glu Lys Ala Gln Gly Gly Gln Glu Met Met Glu Met Ile Ser Gly
20 25 30

Thr Met Thr Ser Glu Lys Thr Glu Met Ile Val Phe Glu Thr Lys Ser
35 40 45

Ile

<210> 1138
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G23V"

<400> 1138
Met Ser Asp Cys Cys Ser Ala Pro Gly Ile Ser Trp Glu Ala Gly Val
1 5 10 15

Gly Arg Pro Ala Val Pro Val Val Leu Glu Leu Gln Ile Arg Arg Gly
20 25 30

Ala Met Ser Glu Glu Thr Val Ser Glu Ser Gln Phe Ser Leu Lys Thr
35 40 45

Ala

<210> 1139
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P54L"

<400> 1139
Phe Leu Thr Leu Val Phe Ala Leu Gly Phe Phe Leu Leu Leu Pro
1 5 10 15

Tyr Leu Ser Tyr Phe His Cys Asp Asp Leu Leu Pro Ser Pro Ser Pro
20 25 30

Gly Lys Arg Lys Cys Pro Val Gly Arg Arg Arg Arg Pro Arg Gly Arg
35 40 45

Met Lys Asn His
50

<210> 1140
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R304S"

<400> 1140
Ala Ser Ser Arg Trp Gln Glu Thr Ala Arg Thr Ser Cys Ala Phe Asn
1 5 10 15

Ser Ser Val Gln Gln Asp Pro Leu Ser Ser Ser His Pro Pro Glu Thr
20 25 30

Cys Gln Met Glu Ala Gly Ser Leu Phe Leu Leu Ser Ser Asp Gly Gln
35 40 45

Asn Val Val Gly
50

<210> 1141
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1265S"

<400> 1141
Asn Ser Gln Gly Ile Ser Ser Gly Asp Met Gly Thr Ser Gln Val Val
1 5 10 15

His Val His Leu Glu Asp Ser Gly Ile Ser Ser Val Ala Gln Lys Gln
20 25 30

Glu Pro Arg Val Pro Thr Cys Val Leu Gln Lys Cys Gln Val Thr Asn
35 40 45

Phe Pro Pro Ala
50

<210> 1142
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L222P"

<400> 1142
Pro Pro Gln Pro Val Ser Pro Leu Asp Ser Lys Phe Pro Ile Asp His
1 5 10 15

Ser Leu Pro Gln Gln Leu Pro Ser Pro Pro Pro Phe Pro Pro His His
20 25 30

Ile Gln Arg Ala Glu Pro Ser Leu Gln Pro Glu Ala Ser Leu Ser Leu
35 40 45

Asn Thr Val Phe
50

<210> 1143
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.W192L"

<400> 1143
Thr Trp Ala Val Pro Val Ser Glu Ser Asn Val Ala Lys Leu Thr Asn
1 5 10 15

Ile Tyr Arg Asp Gln Ser Phe Thr Thr Leu Leu Leu Val Ala Thr Asn
20 25 30

Thr Ser Thr Asn Asp Met Ile Ile Leu Gln Thr Leu His Trp Arg Met
35 40 45

Gln Leu Ser Ile
50

<210> 1144
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R206Q"

<400> 1144
Asp Glu Ser Asn Phe Asn His Phe Leu Asn Met Thr Glu Lys Gln Gly
1 5 10 15

Cys Ser Val Gln Arg Leu Arg Asn Ile Gln Gln Val Arg Thr Val Lys
20 25 30

Gly Gln Asp Tyr Leu Ser Lys Thr Gly Ala Lys Phe His Gly Lys Met
35 40 45

Glu Gln Lys Phe
50

<210> 1145
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A141T"

<400> 1145
Ser Gly Gly Ser Val Thr Leu Ser Glu Ser Thr Ala Ile Ile Ser Tyr
1 5 10 15

Gly Thr Thr Gly Leu Val Thr Trp Asp Thr Thr Ala Leu Tyr Leu Ala
20 25 30

Glu Trp Ala Ile Glu Asn Pro Ala Val Phe Thr Asn Arg Thr Val Leu
35 40 45

Glu Leu Gly Ser
50

<210> 1146
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C120Y"

<400> 1146
Arg Ala Ser Cys Ser Pro Leu Ser Tyr Ala Gly Leu Gly Ser Asp Gly
1 5 10 15

Lys Trp Asn Leu Val Met Thr Arg Asn Tyr Tyr Phe Pro Thr Lys Ser
20 25 30

Thr Trp Arg Trp Gln Cys
35

<210> 1147
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S383L"

<400> 1147
Lys Val Gln Phe Glu Arg Lys His Ser Lys Ile His Ser Ile Arg Ser
1   5   10   15

Leu Ala Ser Gln Pro Thr Glu Leu Asn Leu Leu Glu Val Leu Glu Gln
            20   25   30

Ser Gln Gln Ser Thr Ser Leu Thr Phe Gly Glu Gly Ala Glu Ser Pro
        35   40   45

Gly Gly Gln Ser
    50

<210> 1148
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R299L"

<400> 1148
Lys Arg Phe Leu Ile Lys Leu Arg Pro Asp Ala Asn Ser Ala Tyr Gln
1   5   10   15

Asp Thr Leu Glu Phe Leu Met Ala Ser Leu Leu Asp Phe Cys Lys Ser
            20   25   30

Phe Trp Lys Ile Cys Val Glu His His Ala Phe Phe Arg Leu Phe Glu
        35   40   45

Glu Pro Lys Pro
    50

<210> 1149
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E261K"

<400> 1149
Ile Ala Gly Val Met Thr Leu Ser Gln Val Lys Gly Phe Val Arg Lys
1   5   10   15

Asn Gly Val Asn Glu Ala Lys Ile Asp Lys Lys Ile Lys Asn Asp Asn
            20   25   30

Val Gln Asp Thr Ala Glu Gln Lys Val Gln Leu Leu Arg Asn Trp His
        35   40   45

Gln Leu His Gly
    50

<210> 1150
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K3fs"

<400> 1150
Met Lys Lys Asn Thr Cys Phe Pro Arg Val Ile Gly Tyr Lys Tyr Ala
1   5   10   15

Ser Ser Lys Ser Tyr Leu Ser Ile Leu Leu Glu Ser Val Ser Ile Ser
            20   25   30

Thr His Gln Leu
        35

<210> 1151
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.Q625E"

<400> 1151
Arg Phe Cys Ser Asn Ser Lys His Leu Leu Gly Lys Glu Ala Ile Lys
1   5   10   15

Gln Arg His Leu Gln Leu Leu Gly Tyr Glu Glu Val Val Gln Ile Pro
            20   25   30

Tyr His Glu Ile Gly Met Leu Lys Ser Arg Arg Glu Leu Val Glu Tyr
        35   40   45

Leu Gln Arg Lys
    50

<210> 1152
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R4359L"

<400> 1152
Thr Lys Val Val Asp Leu Asp Pro Cys Leu Ser Lys Lys Pro Leu Glu
1   5   10   15

Glu Lys Pro Ser Gln Pro Tyr Ser Ala Leu Leu Glu Ser Leu Ser Glu
            20   25   30

Val Gln Ser Leu Ser Ser Phe Gln Ser Glu Ser Cys Asp Asp Asn Gly
        35   40   45

Tyr His Trp Asp
    50

<210> 1153
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.H3574N"

<400> 1153
Pro Thr Ala Ile Pro Leu Glu Ile Phe Ile Val Thr Met Glu Asp Asp
1   5   10   15

Phe Pro Gly Gly Val Ile Gly Lys Ile Asn Asn Ala Thr Asp Gln Asp
            20   25   30

Met Tyr Asp Val Leu Thr Phe Ala Leu Lys Ser Glu Gln Lys Ser Leu
        35   40   45

Phe Lys Val Asn
    50

<210> 1154
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A4159T"

<400> 1154
Gly Leu Arg Pro Val Val Val Pro Asn Ile Gln Ala Gly His Ser Tyr
1   5   10   15

Val Gly Lys Glu Glu Leu Ile Gly Ile Thr Thr Val Val Leu Phe Val
            20   25   30

Ile Phe Ile Leu Val Val Leu Phe Ile Val Phe Arg Lys Lys Val Phe
        35   40   45

Arg Lys Asn Tyr
    50

<210> 1155
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R1266H"

<400> 1155
Val Val Gln Val Leu Asp Glu Asn Asp Asn Lys Pro Gln Phe Pro Glu
1   5   10   15

Lys Val Tyr Gln Ile Lys Leu Pro Glu His His Asp Arg Lys Lys Arg
            20   25   30

Gly Glu Pro Ile Tyr Arg Ala Phe Ala Phe Asp Arg Asp Glu Gly Pro
        35   40   45

Asn Ala Glu Ile
    50

<210> 1156
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G1899V"

<400> 1156
Thr Asp Val Asn Asp Asn Pro Pro Val Phe Thr Gln Ala Val Phe Glu
1   5   10   15

Thr Ile Leu Leu Leu Pro Thr Tyr Val Val Val Val Glu Val Leu Lys
            20   25   30

Val Ser Ala Thr Asp Pro Asp Ser Glu Val Pro Pro Glu Leu Thr Tyr
        35   40   45

Ser Leu Met Glu
    50

<210> 1157
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.A836V"

<400> 1157
Gly Arg Ser Gly Ala Pro Ala Glu Arg Glu Ala Glu Pro Arg Val Lys
1   5   10   15

Glu Ser Arg Ser Pro Ala Lys Glu Glu Val Val Ala Lys Met Pro Ala
            20   25   30

Arg Ala Ser Pro Pro His Ser Lys Ala Ala Pro Gly Asp Val Lys Val
        35   40   45

Lys Glu Glu Arg
    50

<210> 1158
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S102R"

<400> 1158
Arg Ile Gln Gln Ile Ile Tyr Cys His Lys Leu Thr Ile Ile Leu Thr
1   5   10   15

Lys Trp Arg Asn Thr Ala Arg His Lys Arg Arg Lys Lys Lys Glu Asp
            20   25   30

Glu Leu Ile Leu Lys His Glu Leu Gln Leu Lys Lys Trp Lys Asn Arg
        35   40   45

Leu Ile Leu Lys
    50

<210> 1159
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.V48G"

<400> 1159
Arg Asp Lys Gly Arg Ala Ala Gln Val Cys Thr Ala Trp Arg Asp Ala
1   5   10   15

Ala Tyr His Lys Ser Val Trp Arg Gly Gly Gly Glu Ala Lys Leu His
            20   25   30

Leu Arg Arg Ala Asn Pro Ser Leu Phe Pro Ser Leu Gln Ala Arg Gly
        35   40   45

Ile Arg Arg Val
    50

<210> 1160
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M144I"

<400> 1160
Lys Gln Pro Cys Thr Asn Asp Met Ala Lys Ser Asn Ser Val Gly Gln
1   5   10   15

Asp Ser Cys Gln Asp Ser Glu Gly Asp Ile Ile Ile Phe Pro Ala Glu
            20   25   30

Ser Ser Cys Ala Leu Pro Gln Glu Gly Ser Ala Gly Pro Gly Ser Pro
        35   40   45

Gly Ser Ala Pro
    50

<210> 1161
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.F144fs"

<400> 1161
Lys Arg Phe Phe Ser Glu His Val Pro Cys Asn Gly Phe Ser Asp Ile
1   5   10   15

Glu Asn Leu Glu Gly Pro Glu Ile Phe Leu Arg Met Asn Trp Cys Val
            20   25   30

Ser

<210> 1162
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M553V"

<400> 1162
His Leu Pro Ala Ser Arg Val Val Gly Thr Pro Glu Pro Ser Leu Gly
1   5   10   15

Ala Arg Ala Pro Gln Asp Pro Gly Gly Val Val Ala Gln Ala Cys Glu
            20   25   30

Glu Tyr Leu Ser Gln Ile His Ser Cys Gln Thr Leu Gln Asp Arg Thr
        35   40   45

Glu Lys Met Lys
    50

<210> 1163
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G443fs"

<400> 1163
Thr Pro Gly Glu Asp Gly Gly Glu Pro Gly Asp Ala Val Ala Ala Ala

1 5 10 15

Glu Gln Pro Ala Gln Cys Gly Gln Gly Ala Ala Val Arg Ala Ala Arg
20 25 30

Gly Arg Glu Leu Gln Glu
35

<210> 1164
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G423V"

<400> 1164
Ser Asp Asp Asn Thr Leu Lys Val Trp Ser Ala Val Thr Gly Lys Cys
1 5 10 15

Leu Arg Thr Leu Val Gly His Thr Gly Val Val Val Trp Ser Ser Gln
20 25 30

Met Arg Asp Asn Ile Ile Ile Ser Gly Ser Thr Asp Arg Thr Leu Lys
35 40 45

Val Trp Asn Ala
50

<210> 1165
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R465C"

<400> 1165
Asp Arg Thr Leu Lys Val Trp Asn Ala Glu Thr Gly Glu Cys Ile His
1 5 10 15

Thr Leu Tyr Gly His Thr Ser Thr Val Cys Cys Cys Met His Leu His

```
            20                  25                  30

Glu Lys Arg Val Val Ser Gly Ser Arg Asp Ala Thr Leu Arg Val Trp
        35                  40                  45

Asp Ile Glu Thr
    50
```

<210> 1166
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R465H"

<400> 1166

```
Asp Arg Thr Leu Lys Val Trp Asn Ala Glu Thr Gly Glu Cys Ile His
1               5                   10                  15

Thr Leu Tyr Gly His Thr Ser Thr Val His His Cys Met His Leu His
            20                  25                  30

Glu Lys Arg Val Val Ser Gly Ser Arg Asp Ala Thr Leu Arg Val Trp
        35                  40                  45

Asp Ile Glu Thr
    50
```

<210> 1167
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R479Q"

<400> 1167

```
Ile His Thr Leu Tyr Gly His Thr Ser Thr Val Arg Cys Met His Leu
1               5                   10                  15

His Glu Lys Arg Val Val Ser Gly Ser Gln Gln Asp Ala Thr Leu Arg
```

20 25 30

Val Trp Asp Ile Glu Thr Gly Gln Cys Leu His Val Leu Met Gly His
35 40 45

Val Ala Ala Val
50

<210> 1168
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R505G"

<400> 1168
Asp Ala Thr Leu Arg Val Trp Asp Ile Glu Thr Gly Gln Cys Leu His
1 5 10 15

Val Leu Met Gly His Val Ala Ala Val Gly Gly Cys Val Gln Tyr Asp
20 25 30

Gly Arg Arg Val Val Ser Gly Ala Tyr Asp Phe Met Val Lys Val Trp
35 40 45

Asp Pro Glu Thr
50

<210> 1169
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R505C"

<400> 1169
Asp Ala Thr Leu Arg Val Trp Asp Ile Glu Thr Gly Gln Cys Leu His
1 5 10 15

Val Leu Met Gly His Val Ala Ala Val Cys Cys Cys Val Gln Tyr Asp

```
            20                  25                  30

Gly Arg Arg Val Val Ser Gly Ala Tyr Asp Phe Met Val Lys Val Trp
        35                  40                  45

Asp Pro Glu Thr
    50
```

<210> 1170
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S546L"

<400> 1170

```
Phe Met Val Lys Val Trp Asp Pro Glu Thr Glu Thr Cys Leu His Thr
1               5                   10                  15

Leu Gln Gly His Thr Asn Arg Val Tyr Leu Leu Leu Gln Phe Asp Gly
            20                  25                  30

Ile His Val Val Ser Gly Ser Leu Asp Thr Ser Ile Arg Val Trp Asp
        35                  40                  45

Val Glu Thr Gly
    50
```

<210> 1171
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S582L"

<400> 1171

```
Gly Ser Leu Asp Thr Ser Ile Arg Val Trp Asp Val Glu Thr Gly Asn
1               5                   10                  15

Cys Ile His Thr Leu Thr Gly His Gln Leu Leu Leu Thr Ser Gly Met
```

20 25 30

Glu Leu Lys Asp Asn Ile Leu Val Ser Gly Asn Ala Asp Ser Thr Val
35 40 45

Lys Ile Trp Asp
50

<210> 1172
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R689W"

<400> 1172
Glu Ser Gly Gly Ser Gly Gly Val Val Trp Arg Ile Arg Ala Ser Asn
1 5 10 15

Thr Lys Leu Val Cys Ala Val Gly Ser Trp Trp Asn Gly Thr Glu Glu
20 25 30

Thr Lys Leu Leu Val Leu Asp Phe Asp Val Asp Met Lys
35 40 45

<210> 1173
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R14Q"

<400> 1173
Met Asn Gln Glu Leu Leu Ser Val Gly Ser Lys Arg Arg Gln Gln Thr
1 5 10 15

Gly Gly Ser Leu Arg Gly Asn Pro Ser Ser Ser Gln Val Asp Glu Glu
20 25 30

Gln Met Asn Arg Val Val Glu Glu

35 40

<210> 1174
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G298fs"

<400> 1174
Tyr Asp Lys Lys Val Thr Ile Tyr Asp Pro Arg Asp Arg Met Glu Thr
1 5 10 15

Arg Asp Ala Leu Met Gly Trp Gly Gly Ala Phe Glu Gly Leu
20 25 30

<210> 1175
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V233M"

<400> 1175
Ser Asn Ala Leu Glu Leu Val Val Thr Asp Ser Ile His Gln Asp Tyr
1 5 10 15

Thr Thr Gln Asn Leu Ile Arg Met Ala Met Met Ala Gly Leu Val Leu
20 25 30

Val Ala Leu Leu Ala Ile Leu Val Glu Asn Trp His Ser His Thr Ala
35 40 45

Leu Asn Lys Glu
50

<210> 1176
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V4019M"

<400> 1176
Val Tyr Tyr Glu Pro Glu Gln Thr Val Leu Ile Asp Asn Cys Arg Gln
1 5 10 15

Gln Cys Thr Cys His Val Gly Lys Val Met Met Val Cys Gln Glu His
20 25 30

Ser Cys Lys Pro Gly Gln Val Cys Gln Pro Ser Gly Gly Ile Leu Ser
35 40 45

Cys Val Thr Lys
50

<210> 1177
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A1022S"

<400> 1177
Glu Ala Leu Cys Gly Leu Cys Gly Asn Phe Asn Gly Asp Pro Ala Asp
1 5 10 15

Asp Leu Ala Leu Arg Gly Gly Gly Gln Ser Ser Ala Asn Ala Leu Ala
20 25 30

Phe Gly Asn Ser Trp Gln Glu Glu Thr Arg Pro Gly Cys Gly Ala Thr
35 40 45

Glu Pro Gly Asp
50

<210> 1178
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A2493V"

<400> 1178
Arg Phe Asp Phe Met Gly Thr Cys Val Tyr Val Leu Ala Gln Thr Cys
1 5 10 15

Gly Thr Arg Pro Gly Leu His Arg Phe Val Val Val Leu Gln Glu Asn
20 25 30

Val Ala Trp Gly Asn Gly Arg Val Ser Val Thr Arg Val Ile Thr Val
35 40 45

Gln Val Ala Asn
50

<210> 1179
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V222G"

<400> 1179
Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro Ser Met Gly Ser
1 5 10 15

Ser Ser Pro Met Gly Ile Ile Val Ala Gly Gly Val Ile Ala Thr Ala
20 25 30

Val Ala Ala Ile Val Ala Ala Val Val Ala Leu Ile Tyr Cys Arg Lys
35 40 45

Lys Arg Ile Ser
50

<210> 1180
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P40A"

<400> 1180
Leu Phe Leu Leu Pro Gly Ser Leu Gly Ala Glu Ser His Leu Ser Leu
1 5 10 15

Leu Tyr His Leu Thr Ala Val Ser Ser Ala Ala Ala Pro Gly Thr Pro
20 25 30

Ala Phe Trp Val Ser Gly Trp Leu Gly Pro Gln Gln Tyr Leu Ser Tyr
35 40 45

Asn Ser Leu Arg
50

<210> 1181
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V505L"

<400> 1181
Met Gln Gln Pro Glu Ser Ser Ala Asn Ile Arg Thr Leu Leu Glu Asn
1 5 10 15

Lys Asp Ser Gln Val Ile Tyr Ser Ser Leu Leu Lys Lys Ser
20 25 30

<210> 1182
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.L620M"

<400> 1182
Ala Ile Met Asn Ala Leu Ile Glu Ala Gly Ala His Met Asp Ala Thr
1   5   10   15

Asn Ala Phe Lys Lys Thr Ala Tyr Glu Met Met Leu Asp Glu Lys Leu
            20   25   30

Leu Ala Arg Gly Thr Met Gln Pro Phe Asn Tyr Val Thr Leu Gln Cys
        35   40   45

Leu Ala Ala Arg
    50

<210> 1183
<211> 77
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L474fs"

<400> 1183
Ser Glu Lys Pro Leu Ala Glu Gln Asp Trp Tyr His Gly Ala Ile Pro
1   5   10   15

Arg Ile Glu Ala Gln Glu Leu Leu Lys Asn Lys Glu Thr Phe Trp Cys
            20   25   30

Glu Arg Val Met Gly Asn Leu Val Asn Met Ser Phe Leu Tyr Ile Leu
        35   40   45

Met Asp Arg Gly Asp Ile Leu Ser Tyr Asn Met Leu Ile Thr Cys Ile
    50   55   60

Asp Ser Arg Ala Leu Gly Phe Gln Thr Phe Leu Asn Leu
65   70   75

<210> 1184
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P92H"

<400> 1184
Cys Glu Val Asp Gln Gly Asp Gly Glu Glu Glu Glu Glu Glu Glu Arg
1   5   10   15

Gly Arg Gly Val Ser Leu Leu Gly Arg His His Lys Arg Lys Arg Val
            20   25   30

Ile Thr Tyr Ala Gln Arg Gln Ala Ala Asn Ile Arg Glu Arg Lys Arg
        35   40   45

Met Phe Asn Leu
    50

<210> 1185
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P50L"

<400> 1185
Asn Cys Asn Ala Ser Pro Glu Pro Gly Ala Glu Ala Gly Ala Glu Ala
1   5   10   15

Gly Gly Gly Ala Asp Gly Phe Pro Ala Leu Leu Ala Cys Ser Leu Glu
            20   25   30

Glu Lys Leu Ser Leu Cys Phe Arg Pro Ser Asp Pro Gly Ala Glu Pro
        35   40   45

Pro Arg Thr Ala
    50

<210> 1186
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E82K"

<400> 1186
Gly Ser Gln Gly Lys Lys Leu Leu Asn Leu Cys Ser Pro Leu Pro Cys
1   5   10   15

Met Ile Pro Leu Gln Pro Leu Gly Tyr Lys Lys Val Pro Ser Lys Thr
            20   25   30

Leu Leu Ser Tyr Ser Glu Leu Trp Lys Ser Ser Leu Arg Ala Gly Gly
        35   40   45

Gly Gly Gly Gly
    50

<210> 1187
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E339Q"

<400> 1187
Asn Tyr Cys Gly Leu Pro Gly Glu Tyr Trp Leu Gly Asn Asp Lys Ile
1   5   10   15

Ser Gln Leu Thr Arg Met Gly Pro Thr Gln Gln Leu Leu Ile Glu Met
            20   25   30

Glu Asp Trp Lys Gly Asp Lys Val Lys Ala His Tyr Gly Gly Phe Thr
        35   40   45

Val Gln Asn Glu
    50

<210> 1188
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T229M"

<400> 1188
Lys Pro Leu Glu Val Ala Met Tyr Arg Glu Pro Ser Leu His Asp Val
1   5   10   15

Gly Glu Thr Val Pro Lys Pro Gly Val Met Met Pro Ser Lys Ser Thr
            20   25   30

Ser Ala Ser Ala Ile Met Asn Gly Gly Lys Pro Val Asn Lys Ser Lys
        35   40   45

Thr Thr
    50

<210> 1189
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A236V"

<400> 1189
Tyr Arg Glu Pro Ser Leu His Asp Val Gly Glu Thr Val Pro Lys Pro
1   5   10   15

Gly Val Thr Pro Ser Lys Ser Thr Ser Val Val Ser Ala Ile Met Asn
            20   25   30

Gly Gly Lys Pro Val Asn Lys Ser Lys Thr Thr
        35   40

<210> 1190
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G380R"

<400> 1190
Val Val Leu Pro Ala Glu Glu Glu Leu Val Glu Ala Asp Glu Ala Gly
1   5   10   15

Ser Val Tyr Ala Gly Ile Leu Ser Tyr Arg Arg Val Gly Phe Phe Leu
            20   25   30

Phe Ile Leu Val Val Ala Ala Val Thr Leu Cys Arg Leu Arg Ser Pro
        35   40   45

Pro Lys Lys Gly
    50

<210> 1191
<211> 117
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R571fs"

<400> 1191
Gln Gly Gly Pro Leu Tyr Val Leu Val Glu Tyr Ala Ala Lys Gly Asn
1   5   10   15

Leu Arg Glu Phe Leu Arg Ala Arg Arg Ala Pro Gly Pro Gly Leu Leu
            20   25   30

Leu Arg His Leu Gln Ala Ala Arg Gly Ala Ala His Leu Gln Gly Pro
        35   40   45

Gly Val Leu Cys Leu Pro Gly Gly Pro Gly His Gly Val Leu Gly Leu
    50   55   60

Pro Glu Val His Pro Gln Gly Pro Gly Cys Pro Gln Cys Ala Gly Asp
65   70   75   80

Arg Gly Gln Arg Asp Glu Asp Arg Arg Leu Arg Ala Gly Pro Gly Arg
                85   90   95

Ala Gln Pro Arg Leu Leu Gln Glu Asp Asp Gln Arg Pro Ala Ala Arg
            100   105   110

Glu Val Asp Gly Ala

115

<210> 1192
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P716H"

<400> 1192
Gly Gly Ser Pro Tyr Pro Gly Ile Pro Val Glu Glu Leu Phe Lys Leu
1 5 10 15

Leu Lys Glu Gly His Arg Met Asp Lys His His Ala Asn Cys Thr His
20 25 30

Asp Leu Tyr Met Ile Met Arg Glu Cys Trp His Ala Ala Pro Ser Gln
35 40 45

Arg Pro Thr Phe
50

<210> 1193
<211> 127
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.*807S"

<400> 1193
Ser Ser Gly Asp Asp Ser Val Phe Ala His Asp Leu Leu Pro Pro Ala
1 5 10 15

Pro Pro Ser Ser Gly Gly Ser Arg Thr Ser Ser Arg Ala Thr Gly Pro
20 25 30

Gln Gln Cys Glu Gly Ser Leu Ala Ala His Pro Ala Ala Gly Ala Gln
35 40 45

Pro Leu Pro Gly Met Arg Leu Ser Ala Asp Gly Glu Thr Ala Thr Gln

```
    50                  55                  60

Ser Phe Gly Leu Cys Val Cys Val Cys Val Cys Val Cys Ala
65                  70                  75                  80

His Pro Arg Val Pro Val Cys Val Arg Ile Leu Pro Pro Gly Ala Glu
                85                  90                  95

Val Pro Trp Val Ser Pro Leu Leu Cys Asn Gly Leu Leu Thr Gly Ala
            100                 105                 110

Ala Ala Pro Arg Gly Leu Cys Ser Gly Gly Thr Gln Cys Arg Met
        115                 120                 125


<210> 1194
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R248C"

<400> 1194
Arg Gly Asn Tyr Thr Cys Val Val Glu Asn Lys Phe Gly Ser Ile Arg
1               5                   10                  15

Gln Thr Tyr Thr Leu Asp Val Leu Glu Cys Cys Ser Pro His Arg Pro
            20                  25                  30

Ile Leu Gln Ala Gly Leu Pro Ala Asn Gln Thr Ala Val Leu Gly Ser
        35                  40                  45

Asp Val Glu Phe
    50


<210> 1195
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
```

<223> /note="p.S249C"

<400> 1195
Gly Asn Tyr Thr Cys Val Val Glu Asn Lys Phe Gly Ser Ile Arg Gln
1   5   10   15

Thr Tyr Thr Leu Asp Val Leu Glu Arg Cys Cys Pro His Arg Pro Ile
            20   25   30

Leu Gln Ala Gly Leu Pro Ala Asn Gln Thr Ala Val Leu Gly Ser Asp
        35   40   45

Val Glu Phe His
    50

<210> 1196
<211> 90
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H479fs"

<400> 1196
Leu Gly Pro Gly Pro Val Ala Gly Pro Lys Leu Tyr Pro Lys Leu Tyr
1   5   10   15

Thr Asp Ile His Thr His Thr His Thr Leu Ser His Thr Leu Thr Arg
            20   25   30

Gly Gly Gln Gly Pro Pro Ala His Pro Leu Ser Val Leu Asp Gly Thr
        35   40   45

Val Ser Ala Val Gly Thr Gly Gly Pro Ala Arg Gln Ala Asp Trp Glu
    50   55   60

Asp Gly Gly Arg Ser Cys Arg Arg Arg Gln Gly Thr His Gly Glu Glu
65   70   75   80

Glu Trp Pro Ala Pro Gln Ala Val Cys Val
                85   90

<210> 1197
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R243L"

<400> 1197
Lys Tyr Thr Cys Arg Val Ser Asn Arg Ala Gly Ala Ile Asn Ala Thr
1 5 10 15

Tyr Lys Val Asp Val Ile Gln Arg Thr Leu Leu Ser Lys Pro Val Leu
20 25 30

Thr Gly Thr His Pro Val Asn Thr Thr Val Asp Phe Gly Gly Thr Thr
35 40 45

Ser Phe Gln Cys
50

<210> 1198
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V274L"

<400> 1198
Thr Gly Thr His Pro Val Asn Thr Thr Val Asp Phe Gly Gly Thr Thr
1 5 10 15

Ser Phe Gln Cys Lys Val Arg Ser Asp Leu Leu Lys Pro Val Ile Gln
20 25 30

Trp Leu Lys Arg Val Glu Tyr Gly Ala Glu Gly Arg His Asn Ser Thr
35 40 45

Ile Asp Val Gly
50

<210> 1199
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G138fs"

<400> 1199
Leu Asp His Arg Ala Val Ser Gln Val Asn Arg Ile Asn Glu Thr Lys
1 5 10 15

His Ser Val Leu Gln Tyr Val Gly Gly Gly Asp Val Cys Gly Asn Ala
20 25 30

Gly Pro Glu Thr Ser Val Ala Glu Arg Glu Leu Glu Arg Asp Leu Leu
35 40 45

Gly

<210> 1200
<211> 79
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F100fs"

<400> 1200
Pro Gly Leu Pro Pro Thr Thr His Met Asn Gly Tyr Ser His Leu Gly
1 5 10 15

Lys Lys Lys Arg Met Arg Ser Phe Phe Gly Lys Leu Phe Arg Arg Ser
20 25 30

Lys Phe Glu Ala Lys Pro Thr Ser Gly Pro Trp Gln Pro Gly Arg Asn
35 40 45

Ile Thr Thr Lys Leu Ile Gln Arg Pro Leu Arg Ser Ser Leu Gly Ser
50 55 60

Arg Lys Thr Pro Pro Ser Leu Pro Phe Leu Gly Glu Glu Glu Leu
65 70 75

<210> 1201

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R254W"

<400> 1201
Ser Gly Asp Val Ser Lys Leu Ser Leu Ala Asp Ser Phe Leu Tyr Gly
1 5 10 15

Leu Ile Gln Val Pro Asn Tyr Ser Leu Trp Trp Ile Glu Ala Met Val
20 25 30

Leu Lys Lys Glu Phe Leu Pro Ser Cys Ser Ser Leu Tyr Thr Asp Ile
35 40 45

Thr Val Leu Arg
50

<210> 1202
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D184E"

<400> 1202
Ala Lys His Cys Val Lys Cys Asn Lys Ala Ile Thr Ser Gly Gly Ile
1 5 10 15

Thr Tyr Gln Asp Gln Pro Trp His Ala Glu Glu Cys Phe Val Cys Val
20 25 30

Thr Cys Ser Lys Lys Leu Ala Gly Gln Arg Phe Thr Ala Val Glu Asp
35 40 45

Gln Tyr Tyr Cys
50

<210> 1203

<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K309fs"

<400> 1203
Asn Gly Pro Lys Glu Asp Ser Ser Leu Pro Thr Phe Lys Thr Ala Lys
1 5 10 15

Glu Gln Leu Trp Val Asp Gln Gln Lys Ser Thr Thr Asn Leu Ser Val
20 25 30

His Gln Gly Leu His Met Val Val
35 40

<210> 1204
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I522K"

<400> 1204
Leu Lys Asp Asp Leu Thr Lys Leu Lys Ser Phe Thr Val Met Leu Val
1 5 10 15

Asp Glu Arg Lys Asn Met Met Glu Lys Lys Lys Lys Gln Glu Glu Arg
20 25 30

Lys Val Asp Gly Leu Asn Lys Asn Phe Lys Val Glu Gln Gly Lys Val
35 40 45

Met Asp Val Thr
50

<210> 1205
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E161Q"

<400> 1205
Gly Pro Pro Glu Gly Trp Thr Glu Leu Thr Met Gly Val Gly Pro Trp
1 5 10 15

Arg Glu Glu Thr Trp Gly Glu Leu Ile Gln Gln Lys Cys Leu Glu Ser
20 25 30

Met Cys Gln Gly Glu Glu Ala Glu Leu Gln Leu Pro Gly His Ser Gly
35 40 45

Pro Pro Val Arg
50

<210> 1206
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R320L"

<400> 1206
Ala Gln Ala Ala Leu Gly Asn Leu Glu Lys Ala Thr Ala Asp Leu Lys
1 5 10 15

Lys Val Leu Ala Ile Asp Pro Lys Asn Leu Leu Ala Ala Gln Glu Glu
20 25 30

Leu Gly Lys Val Val Ile Gln Gly Lys Asn Gln Asp Ala Gly Leu Ala
35 40 45

Gln Gly Leu Arg
50

<210> 1207
<211> 58
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K159fs"

<400> 1207
Lys Gly Asn Lys Gly Arg Ser Lys Ser Pro Arg Glu Thr Gly Gly Lys
1 5 10 15

Arg His Glu Ser Ser Ser Glu Lys Lys Lys Glu Lys Asp Ile His Leu
20 25 30

Leu Ile Glu Lys Lys Asn Met Glu Lys Thr Ile Ile Thr Gln Val Lys
35 40 45

Lys Arg Lys Thr Arg Leu Lys Ile Leu Asp
50 55

<210> 1208
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R2886H"

<400> 1208
Ala Ser Thr His Ala Asp Ile Ser Arg His Ser Gln Ala Val Gln Gly
1 5 10 15

Gln Ser Glu Gly Ser Arg Arg Ser Arg His His Gln Gly Ser Ser Val
20 25 30

Ser Gln Asp Ser Asp Ser Glu Gly His Ser Glu Asp Ser Glu Arg Trp
35 40 45

Ser Gly Ser Ala
50

<210> 1209
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P3254H"

<400> 1209
Glu Arg Trp Ser Gly Ser Ala Ser Arg Asn His Arg Gly Ser Val Gln
1 5 10 15

Glu Gln Ser Arg His Gly Ser Arg His His His Arg Ser His His Glu
20 25 30

Asp Arg Ala Gly His Gly His Ser Ala Asp Arg Ser Arg Gln Ser Gly
35 40 45

Thr Arg His Ala
50

<210> 1210
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L572F"

<400> 1210
Gly Ser Gly Ser Ser Gln Ser Ser Gly Tyr Gly Gln Tyr Gly Ser Arg
1 5 10 15

Glu Thr Ser Gly Phe Gly Gln His Gly Phe Phe Gly Ser Gly Gln Ser
20 25 30

Thr Gly Phe Gly Gln Tyr Gly Ser Gly Ser Gly Gln Ser Ser Gly Phe
35 40 45

Gly Gln His Gly
50

<210> 1211
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G1545V"

<400> 1211
His Thr His Gly Gln Ser Gly Ser Gln His Gly Glu Ser Glu Ser Ile
1 5 10 15

Ile His Asp Arg His Arg Ile Thr His Val Val Gln Thr Gly Asp Thr
20 25 30

Thr Arg His Ser Tyr Ser Gly His Glu Gln Thr Thr Gln Thr Gly Ser
35 40 45

Arg Thr Thr Gly
50

<210> 1212
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H1901fs"

<400> 1212
Arg Arg Ser Gly His Ser Glu Ser Ser Asp Ser Glu Val His Ser Gly
1 5 10 15

Gly Ser His Thr His Ser Gly His Thr Gln Pro Ser Gln Val Ser Thr
20 25 30

Trp Arg Val Arg Ile His Ser Ser Gln Glu Thr Pro Asn Tyr Ser Trp
35 40 45

Thr Asp Arg Arg Tyr His
50

<210> 1213
<211> 133
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L850fs"

<400> 1213
Ser His Thr Phe Gln Leu Trp Arg Ala Leu Gly Ala Gly Gln Pro Thr
1 5 10 15

Ser His Leu Val Leu Thr Thr Leu Leu Gly Leu Ser Ala Gly Ala Thr
20 25 30

Pro Ala His Arg Cys Gln Arg Gln Gln Pro Leu Pro Gln Gly Glu Asp
35 40 45

Leu Pro Ala Phe Ala Gly Cys His Glu His Ala Ala Arg Ala Ala Val
50 55 60

Cys Pro Gly Val Gln Ala Gly Arg Ala Gly Gly Leu Pro Gln Ala Leu
65 70 75 80

Pro Gly Pro Pro His Pro Asp Ala Leu Cys Leu Gly Ala Glu Pro Ala
85 90 95

Gln Arg Ala Pro Gln Ala Ala Gly Pro Gly Gly Gly Arg Ala Gln Pro
100 105 110

Pro Lys Leu Gln His Val Thr Gly Gly Thr Glu Glu Pro Ala Val His
115 120 125

His Gly Ala Leu Ala
130

<210> 1214
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V1240M"

<400> 1214
Gly Thr His Thr Ile Thr Tyr Ile Pro Leu Cys Pro Gly Ala Tyr Thr

1 5 10 15

Val Thr Ile Lys Tyr Gly Gly Gln Pro Met Met Pro Asn Phe Pro Ser
20 25 30

Lys Leu Gln Val Glu Pro Ala Val Asp Thr Ser Gly Val Gln Cys Tyr
35 40 45

Gly Pro Gly Ile
50

<210> 1215
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W529fs"

<400> 1215
Leu Asp Gly Val Tyr Ala Phe Glu Tyr Tyr Pro Ser Thr Pro Gly Arg
1 5 10 15

Tyr Ser Ile Ala Ile Thr Trp Gly Gly Thr Pro His Ser Lys Glu Pro
20 25 30

Leu

<210> 1216
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W529fs"

<400> 1216
Phe Leu Asp Gly Val Tyr Ala Phe Glu Tyr Tyr Pro Ser Thr Pro Gly
1 5 10 15

Arg Tyr Ser Ile Ala Ile Thr Trp Gly Asp Thr Thr Phe Gln Arg Ala

20 25 30

Pro Leu Lys Phe Lys Leu Ala Leu Lys Arg Val Cys Arg Lys Ser Val
35 40 45

Leu Gly Ala Leu Gly Ser Met Val Gly Leu Ser Gly Gly Gln Arg Thr
50 55 60

Ser Trp
65

<210> 1217
<211> 78
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.600_601insFREYEYD"

<400> 1217
Leu Gln Met Val Gln Val Thr Gly Ser Ser Asp Asn Glu Tyr Phe Tyr
1 5 10 15

Val Asp Phe Arg Glu Tyr Glu Tyr Asp Phe Arg Glu Tyr Glu Tyr Asp
20 25 30

Phe Arg Glu Tyr Glu Tyr Asp Leu Lys Trp Glu Phe Pro Arg Glu Asn
35 40 45

Leu Glu Phe Gly Lys Val Leu Gly Ser Gly Ala Phe Gly Lys Val Met
50 55 60

Asn Ala Thr Ala Tyr Gly Ile Ser Lys Thr Gly Val Ser Ile
65 70 75

<210> 1218
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.D835H"

<400> 1218
Arg Asp Leu Ala Ala Arg Asn Val Leu Val Thr His Gly Lys Val Val
1   5   10   15

Lys Ile Cys Asp Phe Gly Leu Ala Arg His His Ile Met Ser Asp Ser
            20   25   30

Asn Tyr Val Val Arg Gly Asn Ala Arg Leu Pro Val Lys Trp Met Ala
        35   40   45

Pro Glu Ser Leu
    50

<210> 1219
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D835Y"

<400> 1219
Arg Asp Leu Ala Ala Arg Asn Val Leu Val Thr His Gly Lys Val Val
1   5   10   15

Lys Ile Cys Asp Phe Gly Leu Ala Arg Tyr Tyr Ile Met Ser Asp Ser
            20   25   30

Asn Tyr Val Val Arg Gly Asn Ala Arg Leu Pro Val Lys Trp Met Ala
        35   40   45

Pro Glu Ser Leu
    50

<210> 1220
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.D835E"

<400> 1220
Arg Asp Leu Ala Ala Arg Asn Val Leu Val Thr His Gly Lys Val Val
1   5   10   15

Lys Ile Cys Asp Phe Gly Leu Ala Arg Glu Glu Ile Met Ser Asp Ser
            20   25   30

Asn Tyr Val Val Arg Gly Asn Ala Arg Leu Pro Val Lys Trp Met Ala
        35   40   45

Pro Glu Ser Leu
    50

<210> 1221
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S751F"

<400> 1221
Cys Leu Glu Ala Leu Arg Leu Glu Glu Lys Glu Val Arg His His Arg
1   5   10   15

Ile Leu Glu Ala Lys Ser Ile Gln Thr Phe Phe Pro Thr Glu Glu Gly
            20   25   30

Gly Val Leu Thr Leu Pro Pro Val Asp Gly Leu Pro Gly Arg Pro Pro
        35   40   45

Cys Pro Pro Gly
    50

<210> 1222
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P992T"

<400> 1222
Gly Ile Pro Leu Pro Pro Pro Leu Pro Gly Ala Gly Ile Pro Pro Pro
1   5   10   15

Pro Pro Leu Pro Gly Ala Gly Ile Pro Thr Thr Pro Pro Pro Leu Pro
            20   25   30

Gly Ala Gly Ile Pro Pro Pro Pro Pro Leu Pro Gly Ala Gly Ile Pro
        35   40   45

Pro Pro Pro Pro
    50

<210> 1223
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E927Q"

<400> 1223
His Phe Leu Asp Lys Ala Gly Ser Val Ser Leu Asp Ser Val Leu Ala
1   5   10   15

Asp Val Arg Ser Leu Gln Arg Gly Leu Gln Gln Leu Thr Gln Arg Glu
            20   25   30

Phe Val Arg Gln Asp Asp Cys Met Val Leu Lys Glu Phe Leu Arg Ala
        35   40   45

Asn Ser Pro Thr
    50

<210> 1224
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.F510L"

<400> 1224
Ala Ile Leu Thr Gln Trp Asp Arg Ser Leu Lys Pro Met Gln Thr Arg
1   5   10   15

Val Val Gly Arg Leu Gln Lys Pro Cys Leu Leu Phe Phe His Trp Leu
            20   25   30

Lys Leu Phe Ala Ile Pro Ile Leu Leu Ile Ala Val Phe Leu Val Leu
        35   40   45

Thr

<210> 1225
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S331R"

<400> 1225
Gln Lys Ile Pro Pro Val Asn Thr Asn Leu Glu Asn Leu Tyr Leu Gln
1   5   10   15

Gly Asn Arg Ile Asn Glu Phe Ser Ile Arg Arg Ser Phe Cys Thr Val
            20   25   30

Val Asp Val Val Asn Phe Ser Lys Leu Gln Val Leu Arg Leu Asp Gly
        35   40   45

Asn Glu Ile Lys
    50

<210> 1226
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R290C"

<400> 1226
Arg Gly Glu Trp Lys Cys Glu Arg His Thr Ser Val Gln Thr Thr Ser
1   5   10   15

Ser Gly Ser Gly Pro Phe Thr Asp Val Cys Cys Ala Ala Val Tyr Gln
            20   25   30

Pro Gln Pro His Pro Gln Pro Pro Pro Tyr Gly His Cys Val Thr Asp
        35   40   45

Ser Gly Val Val
    50

<210> 1227
<211> 56
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.TT58del"

<400> 1227
Pro Glu Pro Asp Thr Glu Pro Asp Ser Thr Ala Ala Val Pro Ser Gln
1   5   10   15

Pro Ala Pro Ser Ala Ala Thr Thr Thr Ala Val Thr Ala Ala Ala Ala
            20   25   30

Ser Asp Asp Ser Pro Ser Glu Asp Glu Gln Glu Ala Val Gln Glu Val
        35   40   45

Pro Arg Val Val Gln Asn Pro Pro
    50   55

<210> 1228
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R652H"

<400> 1228
Gln Gly Thr Ser His Arg Pro Ser Leu Pro Ala Ser Leu Asn Asp Asn
1   5   10   15

Asp Leu Val Asp Ser Asp Glu Asp Glu His His Ala Val Gly Ser Leu
            20   25   30

His Pro Lys Gly Ala Phe Ala Gln Pro Arg Pro Ala Leu Ser Pro Ser
        35   40   45

Arg Gln Ser Pro
    50

<210> 1229
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D1180del"

<400> 1229
Ala Pro Gly Lys Ser Glu Pro Pro Ser Lys Arg Pro Leu Ser Ser Lys
1   5   10   15

Ser Gln Gln Ser Val Ser Ala Glu Asp Glu Glu Glu Asp Ala Gly Phe
            20   25   30

Phe Lys Gly Gly Lys Glu Asp Leu Leu Ser Ser Ser Val Pro Lys Trp
        35   40   45

Pro Ser Ser Ser Thr
    50

<210> 1230
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S501fs"

<400> 1230
Asn Leu Thr Lys Glu Leu Lys Ser Pro Asp Glu Gly Phe Glu Gly Lys
1   5   10   15

Ser Leu Tyr Glu Ser Trp Thr Lys Lys Val Leu Pro Gln Ser Ser Val
            20   25   30

Ala Cys Pro Gly
        35

<210> 1231
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A643S"

<400> 1231
His Pro Gln Glu Met Lys Thr Tyr Ser Val Ser Phe Asp Ser Leu Phe
1   5   10   15

Ser Ala Val Lys Asn Phe Thr Glu Ile Ser Ser Ser Lys Phe Ser Glu
            20   25   30

Arg Leu Gln Asp Phe Asp Lys Ser Asn Pro Ile Val Leu Arg Met Met
        35   40   45

Asn Asp Gln Leu
    50

<210> 1232
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.C405fs"

<400> 1232
Gly Gln Phe Cys Ser Asn Ser Ser Ser Ile Arg Arg Thr Ala Pro Thr

1 5 10 15

Ala Ala Leu Pro Pro Arg Ala Arg Cys Gly Arg Ala Pro Val Gly Leu
20 25 30

Val Gly Ala Ala Glu Val Ser Gly Ser Gly Gly Gly Leu
35 40 45

<210> 1233
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R354W"

<400> 1233
Ser Gly Ile Tyr Ala His Ile Thr Lys His Tyr Pro Tyr Tyr Arg Thr
1 5 10 15

Ala Asp Lys Gly Trp Gln Asn Ser Ile Trp Trp His Asn Leu Ser Leu
20 25 30

Asn Arg Tyr Phe Ile Lys Val Pro Arg Ser Gln Glu Glu Pro Gly Lys
35 40 45

Gly Ser Phe Trp
50

<210> 1234
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P96fs"

<400> 1234
Asn Leu Leu Lys Ser Phe Gly Glu Ser Val Leu Arg Ser Val Ser Pro
1 5 10 15

Val Gln Asp Leu Asp Asp Asp Thr Pro His Pro Leu Pro Thr Leu Thr

20 25 30

Cys Pro Thr Met Pro Gly Arg Thr Pro Thr Ala Asn Pro Pro Thr Pro
35 40 45

Ser Ala Ala Ser Tyr Leu Trp Pro Ser Arg Thr Leu Gln Pro Ser Ala
50 55 60

Cys Gln
65

<210> 1235
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S135L"

<400> 1235
Arg Ser Lys Pro Tyr Thr Arg Arg Pro Lys Pro Pro Tyr Ser Tyr Ile
1 5 10 15

Ala Leu Ile Ala Met Ala Ile Arg Asp Leu Leu Ala Gly Gly Arg Leu
20 25 30

Thr Leu Ala Glu Ile Asn Glu Tyr Leu Met Gly Lys Phe Pro Phe Phe
35 40 45

Arg Gly Ser Tyr
50

<210> 1236
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R136L"

<400> 1236
Ser Val Gly Gly Ile Cys Gln Gln Phe Ser Leu Pro Glu Asn Ile Gln

1 5 10 15

Leu Ser Leu Phe Ser Ala Ser Phe Leu Leu Leu Asn Ile Asn Glu Tyr
20 25 30

Leu Ala Val Val Asp Ala Pro Pro Leu Asp Leu Arg Phe Asn Pro Ser
35 40 45

Gly Tyr Leu Leu
50

<210> 1237
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I22V"

<400> 1237
Met Ser Arg Ala Arg Ser His Leu Arg Ala Ala Leu Phe Leu Ala Ala
1 5 10 15

Ala Ser Ala Arg Gly Val Val Thr Thr Gln Val Ala Ala Arg Arg Gly
20 25 30

Leu Ser Ala Trp Pro Val Pro Gln Glu Pro Ser Met Glu Tyr Gln Asp
35 40 45

<210> 1238
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R455H"

<400> 1238
Asn Val Ile Asn Ile Asn His Gln Gly Arg Asp Gly His Thr Gly Leu
1 5 10 15

His Ser Ala Cys Tyr His Gly His Ile His His Leu Val Gln Phe Leu

20 25 30

Leu Asp Asn Gly Ala Asp Met Asn Leu Val Ala Cys Asp Pro Ser Arg
35 40 45

Ser Ser Gly Glu
50

<210> 1239
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R54Q"

<400> 1239
Pro Leu Val Val Leu Gly Val Thr Phe Val Leu Gly Val Leu Gly Asn
1 5 10 15

Gly Leu Val Ile Trp Val Ala Gly Phe Gln Gln Met Thr Arg Thr Val
20 25 30

Thr Thr Ile Cys Tyr Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr
35 40 45

Ala Thr Leu Pro
50

<210> 1240
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C382F"

<400> 1240
Phe Met Ser Ser Asn Ala Ser Glu Val Lys Arg Ile Pro Glu Gly Glu
1 5 10 15

Lys Trp Glu Asp Gly Pro Cys Lys Val Phe Phe Glu Cys Arg Gly Ala

20 25 30

Gln Val Thr Cys Tyr Glu Pro Ser Cys Pro Pro Cys Pro Val Gly Thr
35 40 45

Leu Ala Leu Glu
50

<210> 1241
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E86del"

<400> 1241
Ala Ile Glu Met Asp Lys Gly Thr Tyr Ile His Ala Leu Asp Asn Gly
1 5 10 15

Leu Phe Thr Leu Gly Ala Pro His Lys Val Asp Glu Gly Pro Ser Pro
20 25 30

Pro Glu Gln Phe Thr Ala Val Lys Leu Ser Asp Ser Arg Ile Ala Leu
35 40 45

Lys Ser Gly Tyr Gly
50

<210> 1242
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I34T"

<400> 1242
Arg Ile Ala Leu Lys Ser Gly Tyr Gly Lys Tyr Leu Gly Ile Asn Ser
1 5 10 15

Asp Glu Leu Val Gly His Ser Asp Ala Thr Thr Gly Pro Arg Glu Gln

20 25 30

Trp Glu Pro Val Phe Gln Asn Gly Lys Met Ala Leu Leu Ala Ser Asn
35 40 45

Ser Cys Phe Ile
50

<210> 1243
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R37K"

<400> 1243
Leu Lys Ser Gly Tyr Gly Lys Tyr Leu Gly Ile Asn Ser Asp Glu Leu
1 5 10 15

Val Gly His Ser Asp Ala Ile Gly Pro Lys Lys Glu Gln Trp Glu Pro
20 25 30

Val Phe Gln Asn Gly Lys Met Ala Leu Leu Ala Ser Asn Ser Cys Phe
35 40 45

Ile Arg Cys Asn
50

<210> 1244
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q39K"

<400> 1244
Ser Gly Tyr Gly Lys Tyr Leu Gly Ile Asn Ser Asp Glu Leu Val Gly
1 5 10 15

His Ser Asp Ala Ile Gly Pro Arg Glu Lys Lys Trp Glu Pro Val Phe

20 25 30

Gln Asn Gly Lys Met Ala Leu Leu Ala Ser Asn Ser Cys Phe Ile Arg
35 40 45

Cys Asn Glu Ala
50

<210> 1245
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P42Q"

<400> 1245
Gly Lys Tyr Leu Gly Ile Asn Ser Asp Glu Leu Val Gly His Ser Asp
1 5 10 15

Ala Ile Gly Pro Arg Glu Gln Trp Glu Gln Gln Val Phe Gln Asn Gly
20 25 30

Lys Met Ala Leu Leu Ala Ser Asn Ser Cys Phe Ile Arg Cys Asn Glu
35 40 45

Ala Gly Asp Ile
50

<210> 1246
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M49V"

<400> 1246
Ser Asp Glu Leu Val Gly His Ser Asp Ala Ile Gly Pro Arg Glu Gln
1 5 10 15

Trp Glu Pro Val Phe Gln Asn Gly Lys Val Val Ala Leu Leu Ala Ser

20 25 30

Asn Ser Cys Phe Ile Arg Cys Asn Glu Ala Gly Asp Ile Glu Ala Lys
35 40 45

Ser Lys Thr Ala
50

<210> 1247
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A50P"

<400> 1247
Asp Glu Leu Val Gly His Ser Asp Ala Ile Gly Pro Arg Glu Gln Trp
1 5 10 15

Glu Pro Val Phe Gln Asn Gly Lys Met Pro Pro Leu Leu Ala Ser Asn
20 25 30

Ser Cys Phe Ile Arg Cys Asn Glu Ala Gly Asp Ile Glu Ala Lys Ser
35 40 45

Lys Thr Ala Gly
50

<210> 1248
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L52S"

<400> 1248
Leu Val Gly His Ser Asp Ala Ile Gly Pro Arg Glu Gln Trp Glu Pro
1 5 10 15

Val Phe Gln Asn Gly Lys Met Ala Leu Ser Ser Ala Ser Asn Ser Cys

```
            20                  25                  30

Phe Ile Arg Cys Asn Glu Ala Gly Asp Ile Glu Ala Lys Ser Lys Thr
        35                  40                  45

Ala Gly Glu Glu
    50
```

<210> 1249
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A53T"

<400> 1249

```
Val Gly His Ser Asp Ala Ile Gly Pro Arg Glu Gln Trp Glu Pro Val
1               5                   10                  15

Phe Gln Asn Gly Lys Met Ala Leu Leu Thr Thr Ser Asn Ser Cys Phe
            20                  25                  30

Ile Arg Cys Asn Glu Ala Gly Asp Ile Glu Ala Lys Ser Lys Thr Ala
        35                  40                  45

Gly Glu Glu Glu
    50
```

<210> 1250
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N55D"

<400> 1250

```
His Ser Asp Ala Ile Gly Pro Arg Glu Gln Trp Glu Pro Val Phe Gln
1               5                   10                  15

Asn Gly Lys Met Ala Leu Leu Ala Ser Asp Asp Ser Cys Phe Ile Arg
```

20 25 30

Cys Asn Glu Ala Gly Asp Ile Glu Ala Lys Ser Lys Thr Ala Gly Glu
35 40 45

Glu Glu Met Ile
50

<210> 1251
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I59V"

<400> 1251
Ile Gly Pro Arg Glu Gln Trp Glu Pro Val Phe Gln Asn Gly Lys Met
1 5 10 15

Ala Leu Leu Ala Ser Asn Ser Cys Phe Val Val Arg Cys Asn Glu Ala
20 25 30

Gly Asp Ile Glu Ala Lys Ser Lys Thr Ala Gly Glu Glu Glu Met Ile
35 40 45

Lys Ser Leu Ser
50

<210> 1252
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G65E"

<400> 1252
Trp Glu Pro Val Phe Gln Asn Gly Lys Met Ala Leu Leu Ala Ser Asn
1 5 10 15

Ser Cys Phe Ile Arg Cys Asn Glu Ala Glu Glu Asp Ile Glu Ala Lys

20 25 30

Ser Lys Thr Ala Gly Glu Glu Glu Met Ile Lys Ser Leu Ser His Ser
35 40 45

Leu Pro Ser Ser
50

<210> 1253
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I10T"

<400> 1253
Met Ala Val Lys Leu Ser Asp Ser Arg Thr Thr Ala Leu Lys Ser Gly
1 5 10 15

Tyr Gly Lys Tyr Leu Gly Ile Asn Ser Asp Glu Leu Val Gly His Ser
20 25 30

Asp Ala Ile Gly
35

<210> 1254
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A11T"

<400> 1254
Met Ala Val Lys Leu Ser Asp Ser Arg Ile Thr Thr Leu Lys Ser Gly
1 5 10 15

Tyr Gly Lys Tyr Leu Gly Ile Asn Ser Asp Glu Leu Val Gly His Ser
20 25 30

Asp Ala Ile Gly Pro

35

<210> 1255
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K13N"

<400> 1255
Met Ala Val Lys Leu Ser Asp Ser Arg Ile Ala Leu Asn Asn Ser Gly
1 5 10 15

Tyr Gly Lys Tyr Leu Gly Ile Asn Ser Asp Glu Leu Val Gly His Ser
20 25 30

Asp Ala Ile Gly Pro Arg Glu
35

<210> 1256
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L20P"

<400> 1256
Met Ala Val Lys Leu Ser Asp Ser Arg Ile Ala Leu Lys Ser Gly Tyr
1 5 10 15

Gly Lys Tyr Pro Pro Gly Ile Asn Ser Asp Glu Leu Val Gly His Ser
20 25 30

Asp Ala Ile Gly Pro Arg Glu Gln Trp Glu Pro Val Phe Gln
35 40 45

<210> 1257
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D32V"

<400> 1257
Asp Ser Arg Ile Ala Leu Lys Ser Gly Tyr Gly Lys Tyr Leu Gly Ile
1 5 10 15

Asn Ser Asp Glu Leu Val Gly His Ser Val Val Ala Ile Gly Pro Arg
20 25 30

Glu Gln Trp Glu Pro Val Phe Gln Asn Gly Lys Met Ala Leu Leu Ala
35 40 45

Ser Asn Ser Cys
50

<210> 1258
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D142Y"

<400> 1258
Glu Cys Ser Leu Ser Leu Asn Lys Lys Ser Arg Ser Ser Thr Pro Val
1 5 10 15

His Asn Ser Glu Ile Gln Glu Thr Cys Tyr Tyr Ala His His Arg Gly
20 25 30

Arg Ser Arg Ala Cys Thr Gly Arg Ser Lys Arg His Arg Ser Arg Ala
35 40 45

Leu Gly Val Gln
50

<210> 1259
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P1005fs"

<400> 1259
Cys Lys Ala Thr Ser Ala Ala Leu Pro Gln Ser Gln Arg Ser Ser Thr
1 5 10 15

Pro Ser Ser Glu Ile Gly Ala Thr Pro Gln Ala Ala Pro Thr Thr Ser
20 25 30

<210> 1260
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E1093Q"

<400> 1260
Ala Pro Lys Tyr Thr Glu Pro Leu Leu Ser Pro Arg Asp Glu Pro Arg
1 5 10 15

Ser Asp Glu Cys Gly Ile Asn Pro Gly Gln Gln Lys Ile Ala Ser Ile
20 25 30

Pro Thr Lys Glu Glu Pro Gln Gly Gln Leu Ser Leu Glu Arg Asp Arg
35 40 45

Glu Val Thr Asn
50

<210> 1261
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.L47S"

<400> 1261
Lys Val Ile Asn Val Asp Asp Asp Gly Asn Glu Leu Gly Ser Gly Ile
1   5   10   15

Met Glu Leu Thr Asp Thr Glu Leu Ile Ser Ser Tyr Thr Arg Lys Arg
            20   25   30

Asp Ser Val Lys Trp His Tyr Leu Cys Leu Arg Arg Tyr Gly Tyr Asp
        35   40   45

Ser Asn Leu Phe
    50

<210> 1262
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T43N"

<400> 1262
Cys Asn Ser Cys Glu Leu Thr Asn Ile Thr Ile Ala Ile Glu Lys Glu
1   5   10   15

Glu Cys Arg Phe Cys Ile Ser Ile Asn Asn Asn Thr Trp Cys Ala Gly
            20   25   30

Tyr Cys Tyr Thr Arg Asp Leu Val Tyr Lys Asp Pro Ala Arg Pro Lys
        35   40   45

Ile Gln Lys Thr
    50

<210> 1263
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R430C"

<400> 1263
Gln Ser Gly Ala Arg Ile Glu Leu Gln Arg Asn Pro Pro Pro Asn Ala
1   5   10   15

Asp Pro Asn Met Lys Leu Phe Thr Ile Cys Cys Gly Thr Pro Gln Gln
            20   25   30

Ile Asp Tyr Ala Arg Gln Leu Ile Glu Glu Lys Ile Gly Gly Pro Val
        35   40   45

Asn Pro Leu Gly
    50

<210> 1264
<211> 282
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S140fs"

<400> 1264
Asn Pro Ser Ala Gln Leu Pro Arg Ser Pro Arg Arg Gln Gly Gln Arg
1   5   10   15

Trp Ile Trp Phe Ser Met Glu Ser Pro Lys Pro Leu Leu Ala Ala Glu
            20   25   30

Ser His Gly Arg Ile Leu Gln Ser His His Val Leu Pro Gln Arg Leu
        35   40   45

Arg His Leu His Ala Leu Arg Leu Ala Gly Ala Val Val Arg Pro Ala
    50   55   60

Cys Pro Pro Thr Ala Gln Pro Leu Gly Gln Asp Arg Ala Gly Gly Leu
65   70   75   80

Gly Ser Val Gln Leu Gly Ala Lys Leu Arg Gln Gly Ala Leu Leu Pro
                85   90   95

Glu Pro Ala Gly Pro Ser Gln Gly Gly Arg Val Arg Thr Leu Pro Gln
            100   105   110

Ala Pro Ala Pro Gly Asn His Asp Gly Asp Ala Val Pro Val Gln Val

115 120 125

Leu Ser Gly Leu Arg Glu Leu Leu Ala Pro Arg Leu His His Arg Glu
130 135 140

Ala Val Glu Glu Arg Pro Gly Gly Leu Gly Arg Ala Arg Gly Ala Gly
145 150 155 160

Pro Gln Gln Lys Gln Leu Arg Glu Val Pro Ala Thr Arg Arg Leu His
165 170 175

Pro Arg Gly Arg Leu Pro Glu Pro Gln Gly Pro Gly Pro Val Pro Ala
180 185 190

Gly Ala Gly Gln Gly Pro Arg Pro Leu Pro Glu Leu Leu Ser Leu Ala
195 200 205

Gly Asp Ala Ala Ala Ser Leu Leu Gln Leu Gly Thr Arg Phe Leu Gln
210 215 220

Gly Leu Leu Glu Thr Ala Gly Gly Ile Gln Val Pro Asp Thr Arg His
225 230 235 240

Ser Gly Leu Val His Leu Arg Gly Trp Cys Gly Ala Trp Ala Ala Arg
245 250 255

Asn Leu Ile Phe Leu Gly Pro His Leu Ser Gly Gly Leu Ile Tyr Leu
260 265 270

Arg Thr Arg Leu Pro Glu Ala Ser Pro Ala
275 280

<210> 1265
<211> 68
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G324fs"

<400> 1265
Asn Gln Glu Glu Leu Ala Ser Gly Thr Pro Pro Ala Arg Phe Pro Lys
1 5 10 15

Ala Pro Ser Lys Leu Thr Val Gly Gly His Gly Ala Lys Val Arg Lys

20 25 30

Arg Lys Arg Glu Thr Arg Ile Gln Pro Pro Arg Asn Arg Ser His Cys
35 40 45

Leu Pro Cys Leu Pro Trp Val His Leu His Gln Asn Pro Thr Asp His
50 55 60

Gln Met Leu Thr
65

<210> 1266
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D367N"

<400> 1266
Leu Thr Ile Ile Leu Leu Ala Met Asn Lys Ile Glu Gly Asp Asn Ile
1 5 10 15

Ser Gly Val Cys Phe Val Gly Leu Tyr Asn Asn Val Asp Ala Leu Arg
20 25 30

Tyr Phe Val Leu Ala Pro Leu Cys Leu Tyr Val Val Val Gly Val Ser
35 40 45

Leu Leu Leu Ala
50

<210> 1267
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R416Q"

<400> 1267
Ile Ser Leu Asn His Val Arg Gln Val Ile Gln His Asp Gly Arg Asn

1 5 10 15

Gln Glu Lys Leu Lys Lys Phe Met Ile Gln Gln Ile Gly Val Phe Ser
20 25 30

Gly Leu Tyr Leu Val Pro Leu Val Thr Leu Leu Gly Cys Tyr Val Tyr
35 40 45

Glu Gln Val Asn
50

<210> 1268
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R73H"

<400> 1268
Leu Ser Pro Lys His Ala Pro Asp Ile Pro Asp Asp Ser Thr Asp Asn
1 5 10 15

Ile Thr Ile Phe Thr Arg Ile Leu Asp His His Leu Leu Asp Gly Tyr
20 25 30

Asp Asn Arg Leu Arg Pro Gly Leu Gly Asp Ala Val Thr Glu Val Lys
35 40 45

Thr Asp Ile Tyr
50

<210> 1269
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R460Q"

<400> 1269
Pro Phe Ser Arg Ala Asn Ala Ala Glu Thr Ile Ser Ala Ala Arg Ala

1 5 10 15

Leu Pro Ser Ala Ser Pro Thr Ser Ile Gln Gln Thr Gly Tyr Met Pro
20 25 30

Arg Lys Ala Ser Val Gly Ser Ala Ser Thr Arg His Val Phe Gly Ser
35 40 45

Arg Leu Gln Arg
50

<210> 1270
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S126N"

<400> 1270
Arg Gln Ser Trp Lys Asp Glu Arg Leu Arg Phe Lys Gly Pro Met Gln
1 5 10 15

Arg Leu Pro Leu Asn Asn Leu Leu Ala Asn Asn Lys Ile Trp Thr Pro
20 25 30

Asp Thr Phe Phe His Asn Gly Lys Lys Ser Ile Ala His Asn Met Thr
35 40 45

Thr Pro Asn Lys
50

<210> 1271
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q224K"

<400> 1271
Ser Glu Val Val Tyr Val Trp Thr Asn Gly Ser Thr Lys Ser Val Val

1 5 10 15

Val Ala Glu Asp Gly Ser Arg Leu Asn Lys Lys Tyr His Leu Met Gly
20 25 30

Gln Thr Val Gly Thr Glu Asn Ile Ser Thr Ser Thr Gly Glu Tyr Thr
35 40 45

Ile Met Thr Ala
50

<210> 1272
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V314I"

<400> 1272
Ser Ala Arg His Ser Leu Pro Lys Val Ser Tyr Ala Thr Ala Met Asp
1 5 10 15

Trp Phe Ile Ala Val Cys Phe Ala Phe Ile Ile Phe Ser Ala Leu Ile
20 25 30

Glu Phe Ala Ala Val Asn Tyr Phe Thr Asn Leu Gln Thr Gln Lys Ala
35 40 45

Lys Arg Lys Ala
50

<210> 1273
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R416C"

<400> 1273
Lys Ala Thr Met Tyr Ser Tyr Asp Ser Ala Ser Ile Gln Tyr Arg Lys

1 5 10 15

Pro Leu Ser Ser Arg Glu Ala Tyr Gly Cys Cys Ala Leu Asp Arg His
20 25 30

Gly Val Pro Ser Lys Gly Arg Ile Arg Arg Arg Ala Ser Gln Leu Lys
35 40 45

Val Lys Ile Pro
50

<210> 1274
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D500N"

<400> 1274
Arg Ser Leu Pro His Lys Lys Thr His Leu Arg Arg Arg Ser Ser Gln
1 5 10 15

Leu Lys Ile Lys Ile Pro Asp Leu Thr Asn Asn Val Asn Ala Ile Asp
20 25 30

Arg Trp Ser Arg Ile Val Phe Pro Phe Thr Phe Ser Leu Phe Asn Leu
35 40 45

Val Tyr Trp Leu
50

<210> 1275
<211> 119
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q412fs"

<400> 1275
Gly Ser Tyr Arg Ser Val Gly Val Glu Thr Gly Glu Thr Lys Lys Glu

1 5 10 15

Gly Ala Ala Arg Ser Gly Gly Gln Gly Ala Ser Val Pro Gly Ser Gly
20 25 30

Pro Ser Thr Gln Thr Pro Leu Thr Phe Thr Pro Ala Leu Cys Ser Leu
35 40 45

Arg Arg Leu Arg Pro Ser Met Ser Ser Thr Gly Arg His Thr Pro Cys
50 55 60

Glu His Arg Thr Gln Ala Thr Leu Ala Cys Pro Gly Ala Arg Arg Gln
65 70 75 80

Leu Pro Arg Asn Phe Leu Gly Glu Arg Ala Leu Gly Leu Pro Ser Pro
85 90 95

Leu Arg Val Ser Lys Trp Asp Asp Ser Arg Pro Arg Lys Thr Arg Gly
100 105 110

Ser Leu Gly Leu Pro Glu Leu
115

<210> 1276
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E205K"

<400> 1276
Leu Arg Leu Thr Ile Asn Ala Glu Cys Tyr Leu Gln Leu His Asn Phe
1 5 10 15

Pro Met Asp Glu His Ser Cys Pro Leu Lys Lys Phe Ser Ser Tyr Gly
20 25 30

Tyr Pro Lys Asn Glu Ile Glu Tyr Lys Trp Lys Lys Pro Ser Val Glu
35 40 45

Val Ala Asp Pro
50

<210> 1277

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A368V"

<400> 1277
Val Ser Tyr Val Lys Ala Val Asp Ile Tyr Leu Trp Val Ser Phe Val
1 5 10 15

Phe Val Phe Leu Ser Val Leu Glu Tyr Val Val Ala Val Asn Tyr Leu
20 25 30

Thr Thr Val Gln Glu Arg Lys Glu Arg Lys Leu Arg Glu Lys Phe Pro
35 40 45

Cys Met Cys Gly
50

<210> 1278
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L352I"

<400> 1278
Val Ala Trp Asn Pro His Lys Met Leu Met Ala Gly Ile Gln Cys Cys
1 5 10 15

Ala Leu Leu Val Lys Asp Lys Ser Asp Ile Ile Leu Lys Lys Cys Tyr
20 25 30

Ser Ala Lys Ala Ser Tyr Leu Phe Gln Gln Asp Lys Phe Tyr Asp Val
35 40 45

Ser Tyr Asp Thr
50

<210> 1279

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A271S"

<400> 1279
Glu Ser Leu Val Leu Leu Arg Arg Leu Leu Ala Trp Asp Leu Asp Asp
1 5 10 15

Val Leu Tyr Ala Lys Leu Asn Ala Arg Ser Ser Ala Ser Ser Arg Leu
20 25 30

Ala Ala Ile Pro Ala Ala Leu Ala Arg Ala Ala Arg Thr Trp Asn Ala
35 40 45

Leu Asp Ala Gly
50

<210> 1280
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G358C"

<400> 1280
Leu Glu Ile Val Thr Cys Ser His Val Gly His Val Phe Arg Lys Ala
1 5 10 15

Thr Pro Tyr Thr Phe Pro Gly Gly Thr Cys Cys His Val Ile Asn Lys
20 25 30

Asn Asn Arg Arg Leu Ala Glu Val Trp Met Asp Glu Phe Lys Asp Phe
35 40 45

Phe Tyr Ile Ile
50

<210> 1281

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D234E"

<400> 1281
Val Asn Arg Asp Trp Leu Gln Pro Leu Leu His Arg Val Lys Glu Asp
1 5 10 15

Tyr Thr Arg Val Val Cys Pro Val Ile Glu Glu Ile Ile Asn Leu Asp
20 25 30

Thr Phe Thr Tyr Ile Glu Ser Ala Ser Glu Leu Arg Gly Gly Phe Asp
35 40 45

Trp Ser Leu His
50

<210> 1282
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.W317fs"

<400> 1282
Gly Ile Phe Val Ile Asp Lys Ser Trp Phe Asn His Leu Gly Lys Tyr
1 5 10 15

Asp Ala Gln Met Asp Ile Trp Gly Gly Arg Glu Phe
20 25

<210> 1283
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E395K"

<400> 1283
Ala Met Asp Arg His Tyr Phe Gln Asn Thr Gly Ala Tyr Asp Ser Leu
1   5   10   15

Met Ser Leu Arg Gly Gly Glu Asn Leu Lys Lys Leu Ser Phe Lys Ala
            20   25   30

Trp Leu Cys Gly Gly Ser Val Glu Ile Leu Pro Cys Ser Arg Val Gly
        35   40   45

His Ile Tyr Gln
    50

<210> 1284
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A45T"

<400> 1284
Thr Ala Leu Leu Phe Ile Tyr Leu His His Asn His Val Ser Ser Trp
1   5   10   15

Gln Lys Lys Ser Gln Glu Pro Leu Ser Thr Thr Trp Ser Pro Gly Lys
            20   25   30

Lys Val His Gln Gln Ile Ile Tyr Gly Ser Glu Gln Ile Pro Lys Pro
        35   40   45

His Val Ile Val
    50

<210> 1285
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R262I"

<400> 1285
Leu Glu Pro Leu Leu His Ala Ile Ala Lys Asp Pro Lys Met Val Val
1   5   10   15

Cys Pro Leu Ile Asp Val Ile Asp Asp Ile Ile Thr Leu Glu Tyr Lys
            20   25   30

Pro Ser Pro Leu Val Arg Gly Thr Phe Asp Trp Asn Leu Gln Phe Lys
        35   40   45

Trp Asp Asn Val
    50

<210> 1286
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K567del"

<400> 1286
Trp Gly Tyr Arg Lys Asp Arg Thr Leu Phe His Pro Val Ser Asn Ser
1   5   10   15

Cys Met Asp Cys Asn Pro Ala Glu Lys Ile Phe Met Ala Arg Cys Asp
            20   25   30

Pro Leu Ser Glu Thr Gln Gln Trp Ile Phe Glu His Ile Asn Met Thr
        35   40   45

Val Leu Glu Lys Phe
    50

<210> 1287
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P42A"

<400> 1287
Leu Leu Leu Leu Pro Pro Arg Leu Leu Ala Arg Pro Ser Leu Leu Leu
1   5   10   15

Arg Arg Ser Leu Ser Ala Ala Ser Cys Ala Ala Pro Ile Ser Leu Pro
            20   25   30

Ala Ala Ala Ser Arg Ser Ser Met Asp Gly Ala Gly Ala Glu Glu Val
        35   40   45

Leu Ala Pro Leu
    50

<210> 1288
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K807fs"

<400> 1288
Ile Glu Ser Met Gln Ile Asn Gly Ser Val Leu Lys Asn Gly Ser Leu
1   5   10   15

Thr Asn His Phe Ser Phe Glu Lys Lys Arg Pro Glu Trp Leu Ser
            20   25   30

<210> 1289
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D189A"

<400> 1289
Ala Ala Pro Thr Leu Val Gln Leu Glu Glu Glu Ile Glu Glu Glu Val

1 5 10 15

Arg Arg Glu Leu Ala Leu Pro Pro Pro Ala Ala Pro Ser Pro Pro Ala
20 25 30

Pro Pro Arg Arg Gln Pro Cys His Phe Arg Asn Leu Asp Gln Met Val
35 40 45

Gln Ser Leu Val
50

<210> 1290
<211> 73
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G150fs"

<400> 1290
Cys Asp Arg Lys Gly Thr Gln Ala Cys Gln Asp Leu Met Gly Asn Phe
1 5 10 15

Phe Cys Leu Cys Lys Ala Gly Trp Gly Ala Gly Ser Ala Thr Lys Met
20 25 30

Ser Thr Asn Ala Ala Arg Arg Thr Gly Ala Ala Ser Arg Ser Ala Thr
35 40 45

Thr Ser Arg Val Ala Ser Thr Val Pro Ala Thr Ala Ala Ser Ser Ser
50 55 60

Pro Leu Met Ala Gly Pro Ala Lys Thr
65 70

<210> 1291
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.R313S"

<400> 1291
Glu Glu Met Ser Glu Met Gln Lys Gln Leu Ala Asn Tyr Glu Arg Asp
1   5   10   15

Lys Gln Ile Leu Leu Cys Thr Lys Ala Ser Ser Leu Lys Val Arg Glu
            20   25   30

Lys Glu Leu Lys Asp Leu Gln Trp Glu His Glu Val Leu Glu Gln Arg
        35   40   45

Phe Thr Lys Val
    50

<210> 1292
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N334fs"

<400> 1292
Ala Arg Arg Ala Gly Thr Ser Cys Ala Asn Cys Gln Thr Thr Thr Thr
1   5   10   15

Thr Leu Trp Arg Arg Asn Ala Asn Gly Gly Pro Cys Leu Gln Cys Leu
            20   25   30

Trp Ala Leu Leu Gln Ala Ser Gln Tyr
        35   40

<210> 1293
<211> 131
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H400fs"

<400> 1293
Cys Lys Lys Val His Asp Ser Leu Glu Asp Phe Pro Lys Asn Ser Ser

1 5 10 15

Phe Asn Pro Ala Ala Leu Ser Arg His Asn Val Leu Pro Glu Pro His
20 25 30

Leu Ala Leu Gln Pro Leu Gln Pro His Ala Asp His Ala His Ala Asp
35 40 45

Ala Pro Ala Ile Gln Pro Val Leu Trp Thr Thr Pro Pro Leu Gln His
50 55 60

Gly His Arg His Gly Leu Glu Pro Cys Ser Met Leu Thr Gly Pro Pro
65 70 75 80

Ala Arg Val Pro Ala Val Pro Phe Asp Leu His Phe Cys Arg Ser Ser
85 90 95

Ile Met Lys Pro Lys Arg Asp Gly Tyr Met Phe Leu Lys Ala Glu Ser
100 105 110

Lys Ile Met Phe Ala Thr Leu Gln Arg Ser Ser Leu Trp Cys Leu Cys
115 120 125

Ser Asn His
130

<210> 1294
<211> 123
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S408fs"

<400> 1294
Glu Asp Phe Pro Lys Asn Ser Ser Phe Asn Pro Ala Ala Leu Ser Arg
1 5 10 15

His Met Ser Ser Leu Ser His Ile Ser Ala Leu Gln Pro Leu Gln Pro
20 25 30

His Ala Asp His Ala His Ala Asp Ala Pro Ala Ile Gln Pro Val Leu
35 40 45

Trp Thr Thr Pro Pro Leu Gln His Gly His Arg His Gly Leu Glu Pro

50 55 60

Cys Ser Met Leu Thr Gly Pro Pro Ala Arg Val Pro Ala Val Pro Phe
65 70 75 80

Asp Leu His Phe Cys Arg Ser Ser Ile Met Lys Pro Lys Arg Asp Gly
85 90 95

Tyr Met Phe Leu Lys Ala Glu Ser Lys Ile Met Phe Ala Thr Leu Gln
100 105 110

Arg Ser Ser Leu Trp Cys Leu Cys Ser Asn His
115 120

<210> 1295
<211> 123
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S408fs"

<400> 1295
Glu Asp Phe Pro Lys Asn Ser Ser Phe Asn Pro Ala Ala Leu Ser Arg
1 5 10 15

His Met Ser Ser Leu Ser His Ile Ser Ala Leu Gln Pro Leu Gln Pro
20 25 30

His Ala Asp His Ala His Ala Asp Ala Pro Ala Ile Gln Pro Val Leu
35 40 45

Trp Thr Thr Pro Pro Leu Gln His Gly His Arg His Gly Leu Glu Pro
50 55 60

Cys Ser Met Leu Thr Gly Pro Pro Ala Arg Val Pro Ala Val Pro Phe
65 70 75 80

Asp Leu His Phe Cys Arg Ser Ser Ile Met Lys Pro Lys Arg Asp Gly
85 90 95

Tyr Met Phe Leu Lys Ala Glu Ser Lys Ile Met Phe Ala Thr Leu Gln
100 105 110

Arg Ser Ser Leu Trp Cys Leu Cys Ser Asn His

115 120

<210> 1296
<211> 100
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S430fs"

<400> 1296
Ile Ser Pro Phe Ser His Ser Ser His Met Leu Thr Thr Pro Thr Pro
1 5 10 15

Met His Pro Pro Ser Ser Leu Ser Phe Trp Thr Thr Pro Pro Leu Gln
20 25 30

His Gly His Arg His Gly Leu Glu Pro Cys Ser Met Leu Thr Gly Pro
35 40 45

Pro Ala Arg Val Pro Ala Val Pro Phe Asp Leu His Phe Cys Arg Ser
50 55 60

Ser Ile Met Lys Pro Lys Arg Asp Gly Tyr Met Phe Leu Lys Ala Glu
65 70 75 80

Ser Lys Ile Met Phe Ala Thr Leu Gln Arg Ser Ser Leu Trp Cys Leu
85 90 95

Cys Ser Asn His
100

<210> 1297
<211> 97
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H434fs"

<400> 1297
Phe Ser His Ser Ser His Met Leu Thr Thr Pro Thr Pro Met His Pro

1 5 10 15

Pro Ser Ser Leu Ser Phe Gly Pro His Pro Pro Leu Gln His Gly His
20 25 30

Arg His Gly Leu Glu Pro Cys Ser Met Leu Thr Gly Pro Pro Ala Arg
35 40 45

Val Pro Ala Val Pro Phe Asp Leu His Phe Cys Arg Ser Ser Ile Met
50 55 60

Lys Pro Lys Arg Asp Gly Tyr Met Phe Leu Lys Ala Glu Ser Lys Ile
65 70 75 80

Met Phe Ala Thr Leu Gln Arg Ser Ser Leu Trp Cys Leu Cys Ser Asn
85 90 95

His

<210> 1298
<211> 95
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H435fs"

<400> 1298
His Ser Ser His Met Leu Thr Thr Pro Thr Pro Met His Pro Pro Ser
1 5 10 15

Ser Leu Ser Phe Gly Pro His His Pro Leu Gln His Gly His Arg His
20 25 30

Gly Leu Glu Pro Cys Ser Met Leu Thr Gly Pro Pro Ala Arg Val Pro
35 40 45

Ala Val Pro Phe Asp Leu His Phe Cys Arg Ser Ser Ile Met Lys Pro
50 55 60

Lys Arg Asp Gly Tyr Met Phe Leu Lys Ala Glu Ser Lys Ile Met Phe
65 70 75 80

Ala Thr Leu Gln Arg Ser Ser Leu Trp Cys Leu Cys Ser Asn His

85 90 95

<210> 1299
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.M443I"

<400> 1299
Thr Thr Pro Thr Pro Met His Pro Pro Ser Ser Leu Ser Phe Gly Pro
1 5 10 15

His His Pro Ser Ser Met Val Thr Ala Ile Ile Gly
20 25

<210> 1300
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L328fs"

<400> 1300
Arg Arg Leu Ser Ala Ala Arg Arg Ala Gly Thr Ser Cys Ala Asn Cys
1 5 10 15

Gln Thr Thr Thr Thr Thr Leu Trp Arg Leu Glu Glu Glu Cys Gln Trp
20 25 30

Gly Pro Cys Leu Gln Cys Leu Trp Ala Leu Leu Gln Ala Ser Gln Tyr
35 40 45

<210> 1301
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G431fs"

<400> 1301
Gln Ala Glu Leu Lys Arg Leu Ser Glu Leu Leu Thr Glu Ser Ile Ser
1   5   10   15

Arg Gly Thr Phe Phe Val Pro Gly Gly Ala Gln Tyr Leu Leu Arg Ser
            20   25   30

Lys Lys Glu Asp
        35

<210> 1302
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L389fs"

<400> 1302
Val Ser Leu Leu Lys Arg Asn Asn Cys Gly Lys Ala Leu Asp Ile Ala
1   5   10   15

Arg Gln Ala Arg Asp Met Leu Gly Gly Met Gly Phe Leu Thr Ser Ile
            20   25   30

Thr

<210> 1303
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R82C"

<400> 1303
Glu Glu Gln Leu Thr Thr Asp Glu Ile Leu Ile Arg Asp Thr Phe Arg

1 5 10 15

Thr Tyr Cys Gln Glu Arg Leu Met Pro Cys Cys Ile Leu Leu Ala Asn
20 25 30

Arg Asn Glu Val Phe His Arg Glu Ile Ile Ser Glu Met Gly Glu Leu
35 40 45

Gly Val Leu Gly
50

<210> 1304
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T307A"

<400> 1304
Arg Val Leu Lys Arg Lys Thr Phe Asn Lys Val Leu Gly His Val Asn
1 5 10 15

Asn Ile Leu Ile Ser Ala Val Leu Pro Ala Ala Ala Phe Arg Val Ala
20 25 30

Lys Lys Arg Ala Pro Lys Val Leu Gly Thr Thr Leu Val Val Gly Leu
35 40 45

Leu Ala Gly Val
50

<210> 1305
<211> 103
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E105fs"

<400> 1305
Gly Gln Thr Gly Gly Leu Thr Gln Pro Lys Lys Asp Glu Pro Lys Lys

1 5 10 15

Leu Pro Pro Arg Pro Gly Gly Pro Glu Thr Gln Ala Arg Thr Pro Ser
20 25 30

Pro Asn Lys Ala Gly Tyr Ser Pro Asp Cys Asp Pro Lys Arg Thr Ala
35 40 45

Ser Arg Arg Gln Gly Thr Pro Lys Ser Arg Ile Cys Pro Gln Leu Leu
50 55 60

Pro Ala Glu Glu Gly Gln Gly Ala Arg Ala Pro Thr Arg Ala Gln Gly
65 70 75 80

Ala Val Ser Pro Thr Pro His His Thr Pro Arg Val His Ala Leu Ala
85 90 95

Val Gln Asp Ala Val Arg Cys
100

<210> 1306
<211> 88
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G593fs"

<400> 1306
Ser Val Cys Ser Asp Asn Ser Tyr Asp Thr Tyr Ala Asn Ser Thr Ala
1 5 10 15

Thr Pro Val Gly Pro Arg Gly Gly Gly Gln Pro His Gln Asp Pro His
20 25 30

Arg Ala Glu Trp Ala Leu Ala Glu Asp Met Ser Val Pro Pro Val Pro
35 40 45

Asp Thr Glu Ala Gly Glu Pro Arg Arg Ala Gly Gly Ser Val Ser Glu
50 55 60

Leu Gly Val Leu Trp Glu Arg Ala Pro Gln Pro Pro Cys Gly Leu Gln
65 70 75 80

Pro Leu Val Ser Arg Ser Leu Ser

<210> 1307
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R268L"

<400> 1307
Arg Asp Ser Lys Glu Lys Asn Glu Arg Arg Leu Ala Tyr Gln Lys Arg
1 5 10 15

Lys Glu Ser Met Pro Arg Lys Ala Arg Leu Leu Phe Trp Gly Lys Ile
20 25 30

Val Ala Lys Asn Asn Lys Asn Met Ala Phe Lys Leu Lys Ser Lys Ser
35 40 45

Cys His Asp Leu
50

<210> 1308
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S509L"

<400> 1308
Val Met Ser Phe Gln Ser His Met Thr Leu Lys Pro Thr Cys Glu Ile
1 5 10 15

Phe His Lys Gln Asn Ser Lys Leu Asn Leu Leu Gly Ile Ser Pro Asp
20 25 30

Pro Thr Leu Pro Gln Glu Ser Ile Ser Ala Ser Leu Asn Ser Leu Leu
35 40 45

Leu Pro Lys Asn

50

<210> 1309
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.A17fs"

<400> 1309
Met Arg Leu Leu Gly Ala Ala Ala Val Ala Ala Leu Gly Arg Gly Arg
1 5 10 15

Ala Pro Arg Leu Pro Arg Leu Ala Glu Glu Ala Gly
20 25

<210> 1310
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q308K"

<400> 1310
Leu Gly Thr Val Leu Gln Val Gln Cys Thr Cys Arg Thr Ile Thr Gln
1 5 10 15

Ser Glu Glu Ser Leu Cys Lys Ile Phe Lys Lys His Met Leu His Arg
20 25 30

Lys Ser Cys Phe Asn Tyr Pro Thr Leu Ser Asn Val Lys Gly Met Ala
35 40 45

Leu Tyr Thr Arg
50

<210> 1311
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A63V"

<400> 1311
Met Ser Glu Gln Asp Trp Ser Ala Ile Gln Asn Phe Cys Glu Gln Val
1 5 10 15

Asn Thr Asp Pro Asn Gly Pro Thr His Val Val Pro Trp Leu Leu Ala
20 25 30

His Lys Ile Gln Ser Pro Gln Glu Lys Glu Ala Leu Tyr Ala Leu Thr
35 40 45

Val Leu Glu Met
50

<210> 1312
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R227H"

<400> 1312
Pro Asn Phe Glu Glu Gly Gly Pro Thr Ser Val Gly Arg Lys His Glu
1 5 10 15

Phe Ile Arg Ser Glu Ser Glu Asn Trp His His Ile Phe Arg Glu Glu
20 25 30

Gln Asn Gly Glu Asp Glu Asp Gly Gly Trp Arg Leu Ala Gly Ser Arg
35 40 45

Arg Asp Gly Glu
50

<210> 1313
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V276fs"

<400> 1313
Leu Leu Lys Leu Lys Tyr Asp Glu Lys Ile Lys Asn Ile Arg Glu Glu
1 5 10 15

Ala Glu Arg Asn Ile Phe Lys Asp Val Leu Ile Gly Phe Gly Arg Cys
20 25 30

Phe Gln Lys Tyr Gly Ile Gly Phe Cys Arg Asn Val Ser Phe Ile Leu
35 40 45

Pro Asn Leu Leu
50

<210> 1314
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A544S"

<400> 1314
Ser Cys Cys Glu Lys Gly Asp Thr Phe Phe Val Leu Val Phe Gln Leu
1 5 10 15

Gly Arg Phe Thr Glu Glu Asp Lys Thr Ser Ser Val Ala Lys Leu Glu
20 25 30

Ala Ile Phe Gly Ala Asp Phe Thr Lys Tyr Ala Ile Met Leu Phe Thr
35 40 45

Arg Lys Glu Asp
50

<210> 1315
<211> 79
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G227fs"

<400> 1315
Ser Arg Ser Ser Lys Cys Pro Val Glu Ala Lys Val Thr Ser Gly Arg
1 5 10 15

Glu Thr Leu Arg Leu Arg Ser Gly Gly Leu Pro Gln Trp Arg Lys Arg
20 25 30

Pro Val Ser Leu Arg Arg Arg His Leu Gly Arg Leu Met Thr Cys Trp
35 40 45

Lys Ala Thr Trp Ala Phe Gly Thr Pro Ser Trp Arg Pro Pro Trp Trp
50 55 60

Arg Arg Pro Arg Arg Gln Arg Ala Pro Arg Ser Leu His Ala Val
65 70 75

<210> 1316
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R123L"

<400> 1316
Lys Val His Pro Asn Lys Ala Glu Phe Ile Arg Ala Lys Tyr Gln Met
1 5 10 15

Leu Ala Phe Val His Arg Leu Pro Cys Leu Leu Asp Asp Asp Ser Val
20 25 30

Thr Ala Lys Asp Leu Ser Lys Gln Leu His Ser Ser Val Arg Thr Gly
35 40 45

Asn Leu Glu Thr
50

<210> 1317

<211> 61
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A311fs"

<400> 1317
Tyr Lys Leu Val Thr Gly Asp Arg Asn Asn Ser Ser Cys Arg Asn Tyr
1 5 10 15

Asn Lys Gln Ala Ser Glu Gln Asn Trp Val Ile Thr Val Gln Asn Lys
20 25 30

Ile Glu Trp Gly Arg Arg Glu Ala Pro Ser Leu Thr Pro Met His Ser
35 40 45

Leu Leu Ile Ser Pro Met Ile Thr Arg Ile Leu Lys Asn
50 55 60

<210> 1318
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R160H"

<400> 1318
Leu Ile Phe Lys Leu Ile Ile Glu Phe Leu Phe Leu Tyr Leu Leu His
1 5 10 15

Thr Leu Trp His Gly Phe Asn Met Pro His His Leu Val Gln Cys Ala
20 25 30

Asn Val Ala Pro Cys Pro Asn Ile Val Asp Cys Tyr Ile Ala Arg Pro
35 40 45

Thr Glu Lys Lys
50

<210> 1319

<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R22S"

<400> 1319
Met Asn Trp Ala Phe Leu Gln Gly Leu Leu Ser Gly Val Asn Lys Tyr
1 5 10 15

Ser Thr Val Leu Ser Ser Ser Ile Trp Leu Ser Val Val Phe Ile Phe
20 25 30

Arg Val Leu Val Tyr Val Val Ala Ala Glu Glu Val Trp Asp Asp Glu
35 40 45

<210> 1320
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I407M"

<400> 1320
Lys Met Pro Tyr Glu Pro Leu Thr Pro Val Leu Tyr Leu Ser Leu Trp
1 5 10 15

Asp Ala Leu Lys Tyr Leu Gly Glu Pro Met Met Lys Ser Glu Lys Pro
20 25 30

Ile Asn Met Glu Asn Leu Pro Val Asn Gly Gly Asn Gly Gln Ser Phe
35 40 45

Gly Tyr Ile Leu
50

<210> 1321
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.W272fs"

<400> 1321
Gln Glu Gln Leu Val His His Ile Asn Ser Glu His Ile His Gly Glu
1 5 10 15

Arg Lys Glu Phe Val Cys His Trp Gly Ala Ala Pro Gly Ser
20 25 30

<210> 1322
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P998L"

<400> 1322
Val His Ala Pro Arg Arg Cys Ser Asp Gly Gly Ala His Gly Tyr Gly
1 5 10 15

Arg Arg His Leu Gln Pro His Asp Ala Leu Leu Gly His Gly Val Arg
20 25 30

Arg Ala Ser Asp Pro Val Arg Thr Gly Ser Glu Gly Leu Ala Leu Pro
35 40 45

Arg Val Pro Arg
50

<210> 1323
<211> 70
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.P1033fs"

<400> 1323
Pro Val Arg Thr Gly Ser Glu Gly Leu Ala Leu Pro Arg Val Pro Arg
1   5   10   15

Phe Ser Ser Leu Ser Ser Cys Asn Pro Arg Arg Trp Pro Arg Pro Arg
            20   25   30

Arg Ser Ala Val Ser Cys Phe Arg Ile Thr Arg Gly Pro Arg Ala Ala
        35   40   45

Ser Pro Glu Thr Ser Thr Arg Pro Pro Val Leu Pro Ala Ser Pro Arg
    50   55   60

Thr Ser Pro Trp Ser Pro
65   70

<210> 1324
<211> 129
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G92fs"

<400> 1324
Ile Pro Arg Gly Ser Asn Leu Arg Phe Met Thr Trp Asp Val Ala Leu
1   5   10   15

Ser Arg Thr Ala Arg Ala Trp Gly Lys Asn Val Cys Leu Arg Ile Ile
            20   25   30

Phe Ile Tyr Lys Met Tyr Lys Trp Ser Ile Leu Asn Phe Met Val Leu
        35   40   45

Val Lys Ile Cys Gly Ser Ala Leu Lys Met Asn Leu Leu Gln Val Leu
    50   55   60

Leu Ser Glu Val Gly Met Gln Arg Arg Lys Cys Thr Ile Leu Lys Met
65   70   75   80

Ala Val Ala Leu Glu Thr Val Leu Ile Ile Phe Ser Leu Phe Gly Thr
                85   90   95

Thr Leu Thr Lys Leu Val Val Leu Leu Leu His Val Gln Lys Leu Asp

100 105 110

Ile Leu Tyr Met Gln Gln Phe Ser Tyr Ala Thr Met Arg Gln Glu Glu
115 120 125

His

<210> 1325
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q223fs"

<400> 1325
Lys Leu Glu Leu Gln Gly Val Lys Gly Gly Val Asp His Ala Ala Ala
1 5 10 15

Phe Gly Arg Ile Ala Phe Ser Cys Pro Pro Glu Arg Val Ala Arg Leu
20 25 30

Arg Arg Leu Asp Glu Lys Gly Glu Pro Glu Asp Ser Asp Ser Pro Gly
35 40 45

Glu Pro Gly His Pro Arg Glu Ser Asn Ser Thr Gly Gly His Ser Gly
50 55 60

Arg Pro
65

<210> 1326
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L454I"

<400> 1326
Asp Thr Ile Ser Arg Ala Cys Phe Pro Leu Ala Phe Leu Ile Phe Asn

1 5 10 15

Ile Phe Tyr Trp Val Ile Tyr Lys Ile Ile Ile Arg His Glu Asp Ile
20 25 30

His Gln Gln Gln Asp
35

<210> 1327
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F132L"

<400> 1327
Ala Tyr Ser Glu Tyr Pro Asp Asp Ser Leu Asp Leu Asp Pro Ser Met
1 5 10 15

Leu Asp Ser Ile Trp Lys Pro Asp Leu Leu Leu Phe Ala Asn Glu Lys
20 25 30

Gly Ala Asn Phe His Glu Val Thr Thr Asp Asn Lys Leu Leu Arg Ile
35 40 45

Phe Lys Asn Gly
50

<210> 1328
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A178V"

<400> 1328
Ile Tyr Leu Asp Asp Asp Val Ile Val Gln Gly Asp Ile Gln Glu Leu
1 5 10 15

Tyr Asp Thr Thr Leu Ala Leu Gly His Val Val Ala Ala Phe Ser Asp

```
            20                  25                  30

Asp Cys Asp Leu Pro Ser Ala Gln Asp Ile Asn Arg Leu Val Gly Leu
        35                  40                  45

Gln Asn Thr Tyr
    50
```

<210> 1329
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q389R"

<400> 1329

```
Arg His Gln Glu Leu Phe Arg Leu Arg Gly Ile Lys Ala Gln Val Ala
1               5                   10                  15

Leu Arg Leu Ala Glu Leu Ala Arg Arg Arg Arg Arg Arg Arg Gln Ala
            20                  25                  30

Arg Arg Glu Ala Glu Ala Asp Lys Pro Arg Arg Leu Gly Arg Leu Lys
        35                  40                  45

Tyr Gln Ala Pro
    50
```

<210> 1330
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G380fs"

<400> 1330

```
Cys Tyr Val Asp Met Ser Thr Val Asp Ala Asp Thr Val Thr Glu Leu
1               5                   10                  15

Ala Gln Val Ile Val Ser Arg Gly Gly Ala Leu Ser Gly Ser Pro Arg
```

20 25 30

Leu Arg Glu Ser Ala Ala Val
35

<210> 1331
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R200G"

<400> 1331
Lys Tyr Phe Leu Asp Asn Leu Asp Lys Leu Gly Glu Pro Asp Tyr Ile
1 5 10 15

Pro Ser Gln Gln Asp Ile Leu Leu Ala Gly Gly Arg Pro Thr Lys Gly
20 25 30

Ile His Glu Tyr Asp Phe Glu Ile Lys Asn Val Pro Phe Lys Met Val
35 40 45

Asp Val Gly Gly
50

<210> 1332
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P283Q"

<400> 1332
Lys Trp Phe Thr Asp Thr Ser Ile Ile Leu Phe Leu Asn Lys Lys Asp
1 5 10 15

Ile Phe Glu Glu Lys Ile Lys Lys Ser Gln Gln Leu Thr Ile Cys Phe
20 25 30

Pro Glu Tyr Thr Gly Pro Ser Ala Phe Thr Glu Ala Val Ala Tyr Ile

```
        35                  40                  45

Gln Ala Gln Tyr
    50


<210> 1333
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R844C"

<400> 1333
Gln Tyr Phe Leu Asp Lys Ile Asp Val Ile Lys Gln Ala Asp Tyr Val
1               5                   10                  15


Pro Ser Asp Gln Asp Leu Leu Arg Cys Cys Cys Val Leu Thr Ser Gly
            20                  25                  30


Ile Phe Glu Thr Lys Phe Gln Val Asp Lys Val Asn Phe His Met Phe
        35                  40                  45


Asp Val Gly Gly
    50


<210> 1334
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R844H"

<400> 1334
Gln Tyr Phe Leu Asp Lys Ile Asp Val Ile Lys Gln Ala Asp Tyr Val
1               5                   10                  15


Pro Ser Asp Gln Asp Leu Leu Arg Cys His His Val Leu Thr Ser Gly
            20                  25                  30


Ile Phe Glu Thr Lys Phe Gln Val Asp Lys Val Asn Phe His Met Phe
```

35 40 45

Asp Val Gly Gly
50

<210> 1335
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I80T"

<400> 1335
Leu Ala Lys Ile Tyr Ala Met His Trp Gly Thr Asp Ser Arg Leu Leu
1 5 10 15

Val Ser Ala Ser Gln Asp Gly Lys Leu Thr Thr Ile Trp Asp Ser Tyr
20 25 30

Thr Thr Asn Lys Val His Ala Ile Pro Leu Arg Ser Ser Trp Val Met
35 40 45

Thr Cys Ala Tyr
50

<210> 1336
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T68fs"

<400> 1336
Cys Glu Glu His Ala Arg Ser Asp Pro Leu Leu Ile Gly Ile Pro Thr
1 5 10 15

Ser Glu Asn Pro Phe Lys Asp Lys Lys Leu Ala Ser Ser Tyr Ser Gly
20 25 30

Ile Glu Lys Gln Leu Leu Ala Ser Ser Gln Gln Arg Lys Leu

35 40 45

<210> 1337
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F54fs"

<400> 1337
Ala Ile Ser Pro Thr His Pro Gly Glu Gly Leu Val Leu Arg Pro Leu
1 5 10 15

Cys Thr Ala Asp Leu Asn Arg Gly Phe Leu Arg Tyr Trp Val Ser
20 25 30

<210> 1338
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1189Q"

<400> 1338
Val Lys Ala Val Leu Arg Asp Phe Tyr Glu Ser Met Phe Pro Ile Pro
1 5 10 15

Ser Gln Phe Glu Leu Pro Arg Glu Tyr Gln Gln Asn Arg Phe Leu His
20 25 30

Met His Glu Leu Gln Glu Trp Arg Ala Tyr Arg Asp Lys Leu Lys Phe
35 40 45

Trp Thr His Cys
50

<210> 1339
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q1536H"

<400> 1339
Lys Lys Glu Ser Asn Leu Glu Thr Glu Leu Lys Ser Gln Thr Ala Arg
1 5 10 15

Ile Met Glu Leu Glu Asp His Ile Thr His His Lys Thr Ile Glu Ile
20 25 30

Glu Ser Leu Asn Glu Val Leu Lys Asn Tyr Asn Gln Gln Lys Asp Ile
35 40 45

Glu His Lys Glu
50

<210> 1340
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L492I"

<400> 1340
Glu Leu Glu Glu Leu Arg His Glu Lys Glu Met Gln Arg Glu Glu Ile
1 5 10 15

Gln Lys Leu Met Gly Gln Ile His Gln Ile Ile Arg Ser Glu Leu Gln
20 25 30

Asp Met Glu Ala Gln Gln Val Asn Glu Ala Glu Ser Ala Arg Glu Gln
35 40 45

Leu Gln Asp Leu
50

<210> 1341
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R355W"

<400> 1341
Ile Leu Asn Thr Pro Asp Leu Arg Lys Gln Trp Leu Gln Glu Val Lys
1 5 10 15

Val Met Ala Asp Arg Ile Ile Gly Met Trp Trp Thr Gln Leu Val Ser
20 25 30

Asn Leu Lys Lys Glu Gly Ser Thr His Asn Trp Gln His Ile Thr Asp
35 40 45

Gln Ile Gly Met
50

<210> 1342
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S41L"

<400> 1342
Leu Ala Leu Val Ser Cys Ile Leu Thr Gln Ala Ser Ala Val Gln Arg
1 5 10 15

Gly Tyr Gly Asn Pro Ile Glu Ala Ser Leu Leu Tyr Gly Leu Asp Leu
20 25 30

Asp Cys Gly Ala Pro Gly Thr Pro Glu Ala His Val Cys Phe Asp Pro
35 40 45

Cys Gln Asn Tyr
50

<210> 1343
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K210fs"

<400> 1343
Phe Leu Ala Arg Leu Lys Gly Gln Asp Pro Gly Ala Pro Gln Leu Gln
1 5 10 15

Ser Glu Ser Lys Pro Pro Lys Lys Lys Glu Lys Glu Lys Glu Ala Glu
20 25 30

Arg Gly Gly Arg Ser Tyr Ser Ile
35 40

<210> 1344
<211> 97
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K210fs"

<400> 1344
Ala Phe Leu Ala Arg Leu Lys Gly Gln Asp Pro Gly Ala Pro Gln Leu
1 5 10 15

Gln Ser Glu Ser Lys Pro Pro Lys Lys Arg Lys Arg Lys Gly Gly Arg
20 25 30

Lys Arg Arg Lys Lys Leu Gln His Leu Lys Gly Met Met Gln Met Arg
35 40 45

Ser Thr Gln Asn Met Leu Ser Arg Thr Ser Glu Lys Ala Arg Arg Arg
50 55 60

Lys Gly Asp Ile Lys Lys Glu Arg Ser Gln Met Lys Glu Arg Val Gln
65 70 75 80

Leu Lys Gly Met Arg Arg Arg Thr Leu Gln Glu Gln Val Gly Leu Gly
85 90 95

Asn

<210> 1345
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R347L"

<400> 1345
Leu Val Asn Asp Ala Val Leu Gln Ala His Leu Asn Gly Gln Lys Leu
1 5 10 15

Leu Glu Gln Val Asn Arg Ile Cys Gly Leu Leu Pro Val Arg Thr Pro
20 25 30

Thr Gln Ser Pro Arg Cys Ser Phe Asp Gln Ser Lys Glu Lys His Gly
35 40 45

Met Lys Thr Thr
50

<210> 1346
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A214T"

<400> 1346
Cys Val Ser Lys Tyr Thr Asp Gln Leu Lys Pro Phe Gly Asp Val Pro
1 5 10 15

Arg Lys Leu Lys Ile Gln Val Thr Arg Thr Thr Phe Ile Ala Ala Arg
20 25 30

Thr Phe Val Gln Gly Leu Thr Val Gly Arg Glu Val Ala Asn Arg Val
35 40 45

Ser Lys Val Ser

50

<210> 1347
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R717Q"

<400> 1347
Thr Arg Met Tyr Ala Leu Thr Ser Asp Ala Gln Pro Leu Leu Leu Ser
1 5 10 15

Thr Phe Ser Gly Asp Arg Arg Phe Ser Gln Gln Phe Gly Gly Val Leu
20 25 30

His Leu Ser Asp Leu Asp Asp Asp Gly Leu Asp Glu Ile Ile Met Ala
35 40 45

Ala Pro Leu Arg
50

<210> 1348
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A50V"

<400> 1348
Ile Pro Tyr Ala Ser Leu Ile Ala Thr Ile Leu Leu Tyr Ala Gly Val
1 5 10 15

Ala Leu Phe Cys Gly Cys Gly His Glu Val Val Leu Ser Gly Thr Val
20 25 30

Asn Ile Leu Gln Thr Tyr Phe Glu Met Ala Arg Thr Ala Gly Asp Thr
35 40 45

Leu Asp Val Phe

50

<210> 1349
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I174M"

<400> 1349
Gly Gln Ser His His Asn Val Phe Pro Asp Gly Lys Pro Phe Pro His
1 5 10 15

His Pro Gly Trp Arg Arg Trp Asn Phe Met Met Tyr Val Phe His Thr
20 25 30

Leu Gly Gln Tyr Phe Gln Lys Leu Gly Arg Cys Ser Val Arg Val Ser
35 40 45

Val Asn Thr Ala
50

<210> 1350
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.C3fs"

<400> 1350
Met Glu Cys Leu Leu Phe Pro Gly Ile Ser Ala Pro Gly Cys Lys Ile
1 5 10 15

Ala Thr

<210> 1351
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R443G"

<400> 1351
Thr Ala Leu Pro Leu Asn Phe Ser Arg Lys Phe Ile Asp Trp Lys Gly
1 5 10 15

Ile Pro Val Asn Lys Ser Gln Leu Lys Gly Gly Gly Tyr Ser Tyr Gln
20 25 30

Ile Lys Met Cys Pro Gln Asn Thr Ser Ile Pro Ile Arg Gly Arg Val
35 40 45

Leu Ile Gly Ser
50

<210> 1352
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S1283Y"

<400> 1352
Lys Asp Gln Met Thr Ile Ser Leu Gly Lys Thr Pro Arg Thr Met Glu
1 5 10 15

Val Thr Glu Met Ser Pro Ser Lys Asn Tyr Tyr Phe Ile Ser Tyr Ser
20 25 30

Arg Gly Thr Pro Ser Leu Glu Met Thr Asp Thr Gly Phe Pro Glu Thr
35 40 45

Thr Lys Ile Ser
50

<210> 1353
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L630P"

<400> 1353
Pro Arg Thr Pro His Cys Val Gly Lys Lys Val Pro Gln Pro Val Gly
1 5 10 15

Ala Ala Asp Leu Ala Pro Asp Thr Ser Pro Pro Cys Arg Lys Glu Gly
20 25 30

Ser Ser Ala Ser Arg Ser Cys Arg Pro Gly Pro Gly His Leu Thr Arg
35 40 45

Arg Glu Glu Asp
50

<210> 1354
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R113Q"

<400> 1354
Leu Ser Asn Asn Lys Ile Ser Glu Leu Lys Asn Gly Ser Phe Ser Gly
1 5 10 15

Leu Ser Leu Leu Glu Arg Leu Asp Leu Gln Gln Asn Asn Leu Ile Ser
20 25 30

Ser Ile Asp Pro Gly Ala Phe Trp Gly Leu Ser Ser Leu Lys Arg Leu
35 40 45

Asp Leu Thr Asn
50

<210> 1355
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G240C"

<400> 1355
Lys Ile Ser Lys Met Ser Leu Ala Asn Ile Tyr Leu Glu Ser Lys Gly
1 5 10 15

Ser Ser Val Cys Gln Val Thr Ala Ile Cys Cys Val Thr Val Ile Leu
20 25 30

Leu Tyr Thr Ser Arg Ala Cys Tyr Asn Leu Phe Ile Leu Ser Phe Ser
35 40 45

Gln Asn Lys Ser
50

<210> 1356
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F754L"

<400> 1356
Pro Val Pro Ser Gly Cys Ala Ser Leu Ser Ser Gln His Ser Tyr Phe
1 5 10 15

Asp Thr Glu Ser Ser Ser Ser Asp Glu Leu Leu Phe Cys Arg Cys His
20 25 30

Arg Pro Tyr Cys Glu Ile Cys Phe Gln Ser Ser Ser Asp Ser Ser Asp
35 40 45

Ser Gly Thr Ser
50

<210> 1357
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D566N"

<400> 1357
Leu Ile Gly Trp Thr Ser Ser Val Cys Gln Asn Leu Glu Lys Gln Ile
1 5 10 15

Ser Leu Ile Gly Gln Gly Lys Thr Ser Asn Asn His Leu Ile Phe Asn
20 25 30

Met Cys Leu Ile Asp Arg Trp Asp Tyr Met Thr Ala Val Ala Glu Phe
35 40 45

Leu Phe Leu Leu
50

<210> 1358
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P762T"

<400> 1358
Asn Pro His Leu Gln Lys Lys Arg Cys Ser Lys Lys Gly Leu Gly Arg
1 5 10 15

Ser Ile Met Arg Arg Ile Thr Glu Ile Thr Thr Glu Thr Val Ser Arg
20 25 30

Gln Cys Ser Lys Glu Asp Lys Glu Gly Ala Asp His Gly Thr Ala Lys
35 40 45

Gly Thr Ala Leu
50

<210> 1359
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G517fs"

<400> 1359
Ala Glu Ala Lys Ile Asn Leu Phe Gly Glu Glu Ala Leu Pro Gly Val
1 5 10 15

Leu Val Thr Ala Arg Thr Val Pro Gly Ala Ala Ser Gly Ala Ala Glu
20 25 30

Ala Ala Glu Leu Leu
35

<210> 1360
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R216H"

<400> 1360
Phe Thr Leu Phe Ile Val Met Met Leu Tyr Ala Pro Ala Ala Leu Ile
1 5 10 15

Val Cys Phe Thr Tyr Phe Asn Ile Phe His His Ile Cys Gln Gln His
20 25 30

Thr Lys Asp Ile Ser Glu Arg Gln Ala Arg Phe Ser Ser Gln Ser Gly
35 40 45

Glu Thr Gly Glu
50

<210> 1361
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.AAAAATAAGGPDTGEWGPPA36del"

<400> 1361
Ala Ala Met Asn Ala Ser Ala Ala Ser Leu Asn Asp Ser Gln Val Val
1   5   10   15

Val Val Ala Ala Glu Gly Ala Ala Ala Leu Gly Ala Gly Gly Gly Ala
            20   25   30

Asn Gly Ser Leu Glu Leu Ser Ser Gln Leu Ser Ala Gly Pro Pro Gly
        35   40   45

Leu Leu Leu Pro Ala Val Asn Pro Trp Asp Val Leu Leu Cys Val Ser
    50   55   60

Gly Thr Val Ile Ala Gly Glu Asn Ala Leu Val Val Ala Leu Ile Ala
65   70   75   80

Ser Thr Pro Ala Leu Arg Thr Pro Met Phe Val Leu Val Gly Ser Leu
                85   90   95

Ala Thr Ala Asp Leu Leu Ala Gly Cys Gly Leu Ile Leu His
            100   105   110

<210> 1362
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R4142W"

<400> 1362
Arg Phe Thr Ile Gln Leu Ile Ser Ile Asp Glu Val Glu Ile Ser Pro
1   5   10   15

Val Lys Gly Ser Ala Ser Ile Ile Ile Trp Trp Gly Asp Lys Arg Ala
            20   25   30

Ser Gly Glu Val Gly Ile Ala Pro Ser Ser Arg His Ile Leu Ile Gly
        35   40   45

Glu Pro Ser Ala

50

<210> 1363
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G4307W"

<400> 1363
Gln Arg Val Asn Ile Thr Ile Ile Arg Ser Ser Gly Asp Phe Gly His
1 5 10 15

Val Arg Leu Trp Tyr Lys Thr Met Ser Trp Trp Thr Ala Glu Ala Gly
20 25 30

Leu Asp Phe Val Pro Ala Ala Gly Glu Leu Leu Phe Glu Ala Gly Glu
35 40 45

Met Arg Lys Ser
50

<210> 1364
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y6152F"

<400> 1364
Ala Tyr Arg His Phe Trp Met Leu Val Leu Phe Val Ile Phe Asn Ser
1 5 10 15

Leu Gln Gly Leu Tyr Val Phe Met Val Phe Phe Phe Ile Leu His Asn
20 25 30

Gln Met Cys Cys Pro Met Lys Ala Ser Tyr Thr Val Glu Met Asn Gly
35 40 45

His Pro Gly Pro

50

<210> 1365
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S706L"

<400> 1365
Lys Glu Pro Cys Met Tyr Pro Ala Gly Gly Gly Ser Trp Lys Ser Arg
1 5 10 15

Pro Glu Glu Glu Glu Asp Ile Val Asn Leu Leu Trp Phe Trp Ser Arg
20 25 30

Lys Tyr Thr Lys Pro Glu Ala Ile Ile Gly Ser Trp Leu Trp Ala Thr
35 40 45

Glu Glu Ser Asn
50

<210> 1366
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V30I"

<400> 1366
Val Pro Asp Gly Cys Arg Asn Gly Leu Lys Ser Lys Tyr Tyr Arg Leu
1 5 10 15

Cys Asp Lys Ala Glu Ala Trp Gly Ile Ile Ile Leu Glu Thr Val Ala
20 25 30

Thr Ala Gly Val Val Thr Ser Val Ala Phe Met Leu Thr Leu Pro Ile
35 40 45

Leu Val Cys Lys

50

<210> 1367
<211> 75
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.231_239RKEDPGSLR>R"

<400> 1367
Lys Glu Asp Leu Gly Ser Leu Gly Lys Val Asp Pro Leu Cys Ser Ser
1 5 10 15

Lys Thr Tyr Thr Val Ser Pro Arg Lys Arg Val Asp Pro Val Ser Ser
20 25 30

Asp Lys Val Asp Pro Val Phe Pro Arg Lys Glu Glu Pro Arg Tyr Ser
35 40 45

Gly Lys Glu His Pro Val Ser Ser Glu Lys Val Ala Pro Thr Ser Ala
50 55 60

Glu Lys Val Asp Leu Val Leu Ser Gly Lys Arg
65 70 75

<210> 1368
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R446H"

<400> 1368
Ala Pro Ala Ser Glu Asp Ser Leu Ser Val Glu Gly Arg Arg Gly Pro
1 5 10 15

Leu Arg Ala Val Met Gln Ser Leu Arg His His Pro Ser Cys Cys Gly
20 25 30

Cys Ser Gly Ala Ala Pro Glu

35

<210> 1369
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T100P"

<400> 1369
Ala Arg Ala Ser Gly Pro Lys Ala Arg Pro Ser Ala Gly Gly His Trp
1 5 10 15

Trp Ser Ser Thr Val Gly Asn Val Ser Pro Pro Met Gly Gly Ser Asp
20 25 30

Leu Cys Arg Leu Arg Ala Pro Ser Ala Ala Ala Met Gln Arg Ser His
35 40 45

Ser Asp Leu Val
50

<210> 1370
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V241M"

<400> 1370
Lys Ala Ala Glu Gln Leu Ala Thr Thr Thr Cys His Ala Leu Pro Pro
1 5 10 15

Ala Ala Leu Leu Cys Gly Met Arg Glu Met Met Arg Ala Gly Gly Cys
20 25 30

Cys His Ala Leu Pro Ala Thr Gly Ile Leu Ala Phe Pro Lys Leu Val
35 40 45

Ala Ser Val Ser

50

<210> 1371
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R633fs"

<400> 1371
Pro Ser Asp Pro Met Gly Asp Ser Ser Pro Gly Ser Gly Lys Lys Thr
1 5 10 15

Pro Ser Arg Ser Val Lys Ala Ser Pro Pro Gly Pro Ala Ala Ser Ala
20 25 30

Ser Ser Ser Arg Ser Lys Ser
35

<210> 1372
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R10P"

<400> 1372
Met Gln Arg Ala Ala Ala Leu Val Arg Pro Pro Gly Cys Gly Pro Arg
1 5 10 15

Thr Pro Ser Ser Trp Gly Arg Ser Gln Ser Ser Ala Ala Ala Glu Ala
20 25 30

Ser Ala Val Leu
35

<210> 1373
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I123M"

<400> 1373
Asp Phe Leu Leu Gln Gly Arg Leu Tyr Ile Ser Pro Asn Trp Leu Cys
1 5 10 15

Phe His Ala Ser Leu Phe Gly Lys Asp Met Met Lys Val Val Ile Pro
20 25 30

Val Val Ser Val Gln Met Ile Lys Lys His Lys Met Ala Arg Leu Leu
35 40 45

Pro Asn Gly Leu
50

<210> 1374
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E69D"

<400> 1374
Gly Tyr Val Pro Lys Asn Phe Ile Asp Ile Gln Phe Pro Lys Trp Phe
1 5 10 15

His Glu Gly Leu Ser Arg His Gln Ala Asp Asp Asn Leu Leu Met Gly
20 25 30

Lys Glu Val Gly Phe Phe Ile Ile Arg Ala Ser Gln Ser Ser Pro Gly
35 40 45

Asp Phe Ser Ile
50

<210> 1375
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A300T"

<400> 1375
Arg His Leu Gln Phe Phe Ser Glu Phe Gly Asn Ser Asp Ile Tyr Val
1 5 10 15

Ser Leu Ala Gly Lys Lys Lys His Gly Thr Thr Pro Thr Asn Tyr Gly
20 25 30

Phe Cys Phe Lys Pro Asn Lys Ala Gly Gly Pro Arg Asp Leu Lys Met
35 40 45

Leu Cys Ala Glu
50

<210> 1376
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R239L"

<400> 1376
Ile Ser His Glu Asp Leu Ile Gln Asn Phe Leu Asn Ala Gly Ser Phe
1 5 10 15

Pro Glu Ile Gln Gly Phe Leu Gln Leu Leu Leu Gly Ser Gly Arg Lys
20 25 30

Leu Trp Lys Arg Phe Phe Cys Phe Leu Arg Arg Ser Gly Leu Tyr Tyr
35 40 45

Ser Thr Lys Gly
50

<210> 1377
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S344Y"

<400> 1377
Glu Ser Pro Ser Ala Pro Asp Gly Gly Cys Pro Gln Gly Gly Gly Asn
1 5 10 15

Arg Ala Lys Tyr Glu Ser Ala Gly Met Tyr Tyr Cys Val Pro Gln Val
20 25 30

Gly Leu Val Gly Pro Ala Ser Val Thr Phe Pro Val Val Ala Ser Gly
35 40 45

Glu Pro Val Ser
50

<210> 1378
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G608W"

<400> 1378
Leu Val Asn Met Asp Asp Asn Ile Val Lys His Tyr Ser Asn Glu Asp
1 5 10 15

Thr Phe Gln Leu Gln Ile Glu Glu Ala Trp Trp Gly Ser Tyr Lys Leu
20 25 30

Thr Leu Thr Glu Ile
35

<210> 1379
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R218C"

<400> 1379
Glu Gly Tyr Arg Met Leu Phe Gln Asp Leu Glu Lys Lys Lys Glu Arg
1   5   10   15

Leu Val Val Val Asp Cys Glu Ser Glu Cys Cys Leu Asn Ala Ile Leu
            20   25   30

Gly Gln Ile Ile Lys Leu Glu Lys Asn Gly Ile Gly Tyr His Tyr Ile
        35   40   45

Leu Ala Asn Leu
    50

<210> 1380
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R845Q"

<400> 1380
Leu Val Gly Gly Leu Gly Leu Ala Met Leu Val Ala Leu Ile Glu Phe
1   5   10   15

Cys Tyr Lys Ser Arg Ala Glu Ala Lys Gln Gln Met Lys Val Ala Lys
            20   25   30

Asn Ala Gln Asn Ile Asn Pro Ser Ser Ser Gln Asn Ser Gln Asn Phe
        35   40   45

Ala Thr Tyr Lys
    50

<210> 1381
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E622K"

<400> 1381
Pro Arg Pro Ser Ala Ser Ala Thr Leu His Ser Ala Ile Trp Ile Val
1   5   10   15

Tyr Gly Ala Phe Val Gln Gln Gly Gly Lys Lys Ser Ser Val Asn Ser
            20   25   30

Met Ala Met Arg Ile Val Met Gly Ser Trp Trp Leu Phe Thr Leu Ile
        35   40   45

Val Cys Ser Ser
    50

<210> 1382
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R683L"

<400> 1382
Val Ser Arg Met Asp Asn Pro Ile Arg Thr Phe Gln Asp Leu Ser Lys
1   5   10   15

Gln Val Glu Met Ser Tyr Gly Thr Val Leu Leu Asp Ser Ala Val Tyr
            20   25   30

Glu Tyr Phe Arg Ala Lys Gly Thr Asn Pro Leu Glu Gln Asp Ser Thr
        35   40   45

Phe Ala Glu Leu
    50

<210> 1383
<211> 58
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T649fs"

<400> 1383
Tyr Thr Thr Leu Ala Thr Arg Met Met Met Gly Ala Trp Trp Leu Phe
1   5   10   15

Ala Leu Ile Val Ile Ser Ser Tyr Thr Gln Thr Ser Leu Leu Ser Ser
            20   25   30

Leu Leu His Ala Leu Lys Val Pro Ser Ser Leu Ser Arg Thr Phe Pro
        35   40   45

Ser Lys Gln Lys Ser Leu Met Ala Gln Ser
    50   55

<210> 1384
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R368Q"

<400> 1384
Val Ser Ser Leu Gln Cys His Arg His Lys Pro Trp Arg Leu Gly Pro
1   5   10   15

Arg Phe Met Asn Leu Ile Lys Glu Ala Gln Gln Trp Asp Gly Leu Thr
            20   25   30

Gly His Ile Thr Phe Asn Lys Thr Asn Gly Leu Arg Lys Asp Phe Asp
        35   40   45

Leu Asp Ile Ile
    50

<210> 1385
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R519Q"

<400> 1385
Trp Asn Gly Met Ile Gly Glu Val Val Met Lys Arg Ala Tyr Met Ala
1   5   10   15

Val Gly Ser Leu Thr Ile Asn Glu Glu Gln Gln Ser Glu Val Val Asp
            20   25   30

Phe Ser Val Pro Phe Ile Glu Thr Gly Ile Ser Val Met Val Ser Arg
        35   40   45

Ser Asn Gly Thr
    50

<210> 1386
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.K22fs"

<400> 1386
Met Glu Leu Glu Asn Ile Val Ala Asn Ser Leu Leu Leu Lys Ala Arg
1   5   10   15

Gln Gly Gly Tyr Gly Lys Lys Lys Trp Ser
            20   25

<210> 1387
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F682L"

<400> 1387
Ser Ala Leu Leu Thr Lys Thr Asn Cys Ile Ala Arg Ile Phe Asp Gly

1 5 10 15

Val Lys Asn Gly Ala Gln Arg Pro Lys Leu Leu Ile Ser Pro Ser Ser
20 25 30

Gln Val Phe Ile Cys Leu Gly Leu Ile Leu Val Gln Ile Val Met Val
35 40 45

Ser Val Trp Leu
50

<210> 1388
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R183C"

<400> 1388
Ala Asn Leu Leu Arg Leu Phe Gln Ile Pro Gln Ile Ser Tyr Ala Ser
1 5 10 15

Thr Ser Ala Lys Leu Ser Asp Lys Ser Cys Cys Tyr Asp Tyr Phe Ala
20 25 30

Arg Thr Val Pro Pro Asp Phe Tyr Gln Ala Lys Ala Met Ala Glu Ile
35 40 45

Leu Arg Phe Phe
50

<210> 1389
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P895fs"

<400> 1389
Ser Ser Gly Glu Thr Leu Arg Tyr Lys Asp Arg Arg Leu Ala Gln His

1 5 10 15

Lys Ser Glu Ile Glu Cys Phe Thr Pro Gln Arg Glu Tyr Gly Glu Trp
20 25 30

Trp Glu Ser Asn Asn Glu Gln Phe Gln Trp Lys Ile Arg His Val Gly
35 40 45

Pro Glu
50

<210> 1390
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E363D"

<400> 1390
Gly Phe Asp Gln Tyr Phe Met Thr Arg Ser Leu Glu Asn Asn Arg Arg
1 5 10 15

Asn Ile Trp Phe Ala Glu Phe Trp Glu Asp Asp Asn Phe Asn Cys Lys
20 25 30

Leu Thr Ser Ser Gly Thr Gln Ser Asp Asp Ser Thr Arg Lys Cys Thr
35 40 45

Gly Glu Glu Arg
50

<210> 1391
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A718fs"

<400> 1391
Ser Pro Thr Ser Gln Leu Val Ile Thr Phe Ser Leu Thr Ser Leu Gln

1 5 10 15

Val Val Gly Met Ile Ala Trp Leu Gly Gly Pro Ala Pro Thr Gln Arg
20 25 30

Asp

<210> 1392
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R679Q"

<400> 1392
Val Cys Ser Phe Arg Arg Val Phe Leu Gly Leu Gly Met Cys Ile Ser
1 5 10 15

Tyr Ala Ala Leu Leu Thr Lys Thr Asn Gln Gln Ile Tyr Arg Ile Phe
20 25 30

Glu Gln Gly Lys Lys Ser Val Thr Ala Pro Arg Leu Ile Ser Pro Thr
35 40 45

Ser Gln Leu Ala
50

<210> 1393
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R852C"

<400> 1393
Ser Val Ser Leu Gly Met Leu Tyr Met Pro Lys Val Tyr Ile Ile Ile
1 5 10 15

Phe His Pro Glu Gln Asn Val Gln Lys Cys Cys Lys Arg Ser Phe Lys

20 25 30

Ala Val Val Thr Ala Ala Thr Met Gln Ser Lys Leu Ile Gln Lys Gly
35 40 45

Asn Asp Arg Pro
50

<210> 1394
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R192L"

<400> 1394
Ala Met Pro Lys Lys Asp Ala Arg Thr Leu Leu Ala Arg Phe Asn Glu
1 5 10 15

Gln Ile Glu Pro Ile Tyr Ala Leu Leu Leu Leu Glu Thr Glu Asp Val
20 25 30

Asn Leu Ala Tyr Glu Ile Leu Glu Pro Glu Pro Thr Glu Ile Pro Ala
35 40 45

Leu Lys Gln Ser
50

<210> 1395
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K306N"

<400> 1395
His Ala Gly Cys Gly Lys Thr Phe Ala Met Lys Gln Ser Leu Thr Arg
1 5 10 15

His Ala Val Val His Asp Pro Asp Lys Asn Asn Lys Met Lys Leu Lys

20 25 30

Val Lys Lys Ser Arg Glu Lys Arg Ser Leu Ala Ser His Leu Ser Gly
35 40 45

Tyr Ile Pro Pro
50

<210> 1396
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S767fs"

<400> 1396
Lys Glu Gly Pro Ser Gly Ser Gly Asp Ser Gln Leu Ser Ala Ser Ser
1 5 10 15

Arg Ser Glu Ser Gly Arg Met Lys Lys Val Ile Ile Lys Trp Ala
20 25 30

<210> 1397
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E562fs"

<400> 1397
Leu Ile Asp Leu Val Arg Trp Lys Ile Leu Lys Asp Lys His Ile Pro
1 5 10 15

Gln Phe Leu Gln Glu Ala Leu Glu Lys Arg Leu Lys Ala Val Glu Ser
20 25 30

Pro Ile Phe Gly Val Leu Ser Phe Ser Ser
35 40

<210> 1398

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G549C"

<400> 1398
Asn Phe Thr Glu Lys Gln Lys Ile Glu Leu Asn Lys Leu Leu Gln Ile
1 5 10 15

Asp Tyr Tyr Asn Leu Thr Lys Phe Tyr Cys Cys Thr Val Lys Leu Asp
20 25 30

Thr Met Ile Phe Gly Val Ile Glu Tyr Cys Glu Arg Gly Ser Leu Arg
35 40 45

Glu Val Leu Asn
50

<210> 1399
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C500R"

<400> 1399
Pro Ser Arg Pro Val Thr Phe Val Ser Asn Ser Asn Tyr Ala Ala Asp
1 5 10 15

Lys Gly Ala Pro Tyr Val Asp Val Ile Arg Arg Leu Asn Ser Tyr Tyr
20 25 30

Ser Trp Tyr His Asp Tyr Gly His Leu Glu Leu Ile Gln Leu Gln Leu
35 40 45

Ala Thr Gln Phe
50

<210> 1400

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L501V"

<400> 1400
Ser Arg Pro Val Thr Phe Val Ser Asn Ser Asn Tyr Ala Ala Asp Lys
1 5 10 15

Gly Ala Pro Tyr Val Asp Val Ile Cys Val Val Asn Ser Tyr Tyr Ser
20 25 30

Trp Tyr His Asp Tyr Gly His Leu Glu Leu Ile Gln Leu Gln Leu Ala
35 40 45

Thr Gln Phe Glu
50

<210> 1401
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.L223fs"

<400> 1401
Ser Gln Arg Leu Phe Leu Pro Leu Ile Leu Lys Glu Val Asp Ser Leu
1 5 10 15

Leu Tyr Val Asp Thr Asp Ile Leu Phe Phe Thr Thr Ser
20 25

<210> 1402
<211> 61
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A214fs"

<400> 1402
Pro Gly Ala Ala Thr Glu Lys Ala Arg Lys Gln Gly Gly Ala Ala Lys
1   5   10   15

Asp Thr Arg Ala Gln Ser Gly Glu Ala Lys Glu Gly Ala Pro Gln Ala
            20   25   30

Arg Gln Gly His Ala Gly Thr Phe Gln Cys Trp Trp Ala Gln Gln Glu
        35   40   45

Gly Lys Gly Gln Arg Gln Gln Glu Gln Pro Arg Arg Cys
    50   55   60

<210> 1403
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q125R"

<400> 1403
Leu Ile Lys Ala Thr Ile Ala Gly Gly Gly Val Ile Pro His Ile His
1   5   10   15

Lys Ser Leu Ile Gly Lys Lys Gly Gln Arg Arg Lys Thr Ala
            20   25   30

<210> 1404
<211> 77
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K144fs"

<400> 1404
Gly Lys Ser Glu Thr Ile Leu Ser Pro Pro Pro Glu Lys Arg Gly Arg

1 5 10 15

Lys Ala Thr Ser Gly Lys Lys Gly Gly Arg Asn Pro Arg Leu Pro Asn
20 25 30

His Gly Arg Pro Lys Ser Pro Asn Gln Arg Thr Ala Ile Lys Lys Glu
35 40 45

Leu Gln Ile Pro Pro Leu Lys Met Gly Gln Gly Met Asp Ser Pro Phe
50 55 60

Cys Leu Leu Arg Ala Leu Phe Trp Asp Arg Ser Cys Pro
65 70 75

<210> 1405
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R131L"

<400> 1405
Asp Thr Asn Leu Cys Ala Ile His Ala Lys Arg Val Thr Ile Met Pro
1 5 10 15

Lys Asp Ile Gln Leu Ala Arg Arg Ile Leu Leu Gly Glu Arg Ala
20 25 30

<210> 1406
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R172C"

<400> 1406
Ala Glu Lys Met Gly Tyr Lys Ala Ile Phe Val Thr Val Asp Thr Pro
1 5 10 15

Tyr Leu Gly Asn Arg Leu Asp Asp Val Cys Cys Asn Arg Phe Lys Leu

20 25 30

Pro Pro Gln Leu Arg Met Lys Asn Phe Glu Thr Ser Thr Leu Ser Phe
35 40 45

Ser Pro Glu Glu
50

<210> 1407
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H12N"

<400> 1407
Met Ser Leu Val Cys Leu Thr Asp Phe Gln Ala Asn Asn Ala Arg Glu
1 5 10 15

Gln Leu Ser Lys Ser Thr Arg Asp Phe Ile Glu Gly Gly Ala Asp Asp
20 25 30

Ser Ile Thr Arg Asp Asp
35

<210> 1408
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R168H"

<400> 1408
Asn Lys Val Lys Lys Met Lys Arg Tyr His Val Gly Lys Val Trp Arg
1 5 10 15

Arg Glu Ser Pro Thr Ile Val Gln Gly His His Tyr Arg Glu Phe Cys
20 25 30

Gln Cys Asp Phe Asp Ile Ala Gly Gln Phe Asp Pro Met Ile Pro Asp

35 40 45

Ala Glu Cys Leu
50

<210> 1409
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S530fs"

<400> 1409
Glu Asn Ser Pro Leu Ser Asp Val Ala Lys Asn Thr Glu Ser Ser Ala
1 5 10 15

Phe Gly Gly Ser Leu Pro Ala Lys Lys Val Ile His Phe Lys Lys Ser
20 25 30

Lys Ile Ile Trp
35

<210> 1410
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F42L"

<400> 1410
Gly Lys Val Asn Val Asp Glu Val Gly Gly Glu Ala Leu Gly Arg Leu
1 5 10 15

Leu Val Val Tyr Pro Trp Thr Gln Arg Leu Leu Phe Glu Ser Phe Gly
20 25 30

Asp Leu Ser Thr Pro Asp Ala Val Met Gly Asn Pro Lys Val Lys Ala
35 40 45

His Gly Lys Lys

50

<210> 1411
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F86C"

<400> 1411
Val Lys Ala His Gly Lys Lys Val Leu Gly Ala Phe Ser Asp Gly Leu
1 5 10 15

Ala His Leu Asp Asn Leu Lys Gly Thr Cys Cys Ala Thr Leu Ser Glu
20 25 30

Leu His Cys Asp Lys Leu His Val Asp Pro Glu Asn Phe Arg Leu Leu
35 40 45

Gly Asn Val Leu
50

<210> 1412
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G499V"

<400> 1412
Pro Leu Phe Ala Asn Ala Asp Pro Asn Phe Val Thr Ala Met Leu Ser
1 5 10 15

Lys Leu Arg Phe Glu Val Phe Gln Pro Val Val Asp Tyr Ile Ile Arg
20 25 30

Glu Gly Ala Val Gly Lys Lys Met Tyr Phe Ile Gln His Gly Val Ala
35 40 45

Gly Val Ile Thr

50

<210> 1413
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R659L"

<400> 1413
Gln Ala Ile Ala Pro Ile Asn Tyr Pro Gln Met Thr Thr Leu Asn Ser
1 5 10 15

Thr Ser Ser Thr Thr Thr Pro Thr Ser Leu Leu Met Arg Thr Gln Ser
20 25 30

Pro Pro Val Tyr Thr Ala Thr Ser Leu Ser His Ser Asn Leu His Ser
35 40 45

Pro Ser Pro Ser
50

<210> 1414
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A714S"

<400> 1414
Gln Pro Ser Ala Ile Leu Ser Pro Cys Ser Tyr Thr Thr Ala Val Cys
1 5 10 15

Ser Pro Pro Val Gln Ser Pro Leu Ala Ser Ser Arg Thr Phe His Tyr
20 25 30

Ala Ser Pro Thr Ala Ser Gln Leu Ser Leu Met Gln Gln Gln Pro Gln
35 40 45

Gln Gln Val Gln

50

<210> 1415
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P231Q"

<400> 1415
Ile Ile Leu Asp Pro Lys Val Ile Lys Met Asn Tyr Leu Lys Ser Trp
1 5 10 15

Phe Val Val Asp Phe Ile Ser Ser Ile Gln Gln Val Asp Tyr Ile Phe
20 25 30

Leu Ile Val Glu Lys Gly Met Asp Ser Glu Val Tyr Lys Thr Ala Arg
35 40 45

Ala Leu Arg Ile
50

<210> 1416
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P326T"

<400> 1416
Leu Ile Gly Met Met Leu Leu Leu Cys His Trp Asp Gly Cys Leu Gln
1 5 10 15

Phe Leu Val Pro Leu Leu Gln Asp Phe Thr Thr Pro Asp Cys Trp Val
20 25 30

Ser Leu Asn Glu Met Val Asn Asp Ser Trp Gly Lys Gln Tyr Ser Tyr
35 40 45

Ala Leu Phe Lys

50

<210> 1417
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R525H"

<400> 1417
Ile Val Gly Ala Thr Cys Tyr Ala Met Phe Ile Gly His Ala Thr Ala
1 5 10 15

Leu Ile Gln Ser Leu Asp Ser Ser Arg His His Gln Tyr Gln Glu Lys
20 25 30

Tyr Lys Gln Val Glu Gln Tyr Met Ser Phe His Lys Leu Pro Pro Asp
35 40 45

Thr Arg Gln Arg
50

<210> 1418
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.S9fs"

<400> 1418
Met Ser Gly Thr Lys Leu Glu Asp Ser Pro Pro Leu Ser Gln Leu Val
1 5 10 15

Ile Cys Phe Gly Ala Glu
20

<210> 1419
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.S9fs"

<400> 1419
Met Ser Gly Thr Lys Leu Glu Asp Ser Pro Leu Val Ala Thr Gly His
1 5 10 15

Leu Leu Arg Ser
20

<210> 1420
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D100Y"

<400> 1420
Val Cys Val Ala Val Trp Lys Asn His His Met Arg Thr Val Thr Asn
1 5 10 15

Tyr Phe Ile Val Asn Leu Ser Leu Ala Tyr Tyr Val Leu Val Thr Ile
20 25 30

Thr Cys Leu Pro Ala Thr Leu Val Val Asp Ile Thr Glu Thr Trp Phe
35 40 45

Phe Gly Gln Ser
50

<210> 1421
<211> 79
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.P901fs"

<400> 1421
Pro Asp Glu Val Gly Thr Gly Pro Gly Val Gly Phe Asn Val Asn Met
1   5   10   15

Ala Phe Thr Gly Gly Leu Asp Pro Pro Trp Glu Thr Leu Ser Thr Trp
            20   25   30

Arg Pro Ser Glu Arg Trp Ser Cys Arg Ser Pro Ala Ser Leu Pro Arg
        35   40   45

Met Trp Cys Trp Cys His Gln Ala Ser Met Pro Trp Arg Ala Thr Pro
    50   55   60

Pro Leu Leu Gly Ala Thr Thr Ser Pro Pro Asp Ala Ser Gly Thr
65   70   75

<210> 1422
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A1044T"

<400> 1422
Cys Val Ser Ala Leu Leu Ser Val Glu Leu Gln Pro Leu Asp Glu Ala
1   5   10   15

Val Leu Gln Gln Lys Pro Asn Ile Asn Thr Thr Val Ala Thr Leu Glu
            20   25   30

Lys Val Ile Glu Ile Gln Ser Lys His Trp Ser Cys Val Gln Lys Phe
        35   40   45

Ala Ala Gly Leu
    50

<210> 1423
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R503C"

<400> 1423
Ser Asn Leu Ile Arg Ile Glu Gly Asp Pro Gln Gly Val Gln Gln Ala
1   5   10   15

Lys Arg Glu Leu Leu Glu Leu Ala Ser Cys Cys Met Glu Asn Glu Arg
            20   25   30

Thr Lys Asp Leu Ile Ile Glu Gln Arg Phe His Arg Thr Ile Ile Gly
        35   40   45

Gln Lys Gly Glu
    50

<210> 1424
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G747fs"

<400> 1424
Glu Lys Gln Thr Lys Ser Phe Thr Val Asp Ile Arg Ala Lys Pro Glu
1   5   10   15

Tyr His Lys Phe Leu Ile Gly Lys Gly Ala Ala Lys Phe Ala Arg Cys
            20   25   30

Ala Thr Ala Leu Glu His Val Ser Ser Ser Leu Arg Leu Arg Thr Arg
        35   40   45

Thr Arg Thr
    50

<210> 1425
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E1109K"

<400> 1425
Thr Val Val Val Asn Leu Leu Gln Lys Pro Leu Pro Phe Asp Arg Asp
1   5   10   15

Thr Lys Thr Leu Trp Lys Ala Leu Ala Lys Lys Lys Pro Ala Ser Ser
            20   25   30

Gly Lys Leu Leu Gln Ala Leu Ile Asp Lys Leu Glu Thr Glu Leu Glu
        35   40   45

Asp Asp Ile Ala
    50

<210> 1426
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R333fs"

<400> 1426
Met Ala Gly Gly His Val Phe Arg Asn Ala His Phe Asp Tyr Ser Pro
1   5   10   15

Ala Gly Leu Ala Val His Arg Gly Gly Thr Leu Arg His Pro Arg Ala
            20   25   30

Val Pro Ser Ala Ala Gly Pro Leu Arg Thr Pro His Ser His Pro Gln
        35   40   45

Ala

<210> 1427
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P19A"

<400> 1427
Met Ser Glu Ala Val Arg Val Pro Ser Pro Ala Thr Pro Leu Val Val
1   5   10   15

Ala Ala Ala Ala Ala Pro Glu Glu Arg Lys Gly Lys Glu Ser Glu Arg
            20   25   30

Glu Lys Leu Pro Pro Ile Val Ser Ala Gly Ala Gly Ala
        35   40   45

<210> 1428
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A183S"

<400> 1428
Ile Cys Phe Lys Tyr Tyr His Gly Val Ser Gly Ala Leu Arg Ala Thr
1   5   10   15

Thr Pro Ser Val Thr Val Lys Asn Ser Ser Ser Ala Pro Ile Phe Lys
            20   25   30

Ser Ile Gly Ala Asp Glu Thr Val Gln Gly Gln Gly Ser Arg Arg Leu
        35   40   45

Ile Ser Phe Ser
    50

<210> 1429
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R2330H"

<400> 1429
Pro Val Leu Ala Val Ile Gly Gly Val Asp Ala Gly Leu Arg Val Gly
1   5   10   15

Gly Arg Cys Val His Lys Gln Thr Gly His His His Ala Thr Leu Leu
            20   25   30

Gly Val Val Lys Glu Gly Ser Thr Ser Ala Lys Val Gln Trp Asp Glu
        35   40   45

Ala Glu Ile Thr
    50

<210> 1430
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S329F"

<400> 1430
Ser Gln Met Leu Ser Ala Ile Leu Leu Leu Leu Gln Leu Trp Asp Ser
1   5   10   15

Gly Ala Gln Glu Thr Asp Asn Glu Arg Phe Phe Ala Gln Gly Thr Ser
            20   25   30

Ala Pro Leu Leu Pro Leu Leu Gln Arg Phe Gln Ser Ile Ile Cys Arg
        35   40   45

Lys Asp Ala Pro
    50

<210> 1431
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P96T"

<400> 1431
Ser Cys Leu Pro Gly Val Ser Gln Leu Leu Arg Arg Gly Asp Glu Val
1   5   10   15

Gly Ser Gly Leu Arg Cys Pro Leu Val Thr Thr Glu Ser Ala Ala Gly
            20   25   30

Ser Thr Met Asp Ser Ala Gly Leu Gly Gln Glu Ala Pro Ala Leu Phe
        35   40   45

Arg Pro Cys Thr
    50

<210> 1432
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T482P"

<400> 1432
Cys Arg Ser Trp Arg Leu Pro Cys Ser Trp Leu Ser Thr Arg Met Pro
1   5   10   15

Trp Arg Ser Gly Trp Arg Lys Thr Cys Pro Pro Pro Ala Cys Ser Gly
            20   25   30

Cys Lys Leu Cys Cys Arg Thr Ser Ala Arg Cys Leu Pro Pro Arg Cys
        35   40   45

His Pro Pro Ala
    50

<210> 1433
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S467Y"

<400> 1433
Asn Pro Asp Asp Asp Ala His Gly Pro Trp Cys Tyr Thr Gly Asn Pro
1   5   10   15

Leu Ile Pro Trp Asp Tyr Cys Pro Ile Tyr Tyr Arg Cys Glu Gly Asp
            20   25   30

Thr Thr Pro Thr Ile Val Asn Leu Asp His Pro Val Ile Ser Cys Ala
        35   40   45

Lys Thr Lys Gln
    50

<210> 1434
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M686T"

<400> 1434
Ala Glu Lys Ile Gly Ser Gly Pro Cys Glu Gly Asp Tyr Gly Gly Pro
1   5   10   15

Leu Val Cys Glu Gln His Lys Met Arg Thr Thr Val Leu Gly Val Ile
            20   25   30

Val Pro Gly Arg Gly Cys Ala Ile Pro Asn Arg Pro Gly Ile Phe Val
        35   40   45

Arg Val Ala Tyr
    50

<210> 1435
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G229A"

<400> 1435
Pro Gln Cys Ser Glu Val Glu Cys Met Thr Cys Asn Gly Glu Ser Tyr
1   5   10   15

Arg Gly Leu Met Asp His Thr Glu Ser Ala Ala Lys Ile Cys Gln Arg
            20   25   30

Trp Asp His Gln Thr Pro His Arg His Lys Phe Leu Pro Glu Arg Tyr
        35   40   45

Pro Asp Lys Gly
    50

<210> 1436
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V692A"

<400> 1436
Ala Phe Arg Asp Gly Glu Val Arg Leu Val Arg Pro Ala Gly Leu Ser
1   5   10   15

Ser Gly Ser Gly Arg Val Glu Val Phe Ala Ala Gly Gly Arg Trp Gly
            20   25   30

Thr Val Cys Asp Asp Ser Trp Asn Ile Ser Gly Ala Ala Val Val Cys
        35   40   45

Arg Gln Leu Gly
    50

<210> 1437
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.A72T"

<400> 1437
Val Ser Ala His Leu Asp Lys Ala Ser Ile Met Arg Leu Thr Ile Ser
1   5   10   15

Tyr Leu Arg Met His Arg Leu Cys Ala Thr Thr Gly Glu Trp Asn Gln
            20   25   30

Val Gly Ala Gly Gly Glu Pro Leu Asp Ala Cys Tyr Leu Lys Ala Leu
        35   40   45

Glu Gly Phe Val
    50

<210> 1438
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R940L"

<400> 1438
Ala Gln Leu Val Ala Ala Ser Lys Val Lys Ala Asp Lys Asp Ser Pro
1   5   10   15

Asn Leu Ala Gln Leu Gln Gln Ala Ser Leu Leu Gly Val Asn Gln Ala
            20   25   30

Thr Ala Gly Val Val Ala Ser Thr Ile Ser Gly Lys Ser Gln Ile Glu
        35   40   45

Glu Thr Asp Asn
    50

<210> 1439
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R280H"

<400> 1439
Pro Asp Ala Ala Asn Pro Trp Gln Leu Lys Ser Ser Ala Asp Tyr Leu
1   5   10   15

Ala Glu Thr Lys Val Arg Pro Leu Glu His His Arg Lys Tyr Met Leu
            20   25   30

Lys Ser Leu Asp Gln Ile Glu Thr Val Asn Gly Gly Ser Val Ala Ser
        35   40   45

Arg Leu Thr Phe
    50

<210> 1440
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K188N"

<400> 1440
Ala Ala Ala Gly Val Lys Lys Val Ala Lys Ser Pro Lys Lys Ala Lys
1   5   10   15

Ala Ala Ala Lys Pro Lys Lys Ala Thr Asn Asn Ser Pro Ala Lys Pro
            20   25   30

Lys Ala Val Lys Pro Lys Ala Ala Lys Pro Lys Ala Ala Lys Pro Lys
        35   40   45

Ala Ala Lys Pro
    50

<210> 1441
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.A65V"

<400> 1441
Val Ser Glu Leu Ile Thr Lys Ala Val Ala Ala Ser Lys Glu Arg Ser
1   5   10   15

Gly Val Ser Leu Ala Ala Leu Lys Lys Val Val Leu Ala Ala Ala Gly
            20   25   30

Tyr Asp Val Glu Lys Asn Asn Ser Arg Ile Lys Leu Gly Leu Lys Ser
        35   40   45

Leu Val Ser Lys
    50

<210> 1442
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I81M"

<400> 1442
Ser Gly Val Ser Leu Ala Ala Leu Lys Lys Ala Leu Ala Ala Ala Gly
1   5   10   15

Tyr Asp Val Glu Lys Asn Asn Ser Arg Met Met Lys Leu Gly Leu Lys
            20   25   30

Ser Leu Val Ser Lys Gly Thr Leu Val Gln Thr Lys Gly Thr Gly Ala
        35   40   45

Ser Gly Ser Phe
    50

<210> 1443
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G133A"

<400> 1443
Asn Lys Lys Ala Ala Ser Gly Glu Ala Lys Pro Lys Ala Lys Lys Ala
1   5   10   15

Gly Ala Ala Lys Ala Lys Lys Pro Ala Ala Ala Ala Ala Lys Lys Pro
            20   25   30

Lys Lys Ala Thr Gly Ala Ala Thr Pro Lys Lys Ser Ala Lys Lys Thr
        35   40   45

Pro Lys Lys Ala
    50

<210> 1444
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R25P"

<400> 1444
Met Ser Glu Thr Ala Pro Ala Ala Pro Ala Ala Pro Ala Pro Ala Glu
1   5   10   15

Lys Thr Pro Val Lys Lys Lys Ala Pro Pro Lys Ser Ala Gly Ala Ala
            20   25   30

Lys Arg Lys Ala Ser Gly Pro Pro Val Ser Glu Leu Ile Thr Lys Ala
        35   40   45

Val Ala Ala
    50

<210> 1445
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R30P"

<400> 1445
Gly Lys Gln Gly Gly Lys Ala Arg Ala Lys Ala Lys Thr Arg Ser Ser
1   5   10   15

Arg Ala Gly Leu Gln Phe Pro Val Gly Pro Pro Val His Arg Leu Leu
            20   25   30

Arg Lys Gly Asn Tyr Ala Glu Arg Val Gly Ala Gly Ala Pro Val Tyr
        35   40   45

Leu Ala Ala Val
    50

<210> 1446
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E77K"

<400> 1446
Asp Thr Gly Ile Ser Ser Lys Ala Met Gly Ile Met Asn Ser Phe Val
1   5   10   15

Asn Asp Ile Phe Glu Arg Ile Ala Gly Lys Lys Ala Ser Arg Leu Ala
            20   25   30

His Tyr Asn Lys Arg Ser Thr Ile Thr Ser Arg Glu Ile Gln Thr Ala
        35   40   45

Val Arg Leu Leu
    50

<210> 1447
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K13R"

<400> 1447
Met Pro Glu Pro Ala Lys Ser Ala Pro Ala Pro Lys Arg Arg Gly Ser
1   5   10   15

Lys Lys Ala Val Thr Lys Ala Gln Lys Lys Asp Gly Lys Lys Arg Lys
            20   25   30

Arg Ser Arg Lys Glu Ser Tyr
        35

<210> 1448
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A48S"

<400> 1448
Thr Lys Ala Ala Arg Lys Ser Ala Pro Ala Thr Gly Gly Val Lys Lys
1   5   10   15

Pro His Arg Tyr Arg Pro Gly Thr Val Ser Ser Leu Arg Glu Ile Arg
            20   25   30

Arg Tyr Gln Lys Ser Thr Glu Leu Leu Ile Arg Lys Leu Pro Phe Gln
        35   40   45

Arg Leu Val Arg
    50

<210> 1449
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E74K"

<400> 1449
Leu Arg Glu Ile Arg Arg Tyr Gln Lys Ser Thr Glu Leu Leu Ile Arg

1 5 10 15

Lys Leu Pro Phe Gln Arg Leu Val Arg Lys Lys Ile Ala Gln Asp Phe
20 25 30

Lys Thr Asp Leu Arg Phe Gln Ser Ser Ala Val Met Ala Leu Gln Glu
35 40 45

Ala Cys Glu Ala
50

<210> 1450
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K37M"

<400> 1450
Thr Gly Gly Lys Ala Pro Arg Lys Gln Leu Ala Thr Lys Ala Ala Arg
1 5 10 15

Lys Ser Ala Pro Ala Thr Gly Gly Val Met Met Lys Pro His Arg Tyr
20 25 30

Arg Pro Gly Thr Val Ala Leu Arg Glu Ile Arg Arg Tyr Gln Lys Ser
35 40 45

Thr Glu Leu Leu
50

<210> 1451
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R68P"

<400> 1451
Gly Val Lys Arg Ile Ser Gly Leu Ile Tyr Glu Glu Thr Arg Gly Val

1 5 10 15

Leu Lys Val Phe Leu Glu Asn Val Ile Pro Pro Asp Ala Val Thr Tyr
20 25 30

Thr Glu His Ala Lys Arg Lys Thr Val Thr Ala Met Asp Val Val Tyr
35 40 45

Ala Leu Lys Arg
50

<210> 1452
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R30P"

<400> 1452
Gly Lys Gln Gly Gly Lys Ala Arg Ala Lys Ala Lys Ser Arg Ser Ser
1 5 10 15

Arg Ala Gly Leu Gln Phe Pro Val Gly Pro Pro Val His Arg Leu Leu
20 25 30

Arg Lys Gly Asn Tyr Ala Glu Arg Val Gly Ala Gly Ala Pro Val Tyr
35 40 45

Met Ala Ala Val
50

<210> 1453
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G54D"

<400> 1453
Lys Arg Lys Arg Ser Arg Lys Glu Ser Tyr Ser Ile Tyr Val Tyr Lys

1 5 10 15

Val Leu Lys Gln Val His Pro Asp Thr Asp Asp Ile Ser Ser Lys Ala
20 25 30

Met Gly Ile Met Asn Ser Phe Val Asn Asp Ile Phe Glu Arg Ile Ala
35 40 45

Gly Glu Ala Ser
50

<210> 1454
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.P534fs"

<400> 1454
Leu Ser Ser His Ser Glu Lys Thr Lys Pro Glu Gln Ser Leu Leu Ser
1 5 10 15

Leu Gln His Pro Pro Ser Thr Ala Pro Leu Cys Leu Ser
20 25

<210> 1455
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H554fs"

<400> 1455
Pro Ser Thr Ala Pro Pro Val Pro Leu Leu Arg Ser His Ser Met Pro
1 5 10 15

Ser Ala Ala Cys Thr Ile Ser Thr Pro Thr Thr Pro Ser Glu Val Ala
20 25 30

Thr Pro Ser Met Thr Ile Ser Pro Thr Pro Lys Pro

35 40

<210> 1456
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q78R"

<400> 1456
Asp Asp Thr Gln Phe Val Arg Phe Asp Ser Asp Ala Ala Ser Gln Arg
1 5 10 15

Met Glu Pro Arg Ala Pro Trp Ile Glu Arg Arg Glu Gly Pro Glu Tyr
20 25 30

Trp Asp Gln Glu Thr Arg Asn Val Lys Ala Gln Ser Gln Thr Asp Arg
35 40 45

Val Asp Leu Gly
50

<210> 1457
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N104K"

<400> 1457
Glu Gly Pro Glu Tyr Trp Asp Arg Asn Thr Gln Ile Tyr Lys Ala Gln
1 5 10 15

Ala Gln Thr Asp Arg Glu Ser Leu Arg Lys Lys Leu Arg Gly Tyr Tyr
20 25 30

Asn Gln Ser Glu Ala Gly Ser His Thr Leu Gln Ser Met Tyr Gly Cys
35 40 45

Asp Val Gly Pro

50

<210> 1458
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E84K"

<400> 1458
Leu Ser Glu Ala Tyr Asp Glu Asp Gln Leu Phe Phe Phe Asp Phe Ser
1 5 10 15

Gln Asn Thr Arg Val Pro Arg Leu Pro Lys Lys Phe Ala Asp Trp Ala
20 25 30

Gln Glu Gln Gly Asp Ala Pro Ala Ile Leu Phe Asp Lys Glu Phe Cys
35 40 45

Glu Trp Met Ile
50

<210> 1459
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A236fs"

<400> 1459
Tyr Thr Ala Ile Ala Tyr Trp Val Pro Arg Asn Ala Leu Pro Ser Asp
1 5 10 15

Leu Leu Glu Asn Val Leu Cys Gly Val Gly Leu Trp Pro Gly Cys Ala
20 25 30

Gly His His Arg Gly His Cys Ser His His Leu Leu Pro Glu Ala Leu
35 40 45

Leu Arg

50

<210> 1460
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G114fs"

<400> 1460
Asn Ser Gln Lys Asp Ile Leu Glu Glu Lys Arg Ala Val Pro Asp Arg
1 5 10 15

Met Cys Arg His Asn Tyr Glu Leu Gly Glu Ala His Asp Pro Ala Ala
20 25 30

Pro Ser Pro Ala
35

<210> 1461
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R247H"

<400> 1461
Ala Gln Ser Lys Met Leu Ser Gly Ile Gly Gly Phe Val Leu Gly Leu
1 5 10 15

Ile Phe Leu Gly Leu Gly Leu Ile Ile His His His Arg Gly Gln Lys
20 25 30

Gly Pro Arg Gly Pro Pro Pro Ala Gly Asn Ile Ser Ala Met Ile Gln
35 40 45

Ser Gly Glu Arg
50

<210> 1462

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G250S"

<400> 1462
Lys Met Leu Ser Gly Ile Gly Gly Phe Val Leu Gly Leu Ile Phe Leu
1 5 10 15

Gly Leu Gly Leu Ile Ile Arg His Arg Ser Ser Gln Lys Gly Pro Arg
20 25 30

Gly Pro Pro Pro Ala Gly Asn Ile Ser Ala Met Ile Gln Ser Gly Glu
35 40 45

Arg Ala Gln Ala
50

<210> 1463
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E362K"

<400> 1463
Leu Pro Pro Ser Ser Asn Ile Val Gln Thr Pro Glu Asp Phe Asn Leu
1 5 10 15

Leu Lys Ser Ser Asn Phe Arg Arg Tyr Lys Lys Val Leu Arg Glu Ile
20 25 30

Leu Thr Thr Leu Gly Leu Ser Cys Asp Met Lys Gln Val Pro Ala Leu
35 40 45

Thr Pro Leu Tyr
50

<210> 1464

<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S12T"

<400> 1464
Met Phe Ala Ala Gly Leu Ala Pro Phe Tyr Ala Thr Thr Asn Phe Ser
1 5 10 15

Leu Trp Ser Ala Ala Tyr Cys Ser Ser Ala Gly Pro Gly Gly Cys Ser
20 25 30

Phe Pro Leu Asp Pro Ala
35

<210> 1465
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N231K"

<400> 1465
Gly Arg Pro Ala Gly Val His Leu Ser Gly Leu Gln Pro Ser Ala Gly
1 5 10 15

Gln Phe Phe Ala Ser Leu Asp Pro Ile Lys Lys Glu Ala Ser Ala Ile
20 25 30

Leu Ser Pro Leu Asn Ser Asn Pro Arg Asn Ser Val Gln His Gln Phe
35 40 45

Gln Asp Thr Phe
50

<210> 1466
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S133Y"

<400> 1466
Arg Glu Leu Tyr Val Gln Gly Gly Gly Asp Cys Pro Glu Met Ser Ile
1 5 10 15

Gly Ala Ile Lys Ile Ala Leu Glu Ile Tyr Tyr Leu Pro Gly Ser Phe
20 25 30

Ile Tyr Val Phe Thr Asp Ala Arg Ser Lys Asp Tyr Arg Leu Thr His
35 40 45

Glu Val Leu Gln
50

<210> 1467
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E248D"

<400> 1467
Glu Glu Phe Leu Asn His Ser Lys Ala Arg Glu Ala Glu Leu Arg Gln
1 5 10 15

Leu Arg Lys Ser Asn Met Glu Phe Glu Asp Asp Arg Asn Ala Ala Leu
20 25 30

Gln Lys His Val Glu Ser Met Arg Thr Ala Val Glu Lys Leu Glu Val
35 40 45

Asp Val Ile Gln
50

<210> 1468
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T417M"

<400> 1468
Gly His Asn Leu Leu Ser Pro Asp Gly Lys Met Ile Ser Val Ser Gly
1 5 10 15

Gly Gly Leu Pro Pro Val Ser Thr Leu Met Met Asn Ile His Ser Leu
20 25 30

Ser His His Asn Pro Gln Gln Ser Gln Asn Leu Ile Met Thr Pro Leu
35 40 45

Ser Gly Val Met
50

<210> 1469
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N302K"

<400> 1469
Gly Val Ser Pro Ser Lys Ala His Gly Leu Gly Ser Asn Leu Val Thr
1 5 10 15

Glu Val Arg Val Tyr Asn Trp Phe Ala Lys Lys Arg Arg Lys Glu Glu
20 25 30

Ala Phe Arg Gln Lys Leu Ala Met Asp Ala Tyr Ser Ser Asn Gln Thr
35 40 45

His Ser Leu Asn
50

<210> 1470
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L361fs"

<400> 1470
Gln Val Lys Thr Leu Gln Glu Thr Asn Met Met Tyr Met His Asn Thr
1 5 10 15

Val Ser Leu Glu Glu Glu Leu Lys Lys Gln Met Gln His Val His Asn
20 25 30

<210> 1471
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G11C"

<400> 1471
Met Ser Ser Tyr Phe Val Asn Ser Phe Cys Cys Cys Arg Tyr Pro Asn
1 5 10 15

Gly Pro Asp Tyr Gln Leu His Asn Tyr Gly Asp His Ser Ser Val Ser
20 25 30

Glu Gln Phe Arg Asp
35

<210> 1472
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y151C"

<400> 1472
Ala Glu Val Pro Ser Tyr Gln Arg Leu Val Pro Glu Ser Cys Pro Val

1 5 10 15

Glu Asn Pro Glu Val Pro Val Pro Gly Cys Cys Phe Arg Leu Ser Gln
20 25 30

Thr Tyr Ala Thr Gly Lys Thr Gln Glu Tyr Asn Asn Ser Pro Glu Gly
35 40 45

Ser Ser Thr Val
50

<210> 1473
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q67H"

<400> 1473
Gly Arg His Ala Ala Ala Ala Ala Ala Leu Gln Leu Tyr Gly Asn Ser
1 5 10 15

Ala Ala Gly Phe Pro His Ala Pro Pro His His Ala His Ala His Pro
20 25 30

His Pro Ser Pro Pro Pro Ser Gly Thr Gly Cys Gly Gly Arg Glu Gly
35 40 45

Arg Gly Gln Glu
50

<210> 1474
<211> 77
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P122fs"

<400> 1474
Gly Ser Pro Ala Ala Ala Tyr Gln Ala Ala Pro Pro Pro Pro Pro His

1 5 10 15

Pro Pro Pro Pro Pro Pro Pro Pro Pro Ala Ala Gly Leu Pro Val Thr
20 25 30

Gly Ser Pro Arg Ser Phe Thr Asp Thr Ile Thr Tyr Arg Asp Ser Arg
35 40 45

Phe Leu Arg Pro Ser Lys Arg Pro Ser Trp Tyr Asn Ile Leu Thr Val
50 55 60

Asn Arg Pro Val Val Ile Leu Ala Arg Thr Gln Thr Thr
65 70 75

<210> 1475
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R284fs"

<400> 1475
Gly Gly Ala Gly Val Gln His Ile Ala Leu Lys Thr Glu Asp Ile Ile
1 5 10 15

Thr Ala Ile Arg His Leu Arg Glu Arg Pro Gly Val Leu Ile Cys Ser
20 25 30

Leu His Val Leu Gln Thr Thr Ala Gly Glu Ala Glu Asp Gly Gln Asp
35 40 45

Gln Gly Glu Gly Glu His
50

<210> 1476
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.S468L"

<400> 1476
Asn His Ile Ile Leu Leu Thr Lys Ala Glu Pro Glu Ala Ile Pro Glu
1   5   10   15

Arg Arg Gln Ser Pro Lys Arg Leu Leu Leu Leu Arg Lys Asp Thr Ser
            20   25   30

Val Lys Ile Lys Ile Pro Pro Val Ala Glu Ala Gly Trp Asn Leu Tyr
        35   40   45

Ile Val Asn Thr
    50

<210> 1477
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K812N"

<400> 1477
Val Ala Cys Leu Pro Asp Val Val Leu Gln Glu Leu Phe Phe Lys Leu
1   5   10   15

Thr Ser Gln Tyr Ile Trp Arg Leu Ser Asn Asn Arg Gln Pro Pro Asp
            20   25   30

Thr Thr Pro Leu Arg Thr Ser Glu Asp Leu Ile Asn Ala Cys Ser His
        35   40   45

Tyr Gly Leu Ile
    50

<210> 1478
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K58N"

<400> 1478
Leu His Leu Ser Leu Ser Ser Gln Ala Gly Asp Arg Arg Pro Leu Pro
1   5   10   15

Val Asp Arg Ala Ala Gly Leu Lys Glu Asn Asn Thr Leu Ile Leu Leu
            20   25   30

Asp Val Ser Thr Lys Asn Pro Val Arg Thr Val Asn Glu Asn Phe Leu
        35   40   45

Ser Leu Gln Leu
    50

<210> 1479
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q61K"

<400> 1479
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys
1   5   10   15

Leu Leu Asp Ile Leu Asp Thr Ala Gly Lys Lys Glu Glu Tyr Ser Ala
            20   25   30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
        35   40   45

Ala Ile Asn Asn
    50

<210> 1480
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.Q61R"

<400> 1480
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys
1   5   10   15

Leu Leu Asp Ile Leu Asp Thr Ala Gly Arg Arg Glu Glu Tyr Ser Ala
            20   25   30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
        35   40   45

Ala Ile Asn Asn
    50

<210> 1481
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G12S"

<400> 1481
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Ser Ser Gly Val Gly
1   5   10   15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
            20   25   30

Tyr Asp Pro Thr Ile Glu
        35

<210> 1482
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G12D"

<400> 1482
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Asp Asp Gly Val Gly

1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu
35

<210> 1483
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G12A"

<400> 1483
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Ala Ala Gly Val Gly
1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu
35

<210> 1484
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G13V"

<400> 1484
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Gly Val Val Val Gly
1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu Asp

35

<210> 1485
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P439fs"

<400> 1485
Pro His His His His His Arg Val Pro Arg Glu Glu Asp Glu Glu Val
1 5 10 15

Ser Ala Glu Leu Gly His Gln Ala Pro Gln Pro Gln Ala Lys Pro Pro
20 25 30

Arg

<210> 1486
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H92P"

<400> 1486
Leu Gly Ile Phe His His His Arg His Pro Gly His Val Ser His Val
1 5 10 15

Pro Asn Val Gly Leu His His His His Pro Pro Pro Arg His Thr Pro
20 25 30

His His Leu His His His His His Pro His Arg His His Pro Arg His
35 40 45

Ala Arg
50

<210> 1487

<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.M1fs"

<400> 1487
Cys Leu Asn Ser Tyr Lys Ala Ser Ser Leu Ser Ser Met Phe Ser Thr
1 5 10 15

Asn Met Pro Pro Ser Met Gly Ser Met Ile Arg
20 25

<210> 1488
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G2539S"

<400> 1488
Gln His Gly Ser Gly Ser Ser Gln Ser Ser Gly Tyr Gly Arg Gln Gly
1 5 10 15

Ser Gly Ser Gly Gln Ser Pro Gly His Ser Ser Gln Arg Gly Ser Gly
20 25 30

Ser Arg Gln Ser Pro Ser Tyr Gly Arg His Gly Ser Gly Ser Gly Arg
35 40 45

Ser Ser Ser Ser
50

<210> 1489
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R120Q"

<400> 1489
Ile Tyr Lys Gln Tyr Phe Lys Ser Asn Phe Pro Ala Arg Ala Ala Tyr
1   5   10   15

Gln Val Ala Ala Leu Pro Lys Gly Ser Gln Gln Ile Glu Ile Glu Ala
            20   25   30

Val Ala Ile Gln Gly Pro Leu Thr Thr Ala Ser Leu
        35   40

<210> 1490
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E287K"

<400> 1490
Arg Asp Arg Cys Leu His Glu Ser Lys Gly Arg Ala His Pro Gln Val
1   5   10   15

Asp Pro Lys Leu Leu Asn Lys Leu His Lys Lys Tyr Phe His Glu Pro
            20   25   30

Asn Lys Lys Phe Phe Glu Leu Val Gly Arg Thr Phe Asp Trp His
        35   40   45

<210> 1491
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G399W"

<400> 1491
Glu Ile Asp Arg Glu Val Val Arg Arg Leu Arg Glu Phe Tyr Arg Pro

1 5 10 15

Phe Asn Leu Lys Phe Tyr Gln Met Thr Trp Trp His Asp Phe Gly Trp
20 25 30

Asp Gly

<210> 1492
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G313S"

<400> 1492
Val Pro Ala Lys Ala Glu Ala Gly Ala Glu Ala Gly Gly Gly Ala Gly
1 5 10 15

Pro Gly Ala Glu Asp Glu Ala Gly Arg Ser Ser Ala Val Gly Asp Pro
20 25 30

Glu Leu Gly Asp Pro Pro Ala Ala Pro Gln
35 40

<210> 1493
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F209L"

<400> 1493
Glu Ala Phe Ser Asp Ile Leu Arg Arg Glu Ile Gln His Phe Gly Val
1 5 10 15

Lys Ile Ser Ile Val Glu Pro Gly Tyr Leu Leu Arg Thr Gly Met Thr
20 25 30

Asn Met Thr Gln Ser Leu Glu Arg Met Lys Gln Ser Trp Lys Glu Ala

35 40 45

Pro Lys His Ile
50

<210> 1494
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R169W"

<400> 1494
Gln Ala Leu Arg Gly Val Gln Glu Ser Thr Glu Ala Arg Leu Arg Glu
1 5 10 15

Leu Arg Gln Gln Asn Glu Ile Leu Trp Trp Trp Glu Val Val Thr Leu
20 25 30

Arg Gln Ser His Gly Gln Gln His Arg Val Ile Gly Lys Leu Ile Gln
35 40 45

Cys Leu Phe Gly
50

<210> 1495
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V85L"

<400> 1495
Asp Glu Asn Gly His Ile Ser Ile Pro Ser Met Val Ser Phe Thr Asp
1 5 10 15

Asn Asp Val Tyr Val Gly Tyr Glu Ser Leu Leu Glu Leu Ala Asp Ser
20 25 30

Asn Pro Gln Asn Thr Ile Tyr Asp Ala Lys Arg Phe Ile Gly Lys Ile

35 40 45

Phe Thr Ala Glu
50

<210> 1496
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R483C"

<400> 1496
Arg Ile Gly Ser Phe Thr Ile Gln Asn Val Phe Pro Gln Ser Asp Gly
1 5 10 15

Asp Ser Ser Lys Val Lys Val Lys Val Cys Cys Val Asn Ile His Gly
20 25 30

Ile Phe Ser Val Ala Ser Ala Ser Val Ile Glu Lys Gln Asn Leu Glu
35 40 45

Gly Asp His Ser
50

<210> 1497
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R282L"

<400> 1497
His Tyr Val Glu Ser Ile Asp Pro Val Thr Val Ser Ile Asn Ser Trp
1 5 10 15

Ile Glu Leu Glu Glu Asp His Leu Ala Leu Leu Val Glu Glu Ala Ile
20 25 30

Thr Arg Met Leu Val Cys Ala Leu Lys Thr Ala Glu Asn Pro Gln Asn

35 40 45

Thr Arg Ala Trp
50

<210> 1498
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S219L"

<400> 1498
Leu Lys Ile Ile Ala Val Trp Thr Ile Ser Val Gly Ile Ser Met Pro
1 5 10 15

Ile Pro Val Phe Gly Leu Gln Asp Asp Leu Leu Lys Val Phe Lys Glu
20 25 30

Gly Ser Cys Leu Leu Ala Asp Asp Asn Phe Val Leu Ile Gly Ser Phe
35 40 45

Val Ser Phe Phe
50

<210> 1499
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R236C"

<400> 1499
Ser Val Ser Ser Thr Tyr Ser Ile Leu Gln Ser Ser Ala Gly Gly Phe
1 5 10 15

Ala Gln Ile Gln Phe Asn Val Val Met Cys Cys Arg His Pro Leu Val
20 25 30

Tyr Val Val Ser Leu Leu Ile Pro Ser Ile Phe Leu Met Leu Val Asp

35 40 45

Leu Gly Ser Phe
50

<210> 1500
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R152C"

<400> 1500
Ala Ser Ile Trp Asn Val Thr Ala Ile Ala Leu Asp Arg Tyr Trp Ser
1 5 10 15

Ile Thr Arg His Met Glu Tyr Thr Leu Cys Cys Thr Arg Lys Cys Val
20 25 30

Ser Asn Val Met Ile Ala Leu Thr Trp Ala Leu Ser Ala Val Ile Ser
35 40 45

Leu Ala Pro Leu
50

<210> 1501
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W298C"

<400> 1501
Asp Thr Trp Arg Glu Gln Lys Glu Gln Arg Ala Ala Leu Met Val Gly
1 5 10 15

Ile Leu Ile Gly Val Phe Val Leu Cys Cys Cys Ile Pro Phe Phe Leu
20 25 30

Thr Glu Leu Ile Ser Pro Leu Cys Ser Cys Asp Ile Pro Ala Ile Trp

35 40 45

Lys Ser Ile Phe
50

<210> 1502
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q403R"

<400> 1502
Asp Phe Pro Glu Val Ser Ser Gly Ile Tyr Val Gln Glu Val Ala Pro
1 5 10 15

Asn Ser Pro Ser Gln Arg Gly Gly Ile Arg Arg Asp Gly Asp Ile Ile
20 25 30

Val Lys Val Asn Gly Arg Pro Leu Val Asp Ser Ser Glu Leu Gln Glu
35 40 45

Ala Val Leu Thr
50

<210> 1503
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D222N"

<400> 1503
Ala Phe Met Lys Glu Thr Ile Lys Leu Gly Ile Lys Ser Arg Pro Lys
1 5 10 15

Gly Leu Trp Gly Tyr Tyr Leu Tyr Pro Asn Asn Cys His Asn Tyr Asn
20 25 30

Val Tyr Ala Pro Asn Tyr Ser Gly Ser Cys Pro Glu Asp Glu Val Leu

35 40 45

Arg Asn Asn Glu
50

<210> 1504
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R451Q"

<400> 1504
Asn Pro Leu Glu Ala Lys Leu Tyr Gln Gln Thr Ile Tyr Cys Asp Ile
1 5 10 15

Leu Gly Arg Glu Ile Arg Leu Pro Leu Gln Gln Ile Lys Gly Glu Gly
20 25 30

Met Gly Pro Lys Ile His Phe Asn Phe Glu Leu Leu Asp Ile Gly Lys
35 40 45

Val Phe Thr Gly
50

<210> 1505
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R939Q"

<400> 1505
Pro Glu Leu Asn Leu Gly Ala His Phe Ser Leu Asp Thr His Tyr Tyr
1 5 10 15

His Phe Lys Leu Ile Asn Lys Gly Arg Gln Gln Ile Gln Gln Leu Phe
20 25 30

Trp Met Asn Asp Ser Phe Arg Pro Gln Ala Lys Leu Ser Lys Lys Gly

35 40 45

Arg Val Lys Lys
50

<210> 1506
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1187C"

<400> 1506
Val His Tyr Pro Asn Leu Ser Phe Glu Thr Lys Glu Leu Asp Phe Gly
1 5 10 15

Cys Ile Leu Asn Asp Thr Glu Leu Ile Cys Cys Tyr Val Thr Ile Thr
20 25 30

Asn Cys Ser Pro Leu Val Val Lys Phe Arg Trp Phe Phe Leu Val Asn
35 40 45

Asp Glu Glu Asn
50

<210> 1507
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R158C"

<400> 1507
Thr Val His Phe Gln Ile Ser Ser Gln Leu Gln Phe Ser Pro Glu Glu
1 5 10 15

Val Leu Gly Met Val Leu Asn Tyr Ser Cys Cys Ser Leu Ala Glu Asp
20 25 30

Phe Ala Glu Gln Pro Ile Lys Asp Ala Val Ile Thr Val Pro Val Phe

```
        35                  40                  45

Phe Asn Gln Ala
    50


<210> 1508
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R832C"

<400> 1508
Tyr Cys Glu Lys Glu Asn Asp Pro Lys Arg Arg Ser Cys Gln Thr Ala
1               5                   10                  15


Leu Val Glu Ile Leu Asp Val Ile Val Cys Cys Ser Phe Ala Pro Ile
            20                  25                  30


Leu Pro His Leu Ala Glu Glu Val Phe Gln His Ile Pro Tyr Ile Lys
        35                  40                  45


Glu Pro Lys Ser
    50


<210> 1509
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.S130R"

<400> 1509
Arg Thr Leu Tyr Asp Val Ile Leu Tyr Gly Leu Gln Glu His Ser Glu
1               5                   10                  15


Val Ser Gly Phe Leu Leu Glu Cys Asp Arg Arg Ser Val Gln Gly Ala
            20                  25                  30


Leu Gln Lys His Leu Ala Leu Tyr Arg Ile Arg Arg Lys Val Thr Val
```

35 40 45

Glu Pro His Pro
50

<210> 1510
<211> 74
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K1213fs"

<400> 1510
Pro Val Asn Ala Trp Ala Ser Ser Leu His Ser Val Ser Ser Lys Ser
1 5 10 15

Phe Arg Asp Phe Leu Leu Glu Glu Lys Ser Leu Leu Leu Ala Ile Val
20 25 30

Gln Ala Ile Met Ser Lys Lys Phe Leu Leu Lys Glu Leu Lys Ile Leu
35 40 45

Arg His Gln Lys Leu Ser Asp Ala Leu Pro Met Val Pro Gln Asp Gln
50 55 60

Lys Ala Thr Ile Phe Gln Ile Tyr His Phe
65 70

<210> 1511
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K37fs"

<400> 1511
Ala Leu Pro Ser Thr Phe Arg Ser Val Leu Gly Ala Arg Leu Pro Pro
1 5 10 15

Pro Glu Arg Leu Cys Gly Phe Gln Lys Arg Leu Thr Ala Lys

20 25 30

<210> 1512
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R132G"

<400> 1512
Val Phe Arg Glu Ala Ile Ile Cys Lys Asn Ile Pro Arg Leu Val Ser
1 5 10 15

Gly Trp Val Lys Pro Ile Ile Ile Gly Gly Gly His Ala Tyr Gly Asp
20 25 30

Gln Tyr Arg Ala Thr Asp Phe Val Val Pro Gly Pro Gly Lys Val Glu
35 40 45

Ile Thr Tyr Thr
50

<210> 1513
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R132C"

<400> 1513
Val Phe Arg Glu Ala Ile Ile Cys Lys Asn Ile Pro Arg Leu Val Ser
1 5 10 15

Gly Trp Val Lys Pro Ile Ile Ile Gly Cys Cys His Ala Tyr Gly Asp
20 25 30

Gln Tyr Arg Ala Thr Asp Phe Val Val Pro Gly Pro Gly Lys Val Glu
35 40 45

Ile Thr Tyr Thr

50

<210> 1514
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R132H"

<400> 1514
Val Phe Arg Glu Ala Ile Ile Cys Lys Asn Ile Pro Arg Leu Val Ser
1 5 10 15

Gly Trp Val Lys Pro Ile Ile Ile Gly His His His Ala Tyr Gly Asp
20 25 30

Gln Tyr Arg Ala Thr Asp Phe Val Val Pro Gly Pro Gly Lys Val Glu
35 40 45

Ile Thr Tyr Thr
50

<210> 1515
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R140Q"

<400> 1515
Thr Ile Thr Pro Asp Glu Ala Arg Val Glu Glu Phe Lys Leu Lys Lys
1 5 10 15

Met Trp Lys Ser Pro Asn Gly Thr Ile Gln Gln Asn Ile Leu Gly Gly
20 25 30

Thr Val Phe Arg Glu Pro Ile Ile Cys Lys Asn Ile Pro Arg Leu Val
35 40 45

Pro Gly Trp Thr

50

<210> 1516
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R172K"

<400> 1516
Val Phe Arg Glu Pro Ile Ile Cys Lys Asn Ile Pro Arg Leu Val Pro
1 5 10 15

Gly Trp Thr Lys Pro Ile Thr Ile Gly Lys Lys His Ala His Gly Asp
20 25 30

Gln Tyr Lys Ala Thr Asp Phe Val Ala Asp Arg Ala Gly Thr Phe Lys
35 40 45

Met Val Phe Thr
50

<210> 1517
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T374P"

<400> 1517
Asp Asn Ala Phe Leu Ser Tyr His Pro His Pro Phe Ala Gln Arg Thr
1 5 10 15

Leu Thr Ala Arg Phe Gln Val Asn Asn Pro Pro Arg Pro Pro His Val
20 25 30

Gln Leu Leu Arg Lys Pro Val Leu Thr Ala Met Gly Leu Leu Ala Leu
35 40 45

Leu Asp Glu Glu

50

<210> 1518
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H33Q"

<400> 1518
Ala Ala Leu Leu Ala Leu Leu Ala Ser Leu Leu Ala Ala Pro Pro Val
1 5 10 15

Ala Pro Ala Glu Ala Pro His Leu Val Gln Gln Val Asp Ala Ala Arg
20 25 30

Ala Leu Trp Pro Leu Arg Arg Phe Trp Arg Ser Thr Gly Phe Cys Pro
35 40 45

Pro Leu Pro His
50

<210> 1519
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R194G"

<400> 1519
Ser Arg Ala Ala Arg Arg Pro Cys Gly Cys Pro Leu Gly Gly Glu Asp
1 5 10 15

Pro Pro Gly Thr Pro Ala Ala Thr Pro Gly Gly Ala Ala Cys Cys Cys
20 25 30

Ala Pro Gln Pro Ala Glu Asp Glu Pro Pro Ala Pro Pro Ala Val Cys
35 40 45

Pro Arg Lys Arg

50

<210> 1520
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V79A"

<400> 1520
Lys Asp Arg His Asp Phe Arg Ile Pro Gln Glu Glu Phe Asp Gly Asn
1 5 10 15

Gln Phe Gln Lys Ala Gln Ala Ile Ser Ala Ala Leu His Glu Met Ile
20 25 30

Gln Gln Thr Phe Asn Leu Phe Ser Thr Glu Asp Ser Ser Ala Ala Trp
35 40 45

Glu Gln Ser Leu
50

<210> 1521
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L80F"

<400> 1521
Asp Arg His Asp Phe Arg Ile Pro Gln Glu Glu Phe Asp Gly Asn Gln
1 5 10 15

Phe Gln Lys Ala Gln Ala Ile Ser Val Phe Phe His Glu Met Ile Gln
20 25 30

Gln Thr Phe Asn Leu Phe Ser Thr Glu Asp Ser Ser Ala Ala Trp Glu
35 40 45

Gln Ser Leu Leu

50

<210> 1522
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E664K"

<400> 1522
Val Asp Glu Gly Leu Lys Asn Tyr Val Pro Val Asn His Phe Trp Asp
1 5 10 15

Gln Ser Glu Pro Arg Leu Phe Val Cys Lys Lys Ala Val Gln Glu Thr
20 25 30

Pro Arg Ser Gln Pro Gln Ser Ala Asn Gly Gln Pro Gln Asp Gly Arg
35 40 45

Ala Gly Pro Ala
50

<210> 1523
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A837T"

<400> 1523
Tyr Glu Arg Ala Gly Asp Leu Phe Glu Lys Ile His Asn Pro Gln Lys
1 5 10 15

Ala Leu Glu Cys Tyr Arg Lys Gly Asn Thr Thr Phe Met Lys Ala Val
20 25 30

Glu Leu Ala Arg Leu Ala Phe Pro Val Glu Val Val Lys Leu Glu Glu
35 40 45

Ala Trp Gly Asp

50

<210> 1524
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A944V"

<400> 1524
Ala Gln His Tyr Ala Ser Leu Gln Glu Tyr Glu Ile Ala Glu Glu Leu
1 5 10 15

Tyr Thr Lys Gly Asp Arg Thr Lys Asp Val Val Ile Asp Met Tyr Thr
20 25 30

Gln Ala Gly Arg Trp Glu Gln Ala His Lys Leu Ala Met Lys Cys Met
35 40 45

Arg Pro Glu Asp
50

<210> 1525
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T186S"

<400> 1525
Ser Ser Pro Ser Pro Pro Gln Arg Ala Gln Arg Gly Asp His Ser Ser
1 5 10 15

Arg Glu Gln Gly His Ala Pro Gly Gly Ser Ser Ser Gln Ala Arg Gln
20 25 30

Ile Asp Phe Pro Leu Arg Ile Leu Val Pro Thr Gln Phe Val Gly Ala
35 40 45

Ile Ile Gly Lys

50

<210> 1526
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.T1314fs"

<400> 1526
His Lys Val Ala Gly Leu Leu Thr Gln Lys Leu Thr Tyr Glu Asn Gly
1 5 10 15

Leu Leu Lys Met Asn Phe Thr Gly Gly Gly His Leu Pro
20 25

<210> 1527
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R615S"

<400> 1527
Phe Leu Ala Glu Asp Arg Arg Ile Asn Val Ala Val Thr Arg Ala Arg
1 5 10 15

Arg His Val Ala Val Ile Cys Asp Ser Ser Ser Thr Val Asn Asn His
20 25 30

Ala Phe Leu Lys Thr Leu Val Glu Tyr Phe Thr Gln His Gly Glu Val
35 40 45

Arg Thr Ala Phe
50

<210> 1528
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R77Q"

<400> 1528
Lys Cys Ala Arg Ile Thr Ser Arg Ile Ile Arg Ser Ser Glu Asp Pro
1 5 10 15

Asn Glu Asp Ile Val Glu Arg Asn Ile Gln Gln Ile Ile Val Pro Leu
20 25 30

Asn Asn Arg Glu Asn Ile Ser Asp Pro Thr Ser Pro Leu Arg Thr Arg
35 40 45

Phe Val Tyr His
50

<210> 1529
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E90fs"

<400> 1529
Asp Pro Ala Ala Arg Arg Arg Lys Lys Lys Ser Tyr Tyr Ala Lys Leu
1 5 10 15

Arg Gln Gln Glu Ile Glu Arg Glu Arg Ala Ser Arg Glu Val Pro Gly
20 25 30

Ser Cys Gln Gly Thr Glu Arg Trp Ser Glu Gln Arg Leu
35 40 45

<210> 1530
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L162R"

<400> 1530
Lys Arg Ser His Thr Gly Glu Arg Pro Phe Gln Cys Asn Gln Cys Gly
1   5   10   15

Ala Ser Phe Thr Gln Lys Gly Asn Leu Arg Arg Arg His Ile Lys Leu
            20   25   30

His Thr Gly Glu Lys Pro Phe Lys Cys His Leu Cys Asn Tyr Ala Cys
        35   40   45

Gln Arg Arg Asp
    50

<210> 1531
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R34W"

<400> 1531
Phe Leu Leu Thr Ile Ser Ile Phe Leu Gly Leu Gly Gln Pro Arg Ser
1   5   10   15

Pro Lys Ser Lys Arg Lys Gly Gln Gly Trp Trp Pro Gly Pro Leu Ala
            20   25   30

Pro Gly Pro His Gln Val Pro Leu Asp Leu Val Ser Arg Met Lys Pro
        35   40   45

Tyr Ala Arg Met
    50

<210> 1532
<211> 99
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q803fs"

<400> 1532
Pro Tyr Glu Glu Glu Gln Arg Gln Ser Val Gln Ser Asp Gln Gly Tyr
1   5   10   15

Ile Ser Arg Ser Ser Pro Gln Pro Pro Arg Gly Thr His Gly Asn Gly
            20   25   30

Gly Arg Gly Gly Arg Gly Ala Gly Pro Arg Glu Ala Gly Pro Ala Thr
        35   40   45

Leu Ser Arg Gly Pro Gly Glu Pro Glu Glu Pro Pro Ala Ala Ala Ala
    50   55   60

Phe Pro Pro Ala Ala Glu Glu Leu Gly Leu Gly His Asp Gly Val Arg
65   70   75   80

Val Arg Gly Ala Gln Cys Met Arg Ala Ala Pro Gln Gly Pro Pro Arg
                85   90   95

Ser Gln Leu

<210> 1533
<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L364fs"

<400> 1533
Lys Glu Ala Ser Ser Thr Phe Ser Trp Gly Ile Val Leu Ala Pro Leu
1   5   10   15

Ser Leu Ala Phe Leu Val Leu Gly Gly Asn Met Asp Ala Gln Thr Val
            20   25   30

Gln Thr Gln Asn Trp Lys Ser Arg Trp Ser Asp Cys Ala Met Ala Ser
        35   40   45

Ser Ser Arg Leu Ser Ile Leu Ser Gln Val Lys

50 55

<210> 1534
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F50C"

<400> 1534
Asp Asp Trp Gly Leu Asp Thr Met Arg Gln Ile Gln Val Phe Glu Asp
1 5 10 15

Glu Pro Ala Arg Ile Lys Cys Pro Leu Cys Cys Glu His Phe Leu Lys
20 25 30

Phe Asn Tyr Ser Thr Ala His Ser Ala Gly Leu Thr Leu Ile Trp Tyr
35 40 45

Trp Thr Arg Gln
50

<210> 1535
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T647M"

<400> 1535
Lys His Glu Ile Pro Ala Thr Thr Leu Pro Val Pro Ser Leu Gly Asn
1 5 10 15

His His Thr Tyr Cys Asn Leu Pro Leu Met Met Leu Leu Asn Gly Gln
20 25 30

Leu Pro Leu Asn Asn Thr Leu Lys Asp Thr Gln Glu Phe His Arg Asn
35 40 45

Ser Ser Leu Leu

50

<210> 1536
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R103M"

<400> 1536
Cys Leu Glu Glu Glu Leu Lys Pro Leu Glu Glu Val Leu Asn Leu Ala
1 5 10 15

Gln Ser Lys Asn Phe His Leu Arg Pro Met Met Asp Leu Ile Ser Asn
20 25 30

Ile Asn Val Ile Val Leu Glu Leu Lys Gly Ser Glu Thr Thr Phe Met
35 40 45

Cys Glu Tyr Ala
50

<210> 1537
<211> 65
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C168fs"

<400> 1537
His Gly Glu Lys Gly Thr His Lys Gly Tyr Cys Leu Glu Arg Arg Leu
1 5 10 15

Tyr Arg Val Ser Leu Ala Cys Val Cys Ala Ala Pro Cys Asp Gly Leu
20 25 30

Ala Gly Pro Ala Gly Gly Trp Ser Leu Phe Gly Lys Pro Gly Ala Arg
35 40 45

Cys Thr Thr Thr Cys His Glu Gly Pro Gly Cys Pro Asp Ala Trp Pro

50 55 60

Leu
65

<210> 1538
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A90T"

<400> 1538
Asp Ile Leu Met Glu Asn Asn Leu Arg Arg Pro Asn Leu Glu Ala Phe
1 5 10 15

Asn Arg Ala Val Lys Ser Leu Gln Asn Thr Thr Ser Ala Ile Glu Ser
20 25 30

Ile Leu Lys Asn Leu Leu Pro Cys Leu Pro Leu Ala Thr Ala Ala Pro
35 40 45

Thr Arg His Pro
50

<210> 1539
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P215T"

<400> 1539
Leu Trp Lys Gln Phe Gln Ser Phe Cys Cys Ser Leu Ser Glu Leu Phe
1 5 10 15

Met Ser Ser Phe Gln Ser Tyr Gly Ala Thr Thr Arg Gly Asp Lys Glu
20 25 30

Glu Leu Thr Pro Gln Lys Cys Ser Glu Pro Gln Ser Ser Lys

35 40 45

<210> 1540
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D218fs"

<400> 1540
Gln Phe Gln Ser Phe Cys Cys Ser Leu Ser Glu Leu Phe Met Ser Ser
1 5 10 15

Phe Gln Ser Tyr Gly Ala Pro Arg Gly Glu Gln Gly Gly Ala Asp Thr
20 25 30

Pro Glu Val Leu
35

<210> 1541
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L47I"

<400> 1541
Leu Leu Pro Asp Glu Lys Ile Ser Leu Leu Pro Pro Val Asn Phe Thr
1 5 10 15

Ile Lys Val Thr Gly Leu Ala Gln Val Ile Ile Leu Gln Trp Lys Pro
20 25 30

Asn Pro Asp Gln Glu Gln Arg Asn Val Asn Leu Glu Tyr Gln Val Lys
35 40 45

Ile Asn Ala Pro
50

<210> 1542

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P216H"

<400> 1542
Phe Val Asn Ile Glu Val Trp Val Glu Ala Glu Asn Ala Leu Gly Lys
1 5 10 15

Val Thr Ser Asp His Ile Asn Phe Asp His His Val Tyr Lys Val Lys
20 25 30

Pro Asn Pro Pro His Asn Leu Ser Val Ile Asn Ser Glu Glu Leu Ser
35 40 45

Ser Ile Leu Lys
50

<210> 1543
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S54L"

<400> 1543
Asp Leu Glu Asp Ala Glu Leu Asp Asp Tyr Ser Phe Ser Cys Tyr Ser
1 5 10 15

Gln Leu Glu Val Asn Gly Ser Gln His Leu Leu Leu Thr Cys Ala Phe
20 25 30

Glu Asp Pro Asp Val Asn Ile Thr Asn Leu Glu Phe Glu Ile Cys Gly
35 40 45

Ala Leu Val Glu
50

<210> 1544

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E484K"

<400> 1544
Val Lys Val Leu Gln Asp Met Gly Leu Pro Thr Gly Ala Glu Gly Arg
1 5 10 15

Asp Ser Ser Lys Gly Glu Asp Ser Ala Lys Lys Glu Thr Glu Ala Lys
20 25 30

Pro Ala Val Val Ala Pro Ala Pro Val Val Glu Ala Val Ser Thr Pro
35 40 45

Ser Ala Ala Phe
50

<210> 1545
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P1340A"

<400> 1545
Lys Leu Val Phe Ile Arg Asn Glu Asp Ala Val Asn Gln Met Ala Val
1 5 10 15

Thr Pro Phe Pro Val Pro Ser Ser Ser Ala Ala Ser Ser Ile Glu Asp
20 25 30

Gln Ser Gly Thr Glu Pro Ile Ser Ser Glu Glu Asp Gly Ser Val Glu
35 40 45

Val Gly Ile Lys
50

<210> 1546

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S527fs"

<400> 1546
Pro Leu Leu Pro Gly Met Gly Trp Gly Pro Pro Pro Pro Pro Pro Pro
1 5 10 15

Leu Leu Pro Cys Thr Cys Ser Pro Pro Trp Arg Glu Ala Trp Arg Arg
20 25 30

Ser Ser Trp Pro Arg Trp Thr Met Ala Trp Ala Gln His Gly Ser Pro
35 40 45

Ala Ile Gly Gly
50

<210> 1547
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A220S"

<400> 1547
Asp Glu Cys Tyr Glu Arg Phe Ser Arg Glu Thr Asp Gly Ala Gln Lys
1 5 10 15

Arg Arg Met Leu His Cys Val Gln Arg Ser Ser Leu Ile Arg Ser Gln
20 25 30

Glu Leu Gly Asp Glu Lys Ile Gln Ile Val Ser Gln Met Val Glu Leu
35 40 45

Val Glu Asn Arg
50

<210> 1548

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G56V"

<400> 1548
Pro Ser Pro Glu Ala Glu Met Leu Lys Phe Asn Leu Glu Cys Leu His
1 5 10 15

Lys Thr Phe Gly Pro Gly Gly Leu Gln Val Val Asp Thr Leu Ile Asp
20 25 30

Ile Gly Ser Gly Pro Thr Ile Tyr Gln Val Leu Ala Ala Cys Asp Ser
35 40 45

Phe Gln Asp Ile
50

<210> 1549
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S212F"

<400> 1549
Leu Lys Pro Gly Gly His Leu Val Thr Thr Val Thr Leu Arg Leu Pro
1 5 10 15

Ser Tyr Met Val Gly Lys Arg Glu Phe Phe Phe Cys Val Ala Leu Glu
20 25 30

Lys Glu Glu Val Glu Gln Ala Val Leu Asp Ala Gly Phe Asp Ile Glu
35 40 45

Gln Leu Leu His
50

<210> 1550

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R523Q"

<400> 1550
Ser Phe Met Phe Asn Gly Thr Ser Leu Gly Phe Val Asn Ser His Leu
1 5 10 15

Thr Ser Gly Ser Glu Lys Lys Leu Arg Gln Gln Asn Gln Asn Tyr Met
20 25 30

Asn Ile Leu Arg Phe Leu Ala Leu Gly Asp Lys Lys Leu Ser Pro Phe
35 40 45

Asn Ile Thr His
50

<210> 1551
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R263C"

<400> 1551
Glu Gly Arg Leu Leu Phe Pro Pro Thr Tyr Lys Phe Asp Arg Asn Ser
1 5 10 15

Asn Asp Tyr Asp Thr Ser Glu Lys Lys Cys Cys Lys Pro Ala Trp Thr
20 25 30

Asp Arg Ile Leu Trp Arg Leu Lys Arg Gln Pro Cys Ala Gly Pro Asp
35 40 45

Thr Pro Ile Pro
50

<210> 1552

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T493M"

<400> 1552
Val Phe Gly Thr Gln Glu Asn Ser Val Gly Asp Arg Glu Trp Leu Asp
1 5 10 15

Leu Leu Arg Gly Gly Leu Lys Glu Leu Met Met Asp Leu Asp Tyr Arg
20 25 30

Pro Ile Ala Met Gln Ser Leu Trp Asn Ile Lys Val Ala Val Leu Val
35 40 45

Lys Pro Glu His
50

<210> 1553
<211> 179
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A974fs"

<400> 1553
Ala Pro Arg Glu Glu Pro Leu Thr Pro Arg Leu Lys Pro Glu Gly Ala
1 5 10 15

Pro Glu Pro Glu Gly Val Ala Ala Pro His Pro Arg Thr Ala Ser Ile
20 25 30

Thr Leu Pro Thr Thr Ser Leu Lys Gly Ser Arg Thr Ser Cys Cys Pro
35 40 45

Arg Ser His Pro Arg Leu Pro Gly Pro Leu Ser His Leu Pro Pro Arg
50 55 60

Thr Lys Trp Pro Leu Gln Cys Leu Leu His Ser Leu Gly Thr Thr Gly

65 70 75 80

Thr Leu Val Trp Glu Arg Gly Val Leu Gln Met Arg Ser Leu Glu Ala
85 90 95

His Cys Pro Leu Gln Thr Phe His Leu His His Cys Arg Thr Gln Pro
100 105 110

Ser Ser Cys Pro Pro Ala Trp Ile Leu Tyr Gln Gly Gln Trp Ser Gly
115 120 125

Ala Val Val Gly Leu Arg Pro Val Ala His His Leu Pro Arg Pro Ile
130 135 140

Gln Gly Leu His Cys Pro Gln Ala Pro His Gln Pro Ala Leu Ser Trp
145 150 155 160

Gly Lys Trp Pro Val Gly Met Thr Gly Pro Ala Arg Cys Cys Arg Trp
165 170 175

Pro Arg Arg

<210> 1554
<211> 70
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1154fs"

<400> 1554
Ser Glu Val Asp Tyr Ala Pro Ala Gly Pro Ala Arg Ser Ala Leu Leu
1 5 10 15

Pro Gly Pro Leu Glu Leu Gln Pro Pro Gly Asp Cys Pro Arg Thr Met
20 25 30

Ala Gly Pro Ser Ala Ser Leu His Pro Ala Ser Gly Arg Ala Ser Arg
35 40 45

Lys Thr Trp Gln Arg Arg Leu Arg Ala Cys Arg Ala Gly Gly Pro Ala
50 55 60

Gly Trp Ala Arg Gln Ala

65 70

<210> 1555
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.M1V"

<400> 1555
Val Val Ala Ala Thr Val Asn Leu Glu Leu Asp Pro Ile Phe Leu Lys
1 5 10 15

Ala Leu Gly Phe Leu His Ser Lys Ser Lys Asp
20 25

<210> 1556
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S460A"

<400> 1556
Met Arg Lys Ile Ser Asn Asn Ile Thr Leu Arg Glu Asp Gln Leu Asp
1 5 10 15

Thr Val Leu Ala Val Leu Glu Asp Ser Ala Ala Arg Asp Ile Arg Glu
20 25 30

Ala Leu His Glu Leu Leu Cys Cys Thr Asn Val Ser Thr Lys Glu Gly
35 40 45

Ile His Leu Ala
50

<210> 1557
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R940C"

<400> 1557
Gly Ile Val Trp Lys Thr Gly Pro Arg Thr Thr Ile Phe Val Lys Ser
1 5 10 15

Leu Glu Asp Pro Tyr Ser Gln Gln Ile Cys Cys Leu Gln Gln Gln Gln
20 25 30

Ala Gln Gln Pro Leu Gln Gln Gln Gln Gln Arg Asn Ala Tyr Thr Arg
35 40 45

Phe

<210> 1558
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R106I"

<400> 1558
Leu Cys Val Leu Lys Val Thr Gln Gln Ser Glu Lys His Leu Glu Lys
1 5 10 15

Ile Leu Asn Val Asp Glu Phe Val Lys Ile Ile Ile Phe Ser Val Ile
20 25 30

His Ser Asn Asp Pro Val Ala Arg Ala Ile Thr Leu Arg Met Leu Gly
35 40 45

Ser Leu Ala Ser
50

<210> 1559
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R799K"

<400> 1559
Trp Lys Pro Ser Arg Arg His Asp Thr Glu Pro Lys Ala Lys Cys Ala
1 5 10 15

Pro Gln Lys Arg Arg Thr Gln Glu Leu Lys Lys Gly Gly Arg Cys Ser
20 25 30

Pro Ala Gly Ser Ser Arg Pro Gly Ser Ala Arg Gly Glu Ala Val His
35 40 45

Ala Gly Gln Asn
50

<210> 1560
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R815fs"

<400> 1560
Lys Arg Arg Thr Gln Glu Leu Arg Gly Gly Arg Cys Ser Pro Ala Gly
1 5 10 15

Ser Ser Arg Pro Gly Ser Ala Arg Gly Arg Arg Ser Met Leu Gly Arg
20 25 30

Ile Leu Pro Thr Ile Val His Gln Glu Thr Lys
35 40

<210> 1561
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S844fs"

<400> 1561
Glu Arg Tyr Pro Val Val Met Ser Thr Tyr Leu Gly Val Met Gly Arg
1   5   10   15

Val Leu Leu Gln Asn Thr Ser Phe Phe Leu His Tyr Leu Met Arg Trp
            20   25   30

Pro Ile Asn Leu Ile Arg Arg Trp Thr Ser Phe Trp Glu Ile
        35   40   45

<210> 1562
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R267Q"

<400> 1562
Pro Tyr Met Arg Asn Gly Thr Leu Phe Asp Arg Leu Gln Cys Val Gly
1   5   10   15

Asp Thr Ala Pro Leu Pro Trp His Ile Gln Gln Ile Gly Ile Leu Ile
            20   25   30

Gly Ile Ser Lys Ala Ile His Tyr Leu His Asn Val Gln Pro Cys Ser
        35   40   45

Val Ile Cys Gly
    50

<210> 1563
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R419Q"

<400> 1563
His Leu Glu His Thr Gly Phe Ser Lys Ala Lys Leu Glu Ser Met Glu
1   5   10   15

Thr Tyr Leu Lys Ala Val Lys Leu Phe Gln Gln Asn Asp Gln Asn Ser
            20   25   30

Ser Gly Glu Pro Glu Tyr Ser Gln Val Ile Gln Ile Asn Leu Asn Ser
        35   40   45

Ile Val Pro Ser
    50

<210> 1564
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K123R"

<400> 1564
Arg Cys Ala Leu Asn Lys Ser Asn Asp Phe Glu Glu Leu Val Glu Arg
1   5   10   15

Ser Gln Leu Asp Ile Ser Asp Pro Tyr Arg Arg Val Tyr Arg Ile Val
            20   25   30

Pro Glu Gly Ala Lys Lys Gly Ala Lys Gln Leu Thr Leu Glu Asp Pro
        35   40   45

Gln Met Ser Met
    50

<210> 1565
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G591fs"

<400> 1565
Gly His Gly Ser Gly Gly Gly Gln Gly Pro Gly Asp Gly His Gly Ser
1   5   10   15

Gly Gly Gly Lys Asn Ser Gly Gly Gly Gln Arg Leu Arg Lys Trp Glu
            20   25   30

Arg Ile Arg Trp
        35

<210> 1566
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.21_22AA>A"

<400> 1566
Met Ala Ser Cys Ser Phe Thr Arg Asp Gln Ala Thr Arg Arg Leu Arg
1   5   10   15

Gly Ala Ala Ala Ala Ala Ala Ala Ala Leu Ala Ala Val Val Thr Thr
            20   25   30

Pro Leu Leu Ser Ser Gly Thr Pro Thr Ala Leu Ile Gly Thr Gly Ser
        35   40   45

Ser Cys Pro Gly Ala
    50

<210> 1567
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L422P"

<400> 1567
Leu Val Ser Ala Pro Leu Gly Lys Phe Pro Ala Trp Thr Asn Arg Pro

1 5 10 15

Phe Pro Gly Pro Pro Pro Gly Pro Arg Pro Pro His Pro Leu Ser Leu
20 25 30

Leu Gly Ser Ala Pro Pro His Leu Leu Gly Leu Pro Gly Ala Ala Gly
35 40 45

His Pro Ala Ala
50

<210> 1568
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A425V"

<400> 1568
Cys Asp Glu Ser Ser Cys Ile Pro Lys Ala Phe Gly Asn Pro Lys Phe
1 5 10 15

Ala Leu Gln Gly Leu Pro Leu Asn Cys Val Val Pro Cys Pro Arg Arg
20 25 30

Ser Glu Pro Val Val Gln Cys Gln Tyr Pro Ser Gly Ala Glu Ala Gly
35 40 45

<210> 1569
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R86C"

<400> 1569
Ala Ala Ser Gly Ser Gly Leu Glu Lys Pro Pro Lys Asp Gln Pro Gln
1 5 10 15

Glu Gly Arg Lys Ser Lys Arg Arg Val Cys Cys Thr Thr Phe Thr Thr

20 25 30

Glu Gln Leu His Glu Leu Glu Lys Ile Phe His Phe Thr His Tyr Pro
35 40 45

Asp Val His Ile
50

<210> 1570
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.C2F"

<400> 1570
Met Phe Phe Ala Glu Val Gly Pro Ala Leu Cys Arg Gly Met Glu Arg
1 5 10 15

Asn Ser Leu Gly Cys Cys Glu Ala Pro Lys Lys Leu
20 25

<210> 1571
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R669Q"

<400> 1571
Pro Ile Val His Leu Thr Pro Ser Leu Glu Val Thr Pro Gln Ala Ile
1 5 10 15

Ser Val Val Gln Arg Asp Cys Arg Arg Gln Gln Gly Gln Glu Ala Val
20 25 30

Cys Leu Thr Ala Ala Leu Cys Phe Gln Val Thr Ser Arg Thr Pro Gly
35 40 45

Arg Trp Asp His

50

<210> 1572
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T673M"

<400> 1572
Tyr Leu Ala Val Gly Ser Met Lys Thr Leu Met Leu Asn Val Ser Leu
1 5 10 15

Phe Asn Ala Gly Asp Asp Ala Tyr Glu Met Met Thr Leu His Val Lys
20 25 30

Leu Pro Val Gly Leu Tyr Phe Ile Lys Ile Leu Glu Leu Glu Glu Lys
35 40 45

Gln Ile Asn Cys
50

<210> 1573
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F900L"

<400> 1573
Gly Ile Val Arg Phe Leu Ser Lys Thr Asp Lys Arg Leu Leu Tyr Cys
1 5 10 15

Ile Lys Ala Asp Pro His Cys Leu Asn Leu Leu Leu Cys Asn Phe Gly
20 25 30

Lys Met Glu Ser Gly Lys Glu Ala Ser Val His Ile Gln Leu Glu Gly
35 40 45

Arg Pro Ser Ile

50

<210> 1574
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A48D"

<400> 1574
Pro Pro Leu Leu Pro Leu Leu Leu Leu Leu Leu Pro Pro Pro Pro Arg
1 5 10 15

Val Gly Gly Phe Asn Leu Asp Ala Glu Asp Asp Pro Ala Val Leu Ser
20 25 30

Gly Pro Pro Gly Ser Phe Phe Gly Phe Ser Val Glu Phe Tyr Arg Pro
35 40 45

Gly Thr Asp Gly
50

<210> 1575
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G616C"

<400> 1575
Thr Glu Phe Arg Asp Lys Leu Ser Pro Ile Asn Ile Ser Leu Asn Tyr
1 5 10 15

Ser Leu Asp Glu Ser Thr Phe Lys Glu Cys Cys Leu Glu Val Lys Pro
20 25 30

Ile Leu Asn Tyr Tyr Arg Glu Asn Ile Val Ser Glu Gln Ala His Ile
35 40 45

Leu Val Asp Cys

50

<210> 1576
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R685H"

<400> 1576
Lys Arg Ser Lys Asn Leu Leu Gly Ser Arg Asp Leu Gln Ser Ser Val
1 5 10 15

Thr Leu Asp Leu Ala Leu Asp Pro Gly His His Leu Ser Pro Arg Ala
20 25 30

Thr Phe Gln Glu Thr Lys Asn Arg Ser Leu Ser Arg Val Arg Val Leu
35 40 45

Gly Leu Lys Ala
50

<210> 1577
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R283H"

<400> 1577
Thr Asp Gly Lys Lys Glu Gly Asp Ser Leu Asp Tyr Lys Asp Val Ile
1 5 10 15

Pro Met Ala Asp Ala Ala Gly Ile Ile His His Tyr Ala Ile Gly Val
20 25 30

Gly Leu Ala Phe Gln Asn Arg Asn Ser Trp Lys Glu Leu Asn Asp Ile
35 40 45

Ala Ser Lys Pro

50

<210> 1578
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L378I"

<400> 1578
Pro Lys Ser Ala Val Gly Thr Leu Ser Ala Asn Ser Ser Asn Val Ile
1 5 10 15

Gln Leu Ile Ile Asp Ala Tyr Asn Ser Ile Ile Ser Ser Glu Val Ile
20 25 30

Leu Glu Asn Gly Lys Leu Ser Glu Gly Val Thr Ile Ser Tyr Lys Ser
35 40 45

Tyr Cys Lys Asn
50

<210> 1579
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D158N"

<400> 1579
Leu Lys Phe Lys Arg Ala Glu Asp Tyr Pro Ile Asp Leu Tyr Tyr Leu
1 5 10 15

Met Asp Leu Ser Tyr Ser Met Lys Asp Asn Asn Leu Glu Asn Val Lys
20 25 30

Ser Leu Gly Thr Asp Leu Met Asn Glu Met Arg Arg Ile Thr Ser Asp
35 40 45

Phe Arg Ile Gly

50

<210> 1580
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A7fs"

<400> 1580
Met Cys Gly Ser Ala Leu Ala Phe Phe Tyr Arg Cys Ile Cys Leu Pro
1 5 10 15

Ala Lys Arg Pro Ala Arg Ser Arg Leu Val Pro Leu Gly Ser Leu Gly
20 25 30

Val Phe Thr Cys Ser Trp Thr Gly Pro Arg
35 40

<210> 1581
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G254W"

<400> 1581
Lys Gly His Val Leu Phe Arg Pro Thr Val Ser Gln Gln Gln Ser Cys
1 5 10 15

Pro Thr Cys Ser Thr Ser Leu Leu Asn Trp Trp His Phe Lys Val Thr
20 25 30

Tyr Asp Val Ser Arg Asp Lys Ile Cys Asp Leu Leu Val Ala Asn Asn
35 40 45

His Phe Ala His
50

<210> 1582

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L842V"

<400> 1582
Thr Leu Asp Lys Glu Met Ser Phe Ser Val Leu Leu His Arg Val Trp
1 5 10 15

Lys Lys His Pro Val Asn Val Asp Phe Val Val Gly Ile Tyr Ile Pro
20 25 30

Pro Thr Asn Lys Phe Ser Pro Lys Ala His Gly Leu Ile Gly Gln Phe
35 40 45

Met Gln Glu Pro
50

<210> 1583
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E196K"

<400> 1583
Pro Glu Glu Thr Val Val Ile Ala Leu Tyr Asp Tyr Gln Thr Asn Asp
1 5 10 15

Pro Gln Glu Leu Ala Leu Arg Arg Asn Lys Lys Glu Tyr Cys Leu Leu
20 25 30

Asp Ser Ser Glu Ile His Trp Trp Arg Val Gln Asp Arg Asn Gly His
35 40 45

Glu Gly Tyr Val
50

<210> 1584

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R29L"

<400> 1584
Phe Ile Leu Leu Glu Glu Gln Leu Ile Lys Lys Ser Gln Gln Lys Arg
1 5 10 15

Arg Thr Ser Pro Ser Asn Phe Lys Val Leu Leu Phe Phe Val Leu Thr
20 25 30

Lys Ala Ser Leu Ala Tyr Phe Glu Asp Arg His Gly Lys Lys Arg Thr
35 40 45

Leu Lys Gly Ser
50

<210> 1585
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E167K"

<400> 1585
Ala Asp Ile Ile His Asp Phe Gln Arg Gly Leu Thr Ala Tyr His Asp
1 5 10 15

Ile Ser Leu Asp Lys Cys Tyr Val Ile Lys Lys Leu Asn Thr Thr Ile
20 25 30

Val Leu Pro Pro Arg Asn Phe Trp Glu Leu Leu Met Asn Val Lys Arg
35 40 45

Gly Thr Tyr Leu
50

<210> 1586

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M1569I"

<400> 1586
Cys Gly Leu Glu Arg Asp Lys Phe Asp Asn Lys Thr Val Thr Phe Glu
1 5 10 15

Glu His Ile Lys Glu Glu His Asn Met Ile Cys His Tyr Leu Cys Phe
20 25 30

Ile Val Leu Val Lys Val Lys Asp Ser Thr Glu Tyr Thr Gly Pro Glu
35 40 45

Ser Tyr Val Ala
50

<210> 1587
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P358Q"

<400> 1587
Arg Asp Gly Val Pro Pro Thr Ser Lys Lys Lys Arg Gln Ala Gly Glu
1 5 10 15

Lys Ile Met Tyr Thr Leu Val Ser Val Gln Gln His Gly Asn Asp Ile
20 25 30

Ala Ser Leu Phe Glu Leu Asp Ala Thr Thr Leu Gln Arg Ala Asp Cys
35 40 45

Leu Val Pro Arg
50

<210> 1588

<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S802fs"

<400> 1588
Phe Gln Ala Thr Ser Lys Lys Gly Ile Ser Arg Leu Asp Lys Gln Met
1 5 10 15

Arg Lys Phe Thr Asp Ile Arg Lys Lys Ala Asp Leu His Thr Gln
20 25 30

<210> 1589
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A462T"

<400> 1589
Asp Cys Leu Pro Gly Trp Met Gly Gln Asn Cys Asp Ile Asn Ile Asn
1 5 10 15

Asp Cys Leu Gly Gln Cys Gln Asn Asp Thr Thr Ser Cys Arg Asp Leu
20 25 30

Val Asn Gly Tyr Arg Cys Ile Cys Pro Pro Gly Tyr Ala Gly Asp His
35 40 45

Cys Glu Arg Asp
50

<210> 1590
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V310I"

<400> 1590
Ile Phe Glu Thr Ser Met Leu Leu Ile Ser Ser Glu Asn Glu Met Asn
1   5   10   15

Trp Phe His Ser Asn Asp Gly Gly Asn Ile Ile Leu Tyr Tyr Glu Val
            20   25   30

Met Val Thr Gly Asn Leu Gly Ile Gln Trp Arg His Lys Pro Asn Val
        35   40   45

Val Ser Val Glu
    50

<210> 1591
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R283I"

<400> 1591
Met Ser Ser Pro Lys Arg Glu Ile Pro Gly Arg Ala Gly Asp Gly Ser
1   5   10   15

Glu His Cys Ser Ser Pro Asp Leu Arg Ile Ile Asn Gln Lys Arg Ile
            20   25   30

Ala Glu Leu Asn Ala Thr Ile Arg Lys Leu Glu Asp Arg Asn Thr Leu
        35   40   45

Leu Gly Asp Glu
    50

<210> 1592
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G394fs"

<400> 1592
Val Asn His Thr Ile Ser Gly Lys Thr Glu Ser Ser Asn Ala Lys Thr
1   5   10   15

Arg Lys Gln Val Leu Ser Leu Gly Gly Gly Val Gln Val His Trp Ala
            20   25   30

Arg Arg Gln Trp Pro Gln Gly Gln Trp Gln Val Glu Pro Lys Val Met
        35   40   45

His

<210> 1593
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V422fs"

<400> 1593
Thr Gly Pro Ala Val Asn Gly Leu Lys Val Ser Gly Arg Leu Asn Pro
1   5   10   15

Lys Ser Cys Thr Lys Glu Val Gly Gly Gly Ser Cys Gly Arg Ala Cys
            20   25   30

Ser Cys Gly Arg Gly Cys Gly Thr Pro Arg Gly Asp Trp Lys Arg His
        35   40   45

Thr Arg Arg Arg Ser Arg Ser Arg Pro Pro Arg Arg
    50   55   60

<210> 1594
<211> 65
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R97fs"

<400> 1594
His His Ala Val Asp Ile Asp Leu Tyr His Cys Pro Asn Cys Ala Val
1   5   10   15

Leu His Gly Ser Ser Leu Met Lys Lys Gly Gly Thr Gly Thr Asp Met
            20   25   30

Thr Thr Gln Lys Leu Met Met Val Pro Asn Gln Cys Lys Leu Glu Leu
        35   40   45

Glu Leu Ser Leu Arg Asn Tyr Ala Leu Glu Ser Ser Gln Val Pro Met
    50   55   60

Lys
65

<210> 1595
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R313H"

<400> 1595
Thr Ser Val Trp Tyr His Val Leu Trp Gly Glu Lys Ile Phe Tyr Leu
1   5   10   15

Ile Lys Pro Thr Asp Glu Asn Leu Ala His His Tyr Glu Ser Trp Ser
            20   25   30

Ser Ser Val Thr Gln Ser Glu Val Phe Phe Gly Asp Lys Val Asp Lys
        35   40   45

Cys Tyr Lys Cys
    50

<210> 1596
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1198S"

<400> 1596
Ser His Ser Val Thr Thr Phe Arg Asn Asp Cys Arg Ser Pro Thr His
1 5 10 15

Leu Thr Val Ser Ser Thr Asn Thr Leu Ser Ser Ser Met Pro Ala Leu
20 25 30

His Arg Ala Pro Val Phe His Pro Pro Ile His His Ser Leu Glu Arg
35 40 45

Lys Glu Gly Ser
50

<210> 1597
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A11V"

<400> 1597
Met Arg Ala Gly Pro Glu Pro Gln Ala Leu Val Val Gly Gln Lys Arg
1 5 10 15

Gly Ala Leu Arg Leu Leu Val Pro Arg Leu Val Leu Thr Val Ser Ala
20 25 30

Pro Ala Glu Val Arg
35

<210> 1598
<211> 86
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.PPPPPPPPPPPP811del"

<400> 1598
Leu Asn Asn Asn Leu Glu Pro Cys Ser Val Thr Ile Asn Pro Leu Pro
1   5   10   15

Ser Pro Leu Pro Pro Thr Pro Pro Pro Leu Pro Val Ala Lys Asp Ser
            20   25   30

Gly Pro Glu Thr Leu Glu Lys Asp Leu Pro Arg Lys Glu Gly Asn Glu
        35   40   45

Lys Arg Ile Pro Lys Ser Ala Ser Ala Pro Ser Ala His Leu Phe Asp
    50   55   60

Ser Ser Gln Leu Val Ser Ala Arg Lys Lys Leu Arg Lys Thr Ala Glu
65   70   75   80

Gly Leu Gln Arg Arg Arg
                85

<210> 1599
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A395T"

<400> 1599
Ala Arg Thr Lys Val Glu Ile Ala Asn Ser Arg Thr Ala His Ala Arg
1   5   10   15

Ala Lys Ala Asp Ala Ala Asp Gln Ala Thr Thr Leu Ala Ala Arg Gln
            20   25   30

Glu Cys Asp Ile Ala Arg Ala Val Ala Arg Glu Leu Ser Pro Asp Phe
        35   40   45

Tyr Gln Pro Gly
    50

<210> 1600

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q433H"

<400> 1600
Glu Ala Arg Ile Ala Arg Ile Thr Ala Lys Glu Phe Ser Pro Ser Phe
1 5 10 15

Gln His Arg Glu Asn Gly Leu Glu Tyr His His Arg Pro Lys Arg Gln
20 25 30

Thr Ser Cys Asp Asp Ile Glu Val Leu Ser Thr Gly Thr Pro Leu Gln
35 40 45

Gln Glu Ser Pro
50

<210> 1601
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V92A"

<400> 1601
Glu Lys Glu Pro Ala Ala Arg Gly Thr Pro Gly Thr Gly Lys Glu Arg
1 5 10 15

Leu Lys Ala Gly Ala Ser Pro Arg Ser Ala Ala Pro Ala Arg Lys Lys
20 25 30

Ala Gln Thr Ala Pro Pro Leu Gln Pro Pro Pro Pro Pro Pro Ala Leu
35 40 45

Ser Glu Glu Leu
50

<210> 1602

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S627L"

<400> 1602
Arg Val Ala Ala Gly Val Leu Cys Glu Leu Ala Gln Asp Lys Glu Ala
1 5 10 15

Ala Asp Ala Ile Asp Ala Glu Gly Ala Leu Leu Ala Pro Leu Met Glu
20 25 30

Leu Leu His Ser Arg Asn Glu Gly Thr Ala Thr Tyr Ala Ala Ala Val
35 40 45

Leu Phe Arg Ile
50

<210> 1603
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V303I"

<400> 1603
Ser Lys His Phe Arg Ser Ser Lys Asp Pro Ser Ala Pro Pro Ala Pro
1 5 10 15

Ala Asn Leu Arg Leu Ala Asn Ser Thr Ile Ile Asn Ser Asp Gly Ser
20 25 30

Val Thr Val Thr Ile Val Trp Asp Leu Pro Glu Glu Pro Asp Ile Pro
35 40 45

Val His His Tyr
50

<210> 1604

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R359H"

<400> 1604
Val Glu Ala Asp Ala Trp Val Thr Glu Ala Leu Leu Gly Leu Pro Ala
1 5 10 15

Ala Ala Glu Arg Glu Leu Glu Leu Leu His His Ala Ser Leu Glu His
20 25 30

Gln Arg Gly Val Ser Glu Leu Leu Arg Gly Arg Leu Arg Glu Leu Glu
35 40 45

Glu Ala Arg Glu
50

<210> 1605
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S253P"

<400> 1605
Val Gln Glu Gly Ala Glu Pro Pro Glu Gly Val Val Lys Val Pro Asn
1 5 10 15

His Leu Pro Leu Pro Gly Pro Pro Phe Pro Pro Phe Gln Asn Val Leu
20 25 30

Val Val Leu Glu Asp Lys Glu Asp Glu His Asn Ala Arg Glu Ala Glu
35 40 45

Val Leu Phe Thr
50

<210> 1606

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G376E"

<400> 1606
Ile Gly Trp Asn Thr Gly Ala Leu Val Ala Cys His Val Ser Val Met
1 5 10 15

Glu Tyr Val Thr Ala Val Val Cys Leu Glu Glu Phe Pro Leu Leu Thr
20 25 30

Val Asp Gly Pro Arg Gly Asp Val Asp Asp Pro Leu Leu Asp Met Lys
35 40 45

Thr Pro Val Leu
50

<210> 1607
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A81V"

<400> 1607
Gly Gly Phe Arg Ala Thr Leu Gln Val Leu Arg Gly Asp Arg Pro Ala
1 5 10 15

Leu Ala Ala Glu Asp Glu Leu Leu Gln Val Val Val Glu Cys Ala Ala
20 25 30

Phe Leu Gln Ala Pro Ala Leu Ala Arg Phe Leu Glu His Asn Leu Thr
35 40 45

Ser Asp Asn Cys
50

<210> 1608

<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G442fs"

<400> 1608
Leu Ala Asp Arg Leu Leu Cys Arg Glu Gly Met Asp Val Ala Tyr Leu
1 5 10 15

Asn Gly Tyr Ile Tyr Ile Leu Gly Gly Ala Arg Pro Tyr Tyr Trp Ser
20 25 30

<210> 1609
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V549I"

<400> 1609
Tyr Leu Lys Leu Val Leu Phe Gln Asn Lys Leu His Leu Phe Val Arg
1 5 10 15

Ala Thr Gln Val Thr Val Glu Glu His Ile Ile Phe Arg Thr Ser Arg
20 25 30

Lys Asn Ser Leu Tyr Gln Tyr Asp Asp Ile Ala Asp Gln Trp Met Lys
35 40 45

Val Tyr Glu Thr
50

<210> 1610
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G376C"

<400> 1610
Glu Ala Glu Ser His Phe Ser Ser Ile Pro Asp Ala Phe Trp Trp Ala
1   5   10   15

Val Val Ser Met Thr Thr Val Gly Tyr Cys Cys Asp Met Tyr Pro Val
            20   25   30

Thr Ile Gly Gly Lys Ile Val Gly Ser Leu Cys Ala Ile Ala Gly Val
        35   40   45

Leu Thr Ile Ala
    50

<210> 1611
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A415V"

<400> 1611
Thr Leu Lys Ala Ser Met Arg Glu Leu Gly Leu Leu Ile Phe Phe Leu
1   5   10   15

Phe Ile Gly Val Ile Leu Phe Ser Ser Val Val Val Tyr Phe Ala Glu
            20   25   30

Ala Asp Asp Pro Thr Ser Gly Phe Ser Ser Ile Pro Asp Ala Phe Trp
        35   40   45

Trp Ala Val Val
    50

<210> 1612
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R231H"

<400> 1612
Ser Thr Ile Ala Leu Ser Leu Asn Thr Leu Pro Glu Leu Gln Glu Thr
1   5   10   15

Asp Glu Phe Gly Gln Leu Asn Asp Asn His His Gln Leu Ala His Val
            20   25   30

Glu Ala Val Cys Ile Ala Trp Phe Thr Met Glu Tyr Leu Leu Arg Phe
        35   40   45

Leu Ser Ser Pro
    50

<210> 1613
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K455fs"

<400> 1613
Val Pro Val Ile Val Asn Asn Phe Gly Met Tyr Tyr Ser Leu Ala Met
1   5   10   15

Ala Lys Gln Lys Leu Pro Lys Lys Lys Arg Ser Ile Phe Arg Gly His
            20   25   30

Arg Ser Trp Asp Leu Pro Ile Ile Val Asn Leu Ser
        35   40

<210> 1614
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S438L"

<400> 1614
Asn Gln Arg Ala Asp Lys Arg Arg Ala Gln Lys Lys Ala Arg Leu Ala
1   5   10   15

Arg Ile Arg Val Ala Lys Thr Gly Ser Leu Leu Asn Ala Tyr Leu His
            20   25   30

Ser Lys Arg Asn Gly Leu Leu Asn Glu Ala Leu Glu Leu Thr Gly Thr
        35   40   45

Pro Glu Glu Glu
    50

<210> 1615
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G149A"

<400> 1615
Met Phe Ile Leu Asn Phe Glu Val Val Met Glu Lys Asp Met Val Gly
1   5   10   15

Ser Pro Ala His Asp Thr Asn His Arg Ala Ala Pro Pro Thr Ser Trp
            20   25   30

Leu Ala Pro Gly Arg Ala Lys Thr Phe Arg Leu Lys Leu Pro Ala Leu
        35   40   45

Leu Ala Leu Thr
    50

<210> 1616
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.M455I"

<400> 1616
Ser Ser Leu Thr Ser Val Gly Phe Gly Asn Val Ser Ala Asn Thr Asp
1 5 10 15

Ala Glu Lys Ile Phe Ser Ile Cys Thr Ile Ile Leu Ile Gly Ala Leu
20 25 30

Met His Ala Leu Val Phe Gly Asn Val Thr Ala Ile Ile Gln Arg Met
35 40 45

Tyr Ser Arg Trp
50

<210> 1617
<211> 120
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P102fs"

<400> 1617
Gly Thr Trp Phe Leu Phe Gly Val Val Trp Tyr Leu Val Ala Val Ala
1 5 10 15

His Gly Asp Leu Leu Glu Leu Asp Pro Arg Pro Thr Thr Pro Pro Val
20 25 30

Trp Tyr Arg Cys Thr His Ser Leu Glu Pro Ser Ser Ser Pro Leu Asn
35 40 45

Pro Lys Pro Pro Leu Ala Met Ala Ser Ala Thr Ser Val Arg Asn Val
50 55 60

His Trp Pro Leu Cys Phe Leu Leu Pro Ser Trp Cys Ser Pro Pro Ser
65 70 75 80

Trp Lys Ser Ser Ser Gln Val Pro Ser Trp Arg Arg Leu Pro Gly Pro
85 90 95

Arg Ser Gly Leu Arg Pro Phe Val Ser Ala Ser Met Gln Leu Trp Pro
100 105 110

Pro Thr Met Ala Ser Pro Ala Ser

115 120

<210> 1618
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L430F"

<400> 1618
Lys Ile Thr Gly Arg Glu Asp Phe Pro Lys Lys Leu Leu Arg Met Ser
1 5 10 15

Ser Thr Thr Ser Glu Lys Ala Tyr Ser Phe Phe Gly Asp Leu Pro Met
20 25 30

Lys Leu Gln Arg Ile Ser Ser Val Pro Gly Asn Ser Glu Glu Lys Leu
35 40 45

Val Ser Lys Thr
50

<210> 1619
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S21G"

<400> 1619
Met Tyr Arg Pro Arg Ala Arg Ala Ala Pro Glu Gly Arg Val Arg Gly
1 5 10 15

Cys Ala Val Pro Gly Gly Thr Val Leu Leu Leu Leu Ala Tyr Leu Ala
20 25 30

Tyr Leu Ala Leu Gly Thr Gly Val Phe Trp Thr Leu Glu Gly Arg
35 40 45

<210> 1620

<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G23V"

<400> 1620
Met Glu Val Ser Gly His Pro Gln Ala Arg Arg Cys Cys Pro Glu Ala
1 5 10 15

Leu Gly Lys Leu Phe Pro Val Val Leu Cys Phe Leu Cys Phe Leu Val
20 25 30

Thr Tyr Ala Leu Val Gly Ala Val Val Phe Ser Ala Ile Glu Asp Gly
35 40 45

Gln

<210> 1621
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S6W"

<400> 1621
Met Leu Pro Ser Ala Trp Trp Arg Glu Arg Pro Gly Tyr Arg Ala Gly
1 5 10 15

Val Ala Ala Pro Asp Leu Leu Asp Pro Lys Ser Ala Ala Gln Asn Ser
20 25 30

<210> 1622
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R166L"

<400> 1622
His Trp Asp Leu Gly Ser Ser Phe Phe Phe Ala Gly Thr Val Ile Thr
1   5   10   15

Thr Ile Gly Phe Gly Asn Ile Ser Pro Leu Leu Thr Glu Gly Gly Lys
            20   25   30

Ile Phe Cys Ile Ile Tyr Ala Leu Leu Gly Ile Pro Leu Phe Gly Phe
        35   40   45

Leu Leu Ala Gly
    50

<210> 1623
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N151K"

<400> 1623
Lys Leu Leu Leu Tyr His Thr Glu Glu Thr Ile Lys Ile Asn Gln Lys
1   5   10   15

Cys Ser Tyr Ile Pro Lys Cys Gly Lys Lys Lys Phe Glu Glu Ser Met
            20   25   30

Ser Leu Val Asn Val Val Met Glu Asn Phe Arg Lys Tyr Gln His Phe
        35   40   45

Ser Cys Tyr Ser
    50

<210> 1624
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D211N"

<400> 1624
Ser Arg Val Phe Ser Ile Leu Ser Ile Leu Val Val Met Gly Ser Ile
1   5   10   15

Ile Thr Met Cys Leu Asn Ser Leu Pro Asn Asn Phe Gln Ile Pro Asp
            20   25   30

Ser Gln Gly Asn Pro Gly Glu Asp Pro Arg Phe Glu Ile Val Glu His
        35   40   45

Phe Gly Ile Ala
    50

<210> 1625
<211> 88
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L314fs"

<400> 1625
Lys Leu Tyr Arg Phe Phe Lys Tyr Ile Glu Asn Arg Asp Val Ala Lys
1   5   10   15

Thr Val Leu Lys Glu Arg Gly Leu Lys Thr Phe Ala Leu Glu Leu Lys
            20   25   30

Val Thr Leu Pro Val Lys Lys Lys Leu Arg Glu Gly Leu Ala Ala Gly
        35   40   45

Leu Lys Ser Ser Ile Ile Met Tyr Asn Ala Pro Ser Ser Arg Cys His
    50   55   60

Gly Lys Arg Lys Lys Gly Arg Val Ala Met Trp Ile Ser Ser Val Phe
65   70   75   80

Glu Ala Asn Pro Ser Arg Ile Trp
                85

<210> 1626

<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T6M"

<400> 1626
Met Ser Asp Pro Ile Met Met Leu Asn Val Gly Gly Lys Leu Tyr Thr
1 5 10 15

Thr Ser Leu Ala Thr Leu Thr Ser Phe Pro Asp Ser Met Leu Gly Ala
20 25 30

<210> 1627
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L447I"

<400> 1627
Leu Lys Trp Ala Lys Asp His Asp Glu Glu Ala Lys Lys Ile Ala Lys
1 5 10 15

Ala Gly Gln Glu Phe Ala Arg Asn Asn Ile Ile Met Gly Asp Asp Ile
20 25 30

Phe Cys Tyr Tyr Phe Lys Leu Phe Gln Glu Tyr Ala Asn Leu Gln Val
35 40 45

Ser Glu Pro Gln
50

<210> 1628
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F361L"

<400> 1628
His Leu Ser Asn Leu Glu Tyr Ala Cys Gly Ser Asn Leu His Gln Val
1   5   10   15

Ser Ala Arg Ser Trp Asp His Asn Glu Leu Leu Phe Ala Gln Phe Ala
            20   25   30

Gly Asp His Thr Leu Leu Thr Pro Gly Tyr Ser Val Ile Ile Glu Lys
        35   40   45

Leu Ala Glu Gly
    50

<210> 1629
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P1316fs"

<400> 1629
Ser Leu Arg Asp Leu Leu His Ser Gly Pro Gly Lys Leu Pro Gln Thr
1   5   10   15

Pro Leu Asp Thr Gly Ile Pro Phe Pro Arg Ser Ser Leu His Pro Gln
            20   25   30

Gln Glu

<210> 1630
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P423S"

<400> 1630
Val Ser Ser Ile Glu Glu Asp Val Ile Val Glu Tyr Gly Ala Asp Ile
1   5   10   15

Ser Ser Lys Asp Phe Gly Ser Gly Phe Ser Ser Val Lys Asp Gly Arg
            20   25   30

Arg Lys Ile Leu Pro Glu Glu Glu Tyr Ala Leu Ser Gly Trp Asn
        35   40   45

Leu Asn Asn Met
    50

<210> 1631
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R470C"

<400> 1631
Pro Glu Arg Asp Glu Trp His Leu Val Ala Pro Met Leu Thr Arg Arg
1   5   10   15

Ile Gly Val Gly Val Ala Val Leu Asn Cys Cys Leu Leu Tyr Ala Val
            20   25   30

Gly Gly Phe Asp Gly Thr Asn Arg Leu Asn Ser Ala Glu Cys Tyr Tyr
        35   40   45

Pro Glu Arg Asn
    50

<210> 1632
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G480W"

<400> 1632
Pro Met Leu Thr Arg Arg Ile Gly Val Gly Val Ala Val Leu Asn Arg
1   5   10   15

Leu Leu Tyr Ala Val Gly Gly Phe Asp Trp Trp Thr Asn Arg Leu Asn
            20   25   30

Ser Ala Glu Cys Tyr Tyr Pro Glu Arg Asn Glu Trp Arg Met Ile Thr
        35   40   45

Ala Met Asn Thr
    50

<210> 1633
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G603W"

<400> 1633
Leu Asp Ser Val Glu Cys Tyr Asp Pro Asp Thr Asp Thr Trp Ser Glu
1   5   10   15

Val Thr Arg Met Thr Ser Gly Arg Ser Trp Trp Val Gly Val Ala Val
            20   25   30

Thr Met Glu Pro Cys Arg Lys Gln Ile Asp Gln Gln Asn Cys Thr Cys
        35   40   45

<210> 1634
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S144F"

<400> 1634
Gly Met Glu Val Val Ser Ile Glu Gly Ile His Pro Lys Val Met Glu

1 5 10 15

Arg Leu Ile Glu Phe Ala Tyr Thr Ala Phe Phe Ile Ser Met Gly Glu
20 25 30

Lys Cys Val Leu His Val Met Asn Gly Ala Val Met Tyr Gln Ile Asp
35 40 45

Ser Val Val Arg
50

<210> 1635
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V155F"

<400> 1635
Pro Lys Val Met Glu Arg Leu Ile Glu Phe Ala Tyr Thr Ala Ser Ile
1 5 10 15

Ser Met Gly Glu Lys Cys Val Leu His Phe Phe Met Asn Gly Ala Val
20 25 30

Met Tyr Gln Ile Asp Ser Val Val Arg Ala Cys Ser Asp Phe Leu Val
35 40 45

Gln Gln Leu Asp
50

<210> 1636
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R260L"

<400> 1636
Asp Asp Leu Asn Val Arg Cys Glu Ser Glu Val Phe His Ala Cys Ile

1 5 10 15

Asn Trp Val Lys Tyr Asp Cys Glu Gln Leu Leu Arg Phe Tyr Val Gln
20 25 30

Ala Leu Leu Arg Ala Val Arg Cys His Ser Leu Thr Pro Asn Phe Leu
35 40 45

Gln Met Gln Leu
50

<210> 1637
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V411M"

<400> 1637
Arg Lys Leu Ser Gln Lys Leu Arg Glu Leu Thr Glu Gln Pro Pro Met
1 5 10 15

Pro Ala Arg Pro Arg Trp Met Lys Cys Met Met Glu Glu Thr Gly Thr
20 25 30

Phe Phe Glu Pro Thr Leu Ala Ala Leu Phe Val Arg Glu Ala Phe Gly
35 40 45

Pro Ser Thr Arg
50

<210> 1638
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S203L"

<400> 1638
Leu Asn Gly Ser Glu Asp Ser Gly Arg Gly Arg Gly Ile Arg Gly Arg

1 5 10 15

Gly Ile Arg Ile Ala Pro Thr Ala Pro Leu Leu Arg Gly Arg Gly Gly
20 25 30

Ala Ile Pro Pro Pro Pro Pro Pro Gly Arg Gly Val Leu Thr Pro Arg
35 40 45

Gly Ser Thr Val
50

<210> 1639
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K63R"

<400> 1639
Arg Lys Val Ala Lys Glu Gly Gly Pro Lys Val Thr Ser Arg Asn Phe
1 5 10 15

Glu Lys Ser Ile Thr Lys Leu Gly Lys Arg Arg Gly Val Lys Gln Phe
20 25 30

Lys Asn Lys Gln Gln Gly Asp Lys Ser Pro Lys Asn Lys Phe Gln Pro
35 40 45

Ala Asn Lys Phe
50

<210> 1640
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T120fs"

<400> 1640
Ser Thr Pro Lys Arg Val Pro Met Gly Pro Ile Ile Val Pro Pro Gly

1 5 10 15

Gly His Ser Val Pro Ser Thr Pro Pro Arg Gly Asp His Arg Ser Asn
20 25 30

Gln Asn Arg Glu Trp Cys Leu Glu Glu
35 40

<210> 1641
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I902fs"

<400> 1641
Gly Leu Glu Thr Gly Trp Asn Cys His Ile Ser Leu Thr Pro Asn Gly
1 5 10 15

Asp Met Pro Gly Ser Glu Ile Pro Pro Pro Ala Pro Ala Thr Gln Ala
20 25 30

Pro Cys Met Met Thr
35

<210> 1642
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K895fs"

<400> 1642
Pro Met Asn His Asp Gln Phe His Leu Val Pro Asn His Ile Val Val
1 5 10 15

Ser Ala Glu Gly Asn Ile Ser Lys Lys Gln Asn Ala Leu Ala Glu His
20 25 30

<210> 1643

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R181Q"

<400> 1643
Tyr Arg Ala Val Ile Ile His Gly Phe Val Glu Glu Leu Val Val Asn
1 5 10 15

Glu Asp Pro Glu Tyr Gln Trp Ile Asp Gln Gln Ile Arg Thr Pro Arg
20 25 30

Ala Ser Asn Glu Ala Arg Gln Arg Leu Ile Ser Leu Met Ser Gly Glu
35 40 45

Leu Gln Arg Lys
50

<210> 1644
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1082W"

<400> 1644
Ser His Ser Ile Thr Ile Asp Phe Thr His Pro Cys His Val Ala Leu
1 5 10 15

Ile Arg Ile Trp Asn Tyr Asn Lys Ser Trp Trp Ile His Ser Phe Arg
20 25 30

Gly Val Lys Asp Ile Thr Met Leu Leu Asp Thr Gln Cys Ile Phe Glu
35 40 45

Gly Glu Ile Ala
50

<210> 1645

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L330I"

<400> 1645
Phe Pro Asp Gln Glu Arg Met Cys Ser Arg Pro Gly Ser Arg Arg Glu
1 5 10 15

Arg Pro Leu Ser Ala Thr Arg Lys Thr Ile Ile Cys Glu Ala Glu Tyr
20 25 30

Pro Glu Glu Asp Ala Ser Ala Val Leu Gln Ala Ile Gln Val Glu Asn
35 40 45

Ala Ala Leu Gln
50

<210> 1646
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A1592fs"

<400> 1646
Pro Arg Trp Glu Ser Ser Ala Thr Leu Arg Phe Thr Asp Ala Pro Cys
1 5 10 15

Gln Asp Val Ser Asp Ala Ala Val Ser Asp Leu Glu Asp Cys Ser Gln
20 25 30

Ser Leu Ser Leu Ser Thr Met Gln Glu Asp Met Glu Ser Ser Gly Ala
35 40 45

Asp Thr Phe
50

<210> 1647

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q446P"

<400> 1647
Gly Gln Ser Pro Met Gly Gly Pro Phe Ile Pro Ala Ala Pro Val Lys
1 5 10 15

Thr Ala Leu Pro Ala Gly Pro Gln Pro Pro Pro Pro Gln Pro Gln Pro
20 25 30

Pro Leu Pro Ser Gln Pro Gln Ala Gln Lys Arg Arg Phe Thr Glu Glu
35 40 45

Leu Pro Asp Glu
50

<210> 1648
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R516fs"

<400> 1648
Thr Gly Phe Ser Ser Gln Asn Glu Ile Glu Gly Ala Gly Ser Lys Pro
1 5 10 15

Ala Ser Ser Ser Gly Lys Glu Arg Glu Gly Gln Ala Val Asp Ala Ser
20 25 30

Thr Ser Leu Ser Ser Asp Trp Asn Lys Asn Arg Val Arg
35 40 45

<210> 1649
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L4680P"

<400> 1649
Ser Met Ser Leu His Gly Asn His Met Thr Leu Ala Cys Phe His Gly
1 5 10 15

Pro Asn Phe Arg Ser Lys Ser Trp Ala Pro Pro Phe His Leu Glu Glu
20 25 30

Pro Asn Ile Ala Phe Trp Thr Glu Ala Gln Lys Ile Trp Glu Asp Gly
35 40 45

Ser Ser Asp His
50

<210> 1650
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S4937Y"

<400> 1650
Ile Thr Tyr Thr Thr Val Asp Trp Arg Asp Phe Met Cys Asn Thr Trp
1 5 10 15

His Leu Glu Pro Thr Leu Arg Leu Ile Tyr Tyr Trp Thr Gly Arg Lys
20 25 30

Ile Asp Pro Val Gly Val Asp Tyr Ile Leu Gln Lys Leu Gly Phe His
35 40 45

His Ala Arg Thr
50

<210> 1651
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E1588fs"

<400> 1651
Ala Asn Ser Leu Leu Asp Arg Gly Met Gln Leu Ser Gly Ser Thr Ser
1 5 10 15

Asn Thr Pro Tyr Thr Pro Leu Glu Lys Asn Ser Leu Ile Thr Gln Met
20 25 30

Met Lys His
35

<210> 1652
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A149V"

<400> 1652
Tyr Phe Arg Lys Gly Pro Phe Phe Gly Leu Ala Cys Phe Ala Asn Met
1 5 10 15

Pro Val Glu Ser Glu Leu Glu Arg Gly Val Val Arg Met Lys Ser Val
20 25 30

Gly Ile Leu Ser Pro Ser Tyr Thr Leu Leu Tyr Arg Tyr Met His Phe
35 40 45

Leu Glu Asn Gln
50

<210> 1653
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P1203Q"

<400> 1653
Ser Val Thr Val Glu Ile Ser Asp Ser Ala Pro Pro Ala Pro Leu Val
1   5   10   15

Lys Glu Val Thr Lys Arg Phe Ser Thr Gln Gln Asp Ala Ala Pro Val
            20   25   30

Ser Thr Glu Pro Ala Trp Leu Ala Leu Ala Lys Arg Lys Ala Lys Ala
        35   40   45

Trp Ser Asp Cys
    50

<210> 1654
<211> 139
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R308fs"

<400> 1654
Glu Arg Ala Pro Arg Glu Glu Gln Gln Arg Ser Leu Glu Ala Pro Gly
1   5   10   15

Trp Glu Asp Ala Glu Arg Arg Glu Arg Arg Ser Ala Ser Ala Trp Arg
            20   25   30

Arg Arg Arg Ser Glu Gly Val Cys Arg Pro Arg Pro Lys Arg Arg Arg
        35   40   45

Gly Gly Gly Trp Arg Arg Thr Pro Gly Trp Arg Ser Gly Gly Gly Arg
    50   55   60

Arg Arg Arg Lys Glu Asp Ala Arg Arg Ser Ser Lys Gly Arg Arg Arg
65   70   75   80

Arg Arg Leu Arg Asp Gly Lys Ser Trp Asn Ser Arg Arg Arg Arg Cys
                85   90   95

Arg Gly Arg Pro Arg Arg Trp Arg Arg Leu Gly Arg Ala Gly Gly Ala

100 105 110

Arg Arg Arg Arg Ile Trp Gly Lys Arg Arg Arg Arg Ala Arg Arg Thr
115 120 125

Trp Arg Thr Gly Gly Gly Ser Ser Val Ser Phe
130 135

<210> 1655
<211> 82
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E309fs"

<400> 1655
Arg Ala Pro Arg Glu Glu Gln Gln Arg Ser Leu Glu Ala Pro Gly Trp
1 5 10 15

Glu Asp Ala Glu Arg Arg Glu Arg Glu Gly Ala Arg Ala Pro Gly Gly
20 25 30

Gly Gly Gly Ala Lys Ala Ser Ala Gly Pro Gly Pro Ser Gly Gly Glu
35 40 45

Ala Ala Ala Gly Gly Gly Arg Gln Ala Gly Gly Ala Glu Ala Ala Gly
50 55 60

Gly Gly Gly Arg Lys Met Arg Gly Gly Ala Gln Lys Ala Gly Gly Gly
65 70 75 80

Gly Gly

<210> 1656
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.S138F"

<400> 1656
Leu Arg Gly Trp Tyr Asn Cys Leu Thr Leu Ala Ile Tyr Gly Ser Val
1   5   10   15

Asp Arg Val Ile Ser His Asp Arg Asp Phe Phe Pro Pro Pro Pro Pro
            20   25   30

Pro Pro Pro Pro Pro Pro Gln Pro Gln Pro Ser Leu Lys Arg Asn Pro
        35   40   45

Lys His Ala Asp
    50

<210> 1657
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D1526N"

<400> 1657
Val Leu Ser Ala Pro Glu Ser Leu Gln Asn Leu Phe Asn Asn Arg Thr
1   5   10   15

Ala Tyr Val Leu Ala Asp Val Met Asp Asn Asn Gln Leu Lys Ser Met
            20   25   30

Trp Phe Thr Pro Phe Gln Ala Glu Glu Ile Asp Thr Asp Leu Asp Leu
        35   40   45

Val Lys Val Asp
    50

<210> 1658
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.L1272F"

<400> 1658
Asp Gly Glu Arg Leu Ser Ala Val Lys Ser Ser Asp Leu Ile Asn Lys
1   5   10   15

Met Asp Leu Gln Arg Ala Ala Ile Ile Phe Phe Gly Tyr Arg Ile Gln
            20   25   30

Gly Val Ile Ala Gln Pro Val Asp Arg Val Lys Arg Pro Ser Pro Glu
        35   40   45

Ser Gln Ser Asn
    50

<210> 1659
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L63F"

<400> 1659
Leu Gln Glu Ala Glu Asp Asp Val Asp Pro Gly His Ser Ser Ser Val
1   5   10   15

Lys Glu Leu Asp Thr Asp Ala Asp Lys Phe Phe Lys Lys Lys Thr Ala
            20   25   30

Glu Asp Arg Thr Gln Ala Phe His Leu Arg Gln Asn Leu Ser Ala Leu
        35   40   45

Asp Lys Met His
    50

<210> 1660
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K97N"

<400> 1660
Thr Gln Ala Phe His Leu Arg Gln Asn Leu Ser Ala Leu Asp Lys Met
1   5   10   15

His Glu Glu Gln Glu Leu Phe Thr Glu Asn Asn Met Arg Gly Glu Leu
            20   25   30

Arg Ala Cys Arg Gln Arg Arg Asp Leu Ile Asp Lys Gln Gln Glu Ala
        35   40   45

Val Ala Ala Glu
    50

<210> 1661
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q108H"

<400> 1661
Cys Leu Arg Asp Glu Val Val Val His Leu Ala Pro Leu Asn Pro Leu
1   5   10   15

Leu Leu Arg Gln Gly Asp Phe Tyr Leu His His Val Glu Pro Gln Glu
            20   25   30

Glu Gln Ser Val Cys Ile Met Ile Lys Cys Leu Ser Leu Asp Leu Cys
        35   40   45

Thr Val Asp Lys
    50

<210> 1662
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.V474M"

<400> 1662
Ala Ala Leu Gln Gln Lys Ser Gln Glu Glu Leu Leu Lys Arg Arg Glu
1   5   10   15

Gln Gln Leu Ala Glu Arg Glu Ile Asp Met Met Leu Glu Arg Glu Leu
            20   25   30

Asn Ile Leu Ile Phe Gln Leu Asn Gln Glu Lys Pro Lys Val Lys Lys
        35   40   45

Arg Lys Gly Lys
    50

<210> 1663
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R477W"

<400> 1663
Gln Gln Lys Ser Gln Glu Glu Leu Leu Lys Arg Arg Glu Gln Gln Leu
1   5   10   15

Ala Glu Arg Glu Ile Asp Val Leu Glu Trp Trp Glu Leu Asn Ile Leu
            20   25   30

Ile Phe Gln Leu Asn Gln Glu Lys Pro Lys Val Lys Lys Arg Lys Gly
        35   40   45

Lys Phe Lys Arg
    50

<210> 1664
<211> 113
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P415fs"

<400> 1664
Thr Gly Ile Asp Leu Ser Gly Cys Thr Lys Trp Trp Arg Phe Ala Glu
1   5   10   15

Phe Gln Tyr Leu Gln Pro Gly Pro Pro Gly Gly Phe Arg Gln Trp Trp
            20   25   30

Cys Thr Cys Arg Met Ser Gly Pro Ser Cys Leu Leu Trp Arg Ser Gly
        35   40   45

Arg Pro Cys Ala Ser Arg Lys Leu Gln Arg Gln Leu Pro Gln Pro Arg
    50   55   60

Arg His Lys Gly Lys Arg Ser Leu Leu Asn Arg His Leu Met Pro Trp
65   70   75   80

Ser Lys Gln Gln Thr Leu Leu Asp Gly Thr Gln Lys Leu Gln Arg Pro
                85   90   95

Pro His Ser Arg Lys Arg Thr Leu Ile Ser Gln Arg Pro Leu His Pro
            100   105   110

Pro

<210> 1665
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.C345F"

<400> 1665
Asn Val Arg Asp Lys Thr Thr Leu Leu Met Gln Glu Asp Ala Gln Phe
1   5   10   15

Asn Phe Phe Pro Ser Val Phe Thr Thr Phe Phe Pro Lys Arg Glu Ser
            20   25   30

Lys Ser Gly Ala Leu Lys Gln Ser Ser Asp Phe Ser Gln Phe Lys Val
        35   40   45

Pro Asp Val Ser

50

<210> 1666
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R574C"

<400> 1666
Pro Ala Lys Met Ile Leu Asp Asn His Asp Ile Ser Val Glu Met Gly
1 5 10 15

Val Lys Ser Asn Tyr Glu Ile Arg Ile Cys Cys Arg Pro Cys Glu Ile
20 25 30

Lys Lys Thr Asp Cys Cys Lys Glu Asn Leu Glu Lys Pro Arg Ser Pro
35 40 45

Gly Glu Val Thr
50

<210> 1667
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.K690fs"

<400> 1667
Leu Glu Gln Ser Leu Gln Ser His Lys Lys Leu Lys Leu Thr Lys Met
1 5 10 15

Arg Ala Lys Lys Lys Lys Lys Lys Lys Arg Asn
20 25

<210> 1668
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N851S"

<400> 1668
Ser Asn Ile Asn Gly His Asp Tyr Met Arg Asn Ile Val His Leu Pro
1 5 10 15

Val Phe Leu Asn Ser Arg Gly Leu Ser Ser Ser Ala Arg Lys Phe Leu
20 25 30

Val Thr Ser Ala Thr Asn Gly Asp Val Pro Cys Ser Asp Thr Thr Gly
35 40 45

Ile Gln Glu Asp
50

<210> 1669
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K1115fs"

<400> 1669
Leu Asn Cys Val Arg Glu Arg Trp Ser Asp Ala Leu Ile Lys Arg Arg
1 5 10 15

Glu Tyr Leu Asp Glu Gln Ile Lys Lys Ser Ala Ile Lys Gln Arg Lys
20 25 30

Gln Arg Thr Met Trp Ser Gly Lys Pro Ser Leu Trp Ser Ser Gly
35 40 45

<210> 1670
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R598Q"

<400> 1670
Val Phe Thr Leu Val Met Thr Gln Thr Lys Thr Glu Phe Val Glu Gly
1   5   10   15

Glu Glu His Asp His Arg Ile Thr Ser Gln Gln Ile Asn Leu Ile Asp
            20   25   30

Leu Ala Gly Ser Glu Arg Cys Ser Thr Ala His Thr Asn Gly Asp Arg
        35   40   45

Leu Lys Glu Gly
    50

<210> 1671
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E252Q"

<400> 1671
Thr Ser Met Asn Arg Glu Ser Ser Arg Ser His Ala Val Phe Thr Ile
1   5   10   15

Thr Ile Glu Ser Met Glu Lys Ser Asn Gln Gln Ile Val Asn Ile Arg
            20   25   30

Thr Ser Leu Leu Asn Leu Val Asp Leu Ala Gly Ser Glu Arg Gln Lys
        35   40   45

Asp Thr His Ala
    50

<210> 1672
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R145Q"

<400> 1672
Gly Leu Ile Pro Arg Ile Cys Glu Gly Leu Phe Ser Arg Ile Asn Glu
1   5   10   15

Thr Thr Arg Trp Asp Glu Ala Ser Phe Gln Gln Thr Glu Val Ser Tyr
            20   25   30

Leu Glu Ile Tyr Asn Glu Arg Val Arg Asp Leu Leu Arg Arg Lys Ser
        35   40   45

Ser Lys Thr Phe
    50

<210> 1673
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R17C"

<400> 1673
Met Ser Val Thr Glu Glu Asp Leu Cys His His Met Lys Val Val Val
1   5   10   15

Cys Cys Val Arg Pro Glu Asn Thr Lys Glu Lys Ala Ala Gly Phe His
            20   25   30

Lys Val Val His Val Val Asp Lys His Ile Leu
        35   40

<210> 1674
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R1320W"

<400> 1674
Thr Val Thr Ile Ile His Glu Lys Gly Ser Glu Leu His Trp Lys Asp
1   5   10   15

Val Arg Glu Leu Val Val Gly Arg Ile Trp Trp Asn Lys Pro Glu Val
            20   25   30

Asp Glu Ala Ala Val Asp Ala Ile Leu Ser Leu Asn Ile Ile Ser Ala
        35   40   45

Lys Tyr Leu Lys
    50

<210> 1675
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E54K"

<400> 1675
Asn Phe Asp Gly Ile Lys Leu Asp Leu Ser His Glu Phe Ser Leu Val
1   5   10   15

Ala Pro Asn Thr Glu Ala Asn Ser Phe Lys Lys Ser Lys Asp Tyr Leu
            20   25   30

Gln Val Cys Leu Arg Ile Arg Pro Phe Thr Gln Ser Glu Lys Glu Leu
        35   40   45

Glu Ser Glu Gly
    50

<210> 1676
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.E991K"

<400> 1676
Asn Glu Ile Glu Thr Ala Thr Arg Ser Ile Thr Asn Asn Val Ser Gln
1   5   10   15

Ile Lys Leu Met His Thr Lys Ile Asp Lys Lys Leu Arg Thr Leu Asp
            20   25   30

Ser Val Ser Gln Ile Ser Asn Ile Asp Leu Leu Asn Leu Arg Asp Leu
        35   40   45

Ser Asn Gly Ser
    50

<210> 1677
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E350K"

<400> 1677
Lys Glu Gln Ile Thr Ile Ser Gln Leu Ser Leu Val Asp Leu Ala Gly
1   5   10   15

Ser Glu Arg Thr Asn Arg Thr Arg Ala Lys Lys Gly Asn Arg Leu Arg
            20   25   30

Glu Ala Gly Asn Ile Asn Gln Ser Leu Met Thr Leu Arg Thr Cys Met
        35   40   45

Asp Val Leu Arg
    50

<210> 1678
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R150Q"

<400> 1678
Ser Pro Gly Glu Gly Gly Leu Leu Pro Arg Cys Leu Asp Met Ile Phe
1   5   10   15

Asn Ser Ile Gly Ser Phe Gln Ala Lys Gln Gln Tyr Val Phe Lys Ser
            20   25   30

Asn Asp Arg Asn Ser Met Asp Ile Gln Cys Glu Val Asp Ala Leu Leu
        35   40   45

Glu Arg Gln Lys
    50

<210> 1679
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.W3R"

<400> 1679
Met Thr Arg Arg Thr Ser Gly Gln Leu Gln Arg Glu Lys Gln Ala Arg
1   5   10   15

Pro Gly Ser Gly Ala Val Leu Ala Phe Pro Asp Asp Lys
            20   25

<210> 1680
<211> 89
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S1065fs"

<400> 1680
Ser Leu Gln Ser Ser Arg Glu Ser Leu Asn Ser Cys Gly Phe Val Glu
1   5   10   15

Gly Lys Pro Arg Pro Met Gly Ser Pro Gly Trp Ala Ser Pro Ala Cys

20 25 30

Pro Arg Pro Arg Ser Thr Ser His Pro Ala Leu Leu Pro Arg Asp Ala
35 40 45

Lys Ser Thr Pro Arg Arg Gly Ser Cys Arg Leu Pro Pro His Cys Leu
50 55 60

Pro Arg Ala Arg Ile Pro Ala Trp Arg Leu Gly Ser Pro Cys Cys Ser
65 70 75 80

Pro Arg Cys Val Arg Pro Arg Leu Glu
85

<210> 1681
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V1113M"

<400> 1681
Arg Cys Lys Val Tyr Thr Gln Lys Gly Val Leu Pro Ser Pro Ala Pro
1 5 10 15

Leu Pro Pro Ser Ser Lys Asp Ser Gly Met Met Ala Ser Arg Glu Ser
20 25 30

Leu Leu Gln Pro Glu Val Arg Thr Pro Pro Val Gly Met Ser Pro Gln
35 40 45

Val Leu Lys Lys
50

<210> 1682
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.A1114V"

<400> 1682
Cys Lys Val Tyr Thr Gln Lys Gly Val Leu Pro Ser Pro Ala Pro Leu
1   5   10   15

Pro Pro Ser Ser Lys Asp Ser Gly Val Val Val Ser Arg Glu Ser Leu
            20   25   30

Leu Gln Pro Glu Val Arg Thr Pro Pro Val Gly Met Ser Pro Gln Val
        35   40   45

Leu Lys Lys Ser
    50

<210> 1683
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A2033T"

<400> 1683
Ser Lys Glu Ala Met Cys Phe Asn Ala Lys Leu Lys Ile Leu Glu His
1   5   10   15

Arg Gln Gln Arg Ile Ala Glu Val Arg Thr Thr Lys Tyr Glu Trp Leu
            20   25   30

Met Lys Glu Leu Glu Ala Thr Lys Gln Tyr Leu Met Leu Asp Pro Asn
        35   40   45

Lys Trp Leu Ser
    50

<210> 1684
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K925N"

<400> 1684
Leu Asp Ala Cys Asn Leu Lys Arg Arg Lys Gly Ser Phe Gly Ser Ile
1   5   10   15

Asp His Leu Gln Lys Leu Asp Glu Gln Asn Asn Lys Trp Leu Asp Glu
            20   25   30

Glu Val Glu Lys Val Leu Asn Gln Arg Gln Glu Leu Glu Glu Leu Glu
        35   40   45

Ala Asp Leu Lys
    50

<210> 1685
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G480R"

<400> 1685
Ile Ser Ala Ile Gln Lys Ala Gly Leu Val Asp Val Asp Gly His Leu
1   5   10   15

Val Gly Glu Pro Glu Gly Gln Asn Phe Arg Arg Leu Gly Val Ala Pro
            20   25   30

Phe Ser Thr Lys Pro Gly Lys Lys Ala Lys Ser Lys Lys Thr Phe Lys
        35   40   45

Glu Pro Leu Ser
    50

<210> 1686
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R594Q"

<400> 1686
Ile Arg Pro Asp Thr Pro Pro Ser Lys Pro Val Ala Phe Glu Glu Phe
1   5   10   15

Lys Asn Glu Gln Gly Ser Glu Ile Asn Gln Gln Ile Phe Lys Glu Asn
            20   25   30

Lys Ser Ile Leu Asn Glu Arg Arg Lys Arg Ala Ser Glu Thr Thr Gln
        35   40   45

His Ile Asn Ala
    50

<210> 1687
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P335fs"

<400> 1687
Val Asp Pro Lys Pro Thr Thr Thr Asp Ile Gly Ser Asp Val Thr Leu
1   5   10   15

Thr Cys Val Trp Val Gly Asn Pro Pro Ser Leu Ser Pro Gly Pro Lys
            20   25   30

Arg Thr Gln Ile Trp Ser
        35

<210> 1688
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G604C"

<400> 1688
Val Asp Leu Lys Gln Asp Leu Arg Cys Asp Thr Ile Asp Thr Arg Glu

1 5 10 15

Glu Tyr Glu Met Lys Asp Pro Thr Asn Cys Cys Tyr Tyr Asn Val Arg
20 25 30

Ala His Glu Asp Arg Pro Ser Ser Arg Ala Val Leu Tyr Ala Asp Tyr
35 40 45

Arg Ala Pro Gly
50

<210> 1689
<211> 103
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V649fs"

<400> 1689
Pro Pro Ser Pro Leu Gly Pro Pro Gly Thr Pro Thr Phe Tyr Asp Phe
1 5 10 15

Asn Pro His Leu Gly Met Val Pro Pro Ala Asp Phe Thr Glu Pro Gly
20 25 30

Gln Ala Ile Ser Pro His Pro Thr Leu Glu Leu Ser Pro Ala Thr Ser
35 40 45

Asn Pro His Pro Leu Gly Pro Gln Ile Trp Pro Pro Gly Leu Pro Pro
50 55 60

Ser His Met Leu Pro Ser Pro His Leu Ala Thr Arg Val Ser Arg Leu
65 70 75 80

Thr Cys Asp Ile Phe Pro Met Glu Glu Ser Trp Asp Leu Gln Leu Ala
85 90 95

Ile Met Asp Cys Ser Asp Phe
100

<210> 1690
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.W557G"

<400> 1690
Val Ala Gly Met Met Cys Ile Ile Val Met Ile Leu Thr Tyr Lys Tyr
1 5 10 15

Leu Gln Lys Pro Met Tyr Glu Val Gln Gly Gly Lys Val Val Glu Glu
20 25 30

Ile Asn Gly Asn Asn Tyr Val Tyr Ile Asp Pro Thr Gln Leu Pro Tyr
35 40 45

Asp His Lys Trp
50

<210> 1691
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D816H"

<400> 1691
Arg Asp Leu Ala Ala Arg Asn Ile Leu Leu Thr His Gly Arg Ile Thr
1 5 10 15

Lys Ile Cys Asp Phe Gly Leu Ala Arg His His Ile Lys Asn Asp Ser
20 25 30

Asn Tyr Val Val Lys Gly Asn Ala Arg Leu Pro Val Lys Trp Met Ala
35 40 45

Pro Glu Ser Ile
50

<210> 1692
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D816Y"

<400> 1692
Arg Asp Leu Ala Ala Arg Asn Ile Leu Leu Thr His Gly Arg Ile Thr
1 5 10 15

Lys Ile Cys Asp Phe Gly Leu Ala Arg Tyr Tyr Ile Lys Asn Asp Ser
20 25 30

Asn Tyr Val Val Lys Gly Asn Ala Arg Leu Pro Val Lys Trp Met Ala
35 40 45

Pro Glu Ser Ile
50

<210> 1693
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D816V"

<400> 1693
Arg Asp Leu Ala Ala Arg Asn Ile Leu Leu Thr His Gly Arg Ile Thr
1 5 10 15

Lys Ile Cys Asp Phe Gly Leu Ala Arg Val Val Ile Lys Asn Asp Ser
20 25 30

Asn Tyr Val Val Lys Gly Asn Ala Arg Leu Pro Val Lys Trp Met Ala
35 40 45

Pro Glu Ser Ile
50

<210> 1694
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N822Y"

<400> 1694
Asn Ile Leu Leu Thr His Gly Arg Ile Thr Lys Ile Cys Asp Phe Gly
1 5 10 15

Leu Ala Arg Asp Ile Lys Asn Asp Ser Tyr Tyr Tyr Val Val Lys Gly
20 25 30

Asn Ala Arg Leu Pro Val Lys Trp Met Ala Pro Glu Ser Ile Phe Asn
35 40 45

Cys Val Tyr Thr
50

<210> 1695
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N822K"

<400> 1695
Asn Ile Leu Leu Thr His Gly Arg Ile Thr Lys Ile Cys Asp Phe Gly
1 5 10 15

Leu Ala Arg Asp Ile Lys Asn Asp Ser Lys Lys Tyr Val Val Lys Gly
20 25 30

Asn Ala Arg Leu Pro Val Lys Trp Met Ala Pro Glu Ser Ile Phe Asn
35 40 45

Cys Val Tyr Thr
50

<210> 1696
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T568fs"

<400> 1696
Ser Phe Gly Lys Leu Arg Asp Ala Leu Arg Arg Ser Ser Glu Met Leu
1 5 10 15

Val Lys Lys Leu Gln Gly Gly Thr Pro Arg Ser Pro Leu Thr Pro Gly
20 25 30

<210> 1697
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I104fs"

<400> 1697
Ser Leu Lys Phe Pro Ser Ser His Arg Arg Ala Ser Pro Gly Leu Ser
1 5 10 15

Met Pro Ser Ser Ser Pro Pro Ile Lys Asn Thr His Pro Leu Leu Gln
20 25 30

Ala Cys Ser Pro Ser Ala Cys Arg Cys Pro Cys His Gln
35 40 45

<210> 1698
<211> 61
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S224fs"

<400> 1698
Gly Ile Glu Pro Gln Arg Thr Asp Tyr Tyr Pro Glu Glu Met Ser Pro

1 5 10 15

Pro Leu Met Asn Ser Val Ser Pro Pro Ala Ser Ile Val Ala Arg Glu
20 25 30

Ser Pro Phe Gly His Arg Ala Ala Trp Glu Glu Thr Phe Thr Cys Gly
35 40 45

Ile Pro Gly Tyr Ser Lys Glu Ala Glu Asp Thr Gln Met
50 55 60

<210> 1699
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K434Q"

<400> 1699
Gly Arg Arg Ser Trp Pro Arg Lys Arg Thr Ala Thr His Thr Cys Asp
1 5 10 15

Tyr Ala Gly Cys Gly Lys Thr Tyr Thr Gln Gln Ser Ser His Leu Lys
20 25 30

Ala His Leu Arg Thr His Thr Gly Glu Lys Pro Tyr His Cys Asp Trp
35 40 45

Asp Gly Cys Gly
50

<210> 1700
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E419Q"

<400> 1700
Leu Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Thr Trp Glu Gly

1 5 10 15

Cys Asp Trp Arg Phe Ala Arg Ser Asp Gln Gln Leu Thr Arg His Tyr
20 25 30

Arg Lys His Thr Gly Ala Lys Pro Phe Gln Cys Gly Val Cys Asn Arg
35 40 45

Ser Phe Ser Arg
50

<210> 1701
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S118L"

<400> 1701
Glu Lys Tyr Leu Thr Pro Gln Leu Pro Pro Val Pro Ile Ile Pro Glu
1 5 10 15

His Lys Lys Tyr Arg Arg Asp Ser Ala Leu Leu Val Val Asp Gln Phe
20 25 30

Phe Thr Asp Thr Glu Gly Leu Pro Tyr Ser Ile Asn Met Asn Val Phe
35 40 45

Leu Pro Asp Ile
50

<210> 1702
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W321S"

<400> 1702
Asp Ala Trp Thr Tyr Cys Ile Ser Lys Asn Glu Trp Ile Gln Phe Asn

1 5 10 15

His Pro Tyr Thr Glu Lys Pro Arg Leu Ser Ser His Thr Ala Cys Ala
20 25 30

Ser Asp Glu Gly Glu Val Ile Val Phe Gly Gly Cys Ala Asn Asn Leu
35 40 45

Leu Val His His
50

<210> 1703
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E635K"

<400> 1703
Asp Arg Trp Asp Phe Ala Pro Pro Leu Pro Ser Asp Thr Phe Ala Leu
1 5 10 15

Ala His Thr Ala Thr Val Arg Ala Lys Lys Lys Ile Phe Val Thr Gly
20 25 30

Gly Ser Leu Arg Phe Leu Leu Phe Arg Phe Ser Ala Gln Glu Gln Arg
35 40 45

Trp Trp Ala Gly
50

<210> 1704
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E213K"

<400> 1704
Phe Leu Ile Ser Gly Val Thr Leu Asp Asn Cys Val Glu Val Gly Arg

1 5 10 15

Ile Ala Asn Thr Tyr Asn Leu Thr Glu Lys Met Asp Lys Tyr Val Asn
20 25 30

Ser Phe Val Leu Lys Asn Phe Pro Ala Leu Leu Ser Thr Gly Glu Phe
35 40 45

Leu Lys Leu Pro
50

<210> 1705
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P231fs"

<400> 1705
Lys Tyr Leu Val Glu Asp Val Leu Leu Leu Asn Phe Glu Glu Met Arg
1 5 10 15

Ala Leu Leu Asp Ser Leu Pro Pro Pro Trp Ser Arg Ser Trp Arg Ser
20 25 30

Ser Arg Cys Pro Cys Cys Gly Trp Ser Thr Thr Ala Arg Pro Ala Cys
35 40 45

Ser Met Arg Leu Thr Ser
50

<210> 1706
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D185G"

<400> 1706
Asp Asn Phe Val Pro Leu Met Ser Arg Pro Asp Phe Leu Ser Tyr Leu

1 5 10 15

Ser Phe Glu Lys Leu Met Ser Tyr Leu Gly Gly Asn Asp His Leu Ser
20 25 30

Arg Phe Pro Glu Ile Glu Leu Tyr Glu Ala Val Gln Ser Trp Leu Arg
35 40 45

His Asp Arg Arg
50

<210> 1707
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E33K"

<400> 1707
Tyr Met Leu Ala Asn Leu Thr His Leu His Ser Glu Gln Leu Leu Gln
1 5 10 15

Gly Leu Asn Leu Leu Arg Gln His His Lys Lys Leu Cys Asp Ile Ile
20 25 30

Leu Arg Val Gly Asp Val Lys Ile His Ala His Lys Val Val Leu Ala
35 40 45

Ser Val Ser Pro
50

<210> 1708
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R326C"

<400> 1708
Gln Leu Ser Gln Val Val Glu Ala Cys Cys Lys Phe Leu Met Lys Gln

1 5 10 15

Leu His Pro Ser Asn Cys Leu Gly Ile Cys Cys Ser Phe Ala Asp Ala
20 25 30

Gln Gly Cys Thr Asp Leu His Lys Val Ala His Asn Tyr Thr Met Glu
35 40 45

His Phe Met Glu
50

<210> 1709
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P57T"

<400> 1709
Glu Lys His Ser Gln Pro Trp Gln Val Ala Val Tyr Ser His Gly Trp
1 5 10 15

Ala His Cys Gly Gly Val Leu Val His Thr Thr Gln Trp Val Leu Thr
20 25 30

Ala Ala His Cys Leu Lys Lys Asn Ser Gln Val Trp Leu Gly Arg His
35 40 45

Asn Leu Phe Glu
50

<210> 1710
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E161K"

<400> 1710
Val Lys Val Leu Gly Leu Pro Thr Gln Glu Pro Ala Leu Gly Thr Thr

1 5 10 15

Cys Tyr Ala Ser Gly Trp Gly Ser Ile Lys Lys Pro Glu Glu Phe Leu
20 25 30

Arg Pro Arg Ser Leu Gln Cys Val Ser Leu His Leu Leu Ser Asn Asp
35 40 45

Met Cys Ala Arg
50

<210> 1711
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R120H"

<400> 1711
Gln Ser Ser Val Val Arg Ala Val Ile His Pro Asp Tyr Asp Ala Ala
1 5 10 15

Ser His Asp Gln Asp Ile Met Leu Leu His His Leu Ala Arg Pro Ala
20 25 30

Lys Leu Ser Glu Leu Ile Gln Pro Leu Pro Leu Glu Arg Asp Cys Ser
35 40 45

Ala Asn Thr Thr
50

<210> 1712
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R29Q"

<400> 1712
Asn Glu Lys Leu Asp Asn Gln Arg Leu Lys Asn Phe Lys Asn Lys Gly

1 5 10 15

Arg Asp Leu Glu Thr Met Arg Arg Gln Gln Gln Asn Glu Val Val Val
20 25 30

Glu Leu Arg Lys Asn Lys Arg Asp Glu His Leu Leu Lys Arg Arg Asn
35 40 45

Val Pro His Glu
50

<210> 1713
<211> 55
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E553fs"

<400> 1713
Tyr Cys Gly Pro Ser Ser Tyr Asn Gln Gly Gln Glu Ser Gly Ala Gly
1 5 10 15

Cys Gly Pro Gly Asp Val Phe Pro Glu Pro Glu Gly Ser Gly Trp Pro
20 25 30

Trp Arg Pro Arg Gln Cys Leu Cys Trp Ser Glu Arg Gly Ser Lys Glu
35 40 45

Cys Leu Phe Leu Lys Glu Arg
50 55

<210> 1714
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A59G"

<400> 1714
Pro Thr Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu

```
1               5                   10                  15

Thr Cys Leu Leu Asp Ile Leu Asp Thr Gly Gly Gly Gln Glu Glu Tyr
            20                  25                  30

Ser Ala Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys
        35                  40                  45

Val Phe Ala Ile
    50
```

<210> 1715
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q61K"

<400> 1715

```
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys
1               5                   10                  15

Leu Leu Asp Ile Leu Asp Thr Ala Gly Lys Lys Glu Glu Tyr Ser Ala
            20                  25                  30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
        35                  40                  45

Ala Ile Asn Asn Thr
    50
```

<210> 1716
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q61R"

<400> 1716

```
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys
```

1 5 10 15

Leu Leu Asp Ile Leu Asp Thr Ala Gly Arg Arg Glu Glu Tyr Ser Ala
20 25 30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
35 40 45

Ala Ile Asn Asn
50

<210> 1717
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q61L"

<400> 1717
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys
1 5 10 15

Leu Leu Asp Ile Leu Asp Thr Ala Gly Leu Leu Glu Glu Tyr Ser Ala
20 25 30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
35 40 45

Ala Ile Asn Asn
50

<210> 1718
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q61H"

<400> 1718
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys

```
1               5                   10                  15

Leu Leu Asp Ile Leu Asp Thr Ala Gly His His Glu Glu Tyr Ser Ala
            20                  25                  30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
        35                  40                  45

Ala Ile Asn Asn
    50
```

<210> 1719
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q61H"

<400> 1719

```
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys
1               5                   10                  15

Leu Leu Asp Ile Leu Asp Thr Ala Gly His His Glu Glu Tyr Ser Ala
            20                  25                  30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
        35                  40                  45

Ala Ile Asn Asn
    50
```

<210> 1720
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G12S"

<400> 1720

```
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Ser Ser Gly Val Gly
```

1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu
35

<210> 1721
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G12R"

<400> 1721
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Arg Arg Gly Val Gly
1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu
35

<210> 1722
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G12C"

<400> 1722
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Cys Cys Gly Val Gly
1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu

35

<210> 1723
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G12D"

<400> 1723
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Asp Asp Gly Val Gly
1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu
35

<210> 1724
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G12A"

<400> 1724
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Ala Ala Gly Val Gly
1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu
35

<210> 1725
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G12V"

<400> 1725
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Val Val Gly Val Gly
1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu
35

<210> 1726
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G13C"

<400> 1726
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Gly Cys Cys Val Gly
1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu Asp
35

<210> 1727
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.G13D"

<400> 1727
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Gly Asp Asp Val Gly
1   5   10   15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
            20   25   30

Tyr Asp Pro Thr Ile Glu Asp
        35

<210> 1728
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A146T"

<400> 1728
Pro Ser Arg Thr Val Asp Thr Lys Gln Ala Gln Asp Leu Ala Arg Ser
1   5   10   15

Tyr Gly Ile Pro Phe Ile Glu Thr Ser Thr Thr Lys Thr Arg Gln Arg
            20   25   30

Val Glu Asp Ala Phe Tyr Thr Leu Val Arg Glu Ile Arg Gln Tyr Arg
        35   40   45

Leu Lys Lys Ile
    50

<210> 1729
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R839G"

<400> 1729
Asp Arg Leu Ala Thr Ala Leu Ala Gly Leu Ala Gln Glu Val Ala Thr

1 5 10 15

Met Arg Thr Gln Val Asn Arg Leu Gly Gly Gly Arg Pro Gln Gly Pro
20 25 30

Gly Pro Met Gly Gln Ala Ser Trp Met Trp Thr Leu Pro Arg Gly Pro
35 40 45

Arg Trp Ala His
50

<210> 1730
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L299W"

<400> 1730
Lys Arg Thr Ala Ala Glu Asn Asp Phe Val Thr Leu Lys Lys Asp Val
1 5 10 15

Asp Asn Ala Tyr Met Ile Lys Val Glu Trp Trp Gln Ser Lys Val Asp
20 25 30

Leu Leu Asn Gln Glu Ile Glu Phe Leu Lys Val Leu Tyr Asp Ala Glu
35 40 45

Ile Ser Gln Ile
50

<210> 1731
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F154fs"

<400> 1731
Arg Gly Asn Lys Ser Ile Ser Met Ser Val Ala Gly Ser Arg Gln Gly

1 5 10 15

Ala Cys Phe Gly Gly Ala Gly Gly Phe Arg His Trp Trp Leu Trp Trp
20 25 30

Trp Ile Trp Gly Leu Leu Gln Trp
35 40

<210> 1732
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L197P"

<400> 1732
Asn Lys Phe Ala Ser Phe Ile Asp Lys Val Arg Phe Leu Glu Gln Gln
1 5 10 15

Asn Lys Val Leu Asp Thr Lys Trp Thr Pro Pro Leu Gln Glu Gln Gly
20 25 30

Thr Lys Thr Val Arg Gln Asn Leu Glu Pro Leu Phe Glu Gln Tyr Ile
35 40 45

Asn Asn Leu Arg
50

<210> 1733
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S59A"

<400> 1733
Thr Gln Lys Ser Tyr Lys Val Ser Thr Ser Gly Pro Arg Ala Phe Ser
1 5 10 15

Ser Arg Ser Tyr Thr Ser Gly Pro Gly Ala Ala Arg Ile Ser Ser Ser

```
            20                  25                  30

Ser Phe Ser Arg Val Gly Ser Ser Asn Phe Arg Gly Gly Leu Gly Gly
        35                  40                  45

Gly Tyr Gly Gly
    50
```

<210> 1734
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I116V"

<400> 1734

```
Cys Gly Thr Gly Cys Gly Ile Gly Gly Gly Ile Gly Tyr Gly Gln Glu
1               5                   10                  15

Gly Ser Ser Gly Ala Val Ser Thr Arg Val Val Arg Trp Cys Arg Pro
            20                  25                  30

Asp Cys Arg Val Glu Gly Thr Cys Leu Pro Pro Cys Cys Val Val Ser
        35                  40                  45

Cys Thr Pro Pro
    50
```

<210> 1735
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M124I"

<400> 1735

```
Ala Cys Gln Ser Glu Ser Ser Ser Ala Gly Leu Ala Cys Val Ser Gln
1               5                   10                  15

Pro Cys Gln Ser Glu Ser Thr Gln Gln Ile Ile Gly Phe Val Ala Gln
```

```
            20                  25                  30

Ser Cys Gln Pro Ala Ser Leu Lys Gly Asn Ser Cys Pro Pro Lys Thr
        35                  40                  45

Ser Lys Ser Lys
    50
```

<210> 1736
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S48R"

<400> 1736

```
Thr Cys Cys Arg Pro Ser Cys Cys Glu Thr Thr Cys Cys Arg Thr Thr
1               5                   10                  15

Tyr Cys Arg Pro Ser Cys Cys Val Ser Arg Arg Cys Cys Arg Pro Gln
            20                  25                  30

Cys Cys Gln Ser Val Cys Cys Gln Pro Thr Cys Cys Arg Pro Arg Cys
        35                  40                  45

Cys Ile Ser Ser
    50
```

<210> 1737
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S74C"

<400> 1737

```
Val Cys Tyr Gln Pro Thr Cys Cys His Pro Ser Cys Cys Ile Ser Ser
1               5                   10                  15

Cys Cys Arg Pro Tyr Cys Cys Glu Ser Cys Cys Cys Cys Arg Pro Cys
```

20 25 30

Cys Cys Gln Thr Thr Cys Cys Arg Thr Thr Cys Cys Arg Thr Thr Cys
35 40 45

Cys Cys Pro Ser
50

<210> 1738
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C91F"

<400> 1738
Cys Arg Pro Tyr Cys Cys Glu Ser Ser Cys Cys Arg Pro Cys Cys Cys
1 5 10 15

Gln Thr Thr Cys Cys Arg Thr Thr Cys Phe Phe Arg Thr Thr Cys Cys
20 25 30

Cys Pro Ser Cys Cys Val Ser Ser Cys Cys Arg Pro Gln Cys Cys Gln
35 40 45

Ser Val Cys Cys
50

<210> 1739
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T63S"

<400> 1739
Thr Cys Tyr Arg Pro Ser Tyr Ser Val Ser Cys Cys Cys Arg Pro Gln
1 5 10 15

Cys Cys Gln Ser Val Cys Cys Gln Pro Ser Ser Cys Cys Arg Pro Ser

20 25 30

Cys Cys Val Ser Ser Cys Cys Lys Pro Gln Cys Cys Gln Ser Val Cys
35 40 45

Cys Gln Pro Thr
50

<210> 1740
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D18V"

<400> 1740
Met Val Ser Ser Cys Cys Gly Ser Val Cys Ser Asp Gln Gly Cys Gly
1 5 10 15

Gln Val Val Leu Cys Gln Glu Thr Cys Cys Arg Pro Ser Cys Cys Glu
20 25 30

Thr Thr Cys Cys Arg Thr Thr Cys Cys Arg Pro Ser
35 40

<210> 1741
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S193Y"

<400> 1741
Gly Ser Cys Gly Gly Ser Lys Gly Gly Cys Gly Ser Cys Gly Gly Cys
1 5 10 15

Lys Gly Gly Cys Gly Ser Cys Gly Gly Tyr Tyr Lys Gly Gly Cys Gly
20 25 30

Ser Gly Cys Gly Gly Cys Gly Ser Gly Cys Gly Val Pro Val Cys Cys

35 40 45

Cys Ser Cys Ser
50

<210> 1742
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T555M"

<400> 1742
Phe Asn Leu Pro Ala Ser His Tyr Tyr Lys Tyr Lys Gln Gln Phe Ile
1 5 10 15

Phe Pro Asp Val Val Pro Val Pro Glu Met Met Pro Thr Arg Ala Pro
20 25 30

Gln Val Ile Leu His Pro Val Thr Ser Asn Pro Ile Leu Glu Gly Asn
35 40 45

Pro Leu Leu Gln
50

<210> 1743
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R632S"

<400> 1743
Leu Val Val Gly Ser Pro Gly Pro Val Pro Arg Leu Val Leu Ser Asp
1 5 10 15

Leu His Leu Leu Thr Gln Ser Gln Val Ser Ser Val Ser Trp Ser Pro
20 25 30

Ala Glu Asp His Asn Ala Pro Ile Glu Lys Tyr Asp Ile Glu Phe Glu

```
        35                  40                  45

Asp Lys Glu Met
    50


<210> 1744
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.T186M"

<400> 1744
Pro Pro Ser Ala Glu Pro Leu Arg Ile Tyr Trp Met Asn Ser Lys Ile
1               5                   10                  15


Leu His Ile Lys Gln Asp Glu Arg Val Met Met Met Gly Gln Asn Gly
            20                  25                  30


Asn Leu Tyr Phe Ala Asn Val Leu Thr Ser Asp Asn His Ser Asp Tyr
        35                  40                  45


Ile Cys His Ala
    50


<210> 1745
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.P441del"

<400> 1745
Val Glu Asp Phe Val Phe Asp Ala Gly Val Gly Asp Ile Gly Asn Arg
1               5                   10                  15


Ile Leu His Val Arg Asn Ala Pro Ser Ala Ala Thr Ser Ser Ile Ala
            20                  25                  30


Ile Ser Gly Met Ile Ala Asp Glu Val Gln Gln Arg Phe Glu Leu
```

35 40 45

<210> 1746
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W162L"

<400> 1746
His Pro Val Gly Trp Cys Glu Lys Thr Lys His Glu Leu His Ile Pro
1 5 10 15

Lys Gly Tyr Arg Lys Asp Lys Phe Val Leu Leu Met Asp Tyr Leu Lys
20 25 30

Ala Cys Lys Leu Gln Asn Ala Pro Lys Lys Leu Phe Arg Asn Arg Ser
35 40 45

Pro Asn Gly Pro
50

<210> 1747
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M5L"

<400> 1747
Met Tyr Arg Leu Leu Leu Ser Ala Val Thr Ala Arg Ala Ala Ala Pro
1 5 10 15

Gly Gly Leu Ala Ser Ser Cys Gly Arg Arg Gly Val His Gln Arg
20 25 30

<210> 1748
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A41T"

<400> 1748
Ala Ile Leu Ala Lys Gln Phe Thr Lys Cys Glu Leu Ser Gln Leu Leu
1 5 10 15

Lys Asp Ile Asp Gly Tyr Gly Gly Ile Thr Thr Leu Pro Glu Leu Ile
20 25 30

Cys Thr Met Phe His Thr Ser Gly Tyr Asp Thr Gln Ala Ile Val Glu
35 40 45

Asn Asn Glu Ser
50

<210> 1749
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D1030Y"

<400> 1749
Asn Thr Cys Asp Pro Glu Thr Gly Glu Cys Val Cys Pro Pro His Thr
1 5 10 15

Gln Gly Val Lys Cys Glu Glu Cys Glu Tyr Tyr Gly His Trp Gly Tyr
20 25 30

Asp Ala Glu Val Gly Cys Gln Ala Cys Asn Cys Ser Leu Val Gly Ser
35 40 45

Thr His His Arg
50

<210> 1750
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A558V"

<400> 1750
Ser Leu Ser Thr Ser Ala Asp Ser Leu Thr Thr Pro Arg Leu Thr Leu
1 5 10 15

Ser Glu Leu Asp Asp Ile Ile Lys Asn Val Val Ser Gly Ile Tyr Ala
20 25 30

Glu Ile Asp Gly Ala Lys Ser Glu Leu Gln Val Lys Leu Ser Asn Leu
35 40 45

Ser Asn Leu Ser
50

<210> 1751
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E639K"

<400> 1751
Asn Gly Leu Val Gln Lys Ala Leu Asp Ala Ser Asn Val Tyr Glu Asn
1 5 10 15

Ile Val Asn Tyr Val Ser Glu Ala Asn Lys Lys Thr Ala Glu Phe Ala
20 25 30

Leu Asn Thr Thr Asp Arg Ile Tyr Asp Ala Val Ser Gly Ile Asp Thr
35 40 45

Gln Ile Ile Tyr
50

<210> 1752
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M1293I"

<400> 1752
Pro Asn Gly Leu Leu Phe Tyr Tyr Ala Ser Gly Ser Asp Val Phe Ser
1 5 10 15

Ile Ser Leu Asp Asn Gly Thr Val Ile Ile Ile Asp Val Lys Gly Ile
20 25 30

Lys Val Gln Ser Val Asp Lys Gln Tyr Asn Asp Gly Leu Ser His Phe
35 40 45

Val Ile Ser Ser
50

<210> 1753
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L2223R"

<400> 1753
Ser Ser Met Ala Trp Ala Arg Leu His Arg Leu Asn Ala Ser Ile Ala
1 5 10 15

Asp Leu Gln Ser Gln Leu Arg Ser Pro Arg Arg Gly Pro Arg His Glu
20 25 30

Thr Ala Gln Gln Leu Glu Val Leu Glu Gln Gln Ser Thr Ser Leu Gly
35 40 45

Gln Asp Ala Arg
50

<210> 1754
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G588W"

<400> 1754
Gly Leu Ala Pro Leu Gly Ser Glu Thr Phe Gly Gln Ser Pro Ala Val
1 5 10 15

His Val Val Leu Gly Glu Pro Val Pro Trp Trp Asn Pro Val Thr Trp
20 25 30

Thr Gly Pro Gly Phe Ala Arg Val Leu Pro Gly Ala Gly Leu Arg Phe
35 40 45

Ala Val Asn Asn
50

<210> 1755
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G1239W"

<400> 1755
Glu Ala Asp Phe Lys Asp Leu Arg Gly Asn Val Ser Glu Ile Glu Arg
1 5 10 15

Ile Leu Lys His Pro Val Phe Pro Ser Trp Trp Lys Phe Leu Lys Val
20 25 30

Lys Asp Tyr His Asp Ser Val Arg Arg Gln Ile Met Gln Leu Asn Glu
35 40 45

Gln Leu Lys Ala
50

<210> 1756
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P174Q"

<400> 1756
Lys Arg Ser Arg Ala Asp Gly Pro Trp Glu Pro Tyr Gln Phe Tyr Ser
1 5 10 15

Ala Ser Cys Gln Lys Thr Tyr Gly Arg Gln Gln Glu Gly Gln Tyr Leu
20 25 30

Arg Pro Gly Glu Asp Glu Arg Val Ala Phe Cys Thr Ser Glu Phe Ser
35 40 45

Asp Ile Ser Pro Leu
50

<210> 1757
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A223fs"

<400> 1757
Pro Arg His Ile Pro Ala Asn Arg Gly Glu Ile Lys Gly Ser Glu Ser
1 5 10 15

Ala Thr Tyr Val Pro Val Ala Pro Pro His Pro Ser Leu Ala Thr Arg
20 25 30

Asp Gln Thr Gly Ala Cys Leu Ala Arg Pro Gly
35 40

<210> 1758
<211> 71
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T163fs"

<400> 1758
Pro Glu Asn Ser Glu Thr Gly Gly Asn Glu Ser Gln Pro Asp Ser Gln
1   5   10   15

Glu Asp Pro Arg Glu Val Leu Lys Lys His Trp Asn Ser Ala Tyr Leu
            20   25   30

Gly Arg Thr Leu Leu Val Thr Cys Ile Leu Tyr His Arg Trp Ile Val
        35   40   45

Thr Ser Met Cys Gln Ser Gln Arg Trp Leu Thr Ser Thr Thr Ser Arg
    50   55   60

Ser Ser Ala Leu Met Trp Thr
65   70

<210> 1759
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P185fs"

<400> 1759
Met Lys Ser Leu Gly Leu Ser Asp Glu Glu Ile Val Lys Phe Ser Glu
1   5   10   15

Ala Glu His Trp Leu Asp Tyr Phe Pro Ala Thr Gly Tyr Ser Gly Phe
            20   25   30

Lys Lys Asn Gly Phe Glu Gly Arg Leu Ala Ser Phe Leu His His His
        35   40   45

<210> 1760
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L18W"

<400> 1760
Met Ser Ser Gly Thr Glu Leu Leu Trp Pro Gly Ala Ala Leu Leu Val
1   5   10   15

Leu Trp Trp Gly Val Ala Ala Ser Leu Cys Val Arg Cys Ser Arg Pro
            20   25   30

Gly Ala Lys Arg Ser Glu Lys Ile Tyr Gln Gln Arg
        35   40

<210> 1761
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R176W"

<400> 1761
Ser Pro Ala Asp Arg Asp Gln Ile Ala Gln Gln Leu Gly Leu Thr Asn
1   5   10   15

Ala Gln Val Ile Thr Trp Phe Gln Asn Trp Trp Arg Ala Lys Leu Lys
            20   25   30

Arg Asp Leu Glu Glu Met Lys Ala Asp Val Glu Ser Ala Lys Lys Leu
        35   40   45

Gly Pro Ser Gly
    50

<210> 1762
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P445fs"

<400> 1762
Ser Asp Ala Leu Val Ile Phe Gln Leu Tyr Glu Lys Ile Lys Val Pro
1   5   10   15

Val Asp Trp Asn Arg Val Asn Lys Pro Ala Ile Pro Gln Thr Gly Arg
            20   25   30

Gln Tyr Glu Glu Ala
        35

<210> 1763
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L16Q"

<400> 1763
Met Lys Gln Arg Phe Ser Ala Leu Gln Leu Leu Lys Leu Leu Leu Gln
1   5   10   15

Gln Leu Gln Pro Pro Leu Pro Arg Ala Leu Arg Glu Ala Leu Cys Pro
            20   25   30

Glu Pro Cys Asn Cys Val Pro Asp Gly Ala
        35   40

<210> 1764
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H410Y"

<400> 1764
Ser Pro Val Thr Ser Ala His Ser Gly Thr Tyr Arg Cys Tyr Gly Ser
1   5   10   15

Leu Ser Ser Asn Pro Tyr Leu Leu Ser Tyr Tyr Pro Ser Asp Ser Leu

```
            20                  25                  30

Glu Leu Met Val Ser Gly Ala Ala Glu Thr Leu Ser Pro Pro Gln Asn
        35                  40                  45

Lys Ser Asp Ser
    50
```

<210> 1765
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L479del"

<400> 1765

```
Gly Leu Gly Arg His Leu Gly Val Val Ile Gly Ile Leu Val Ala Val
1               5                   10                  15

Ile Leu Leu Leu Leu Leu Leu Leu Leu Phe Leu Ile Leu Arg His Arg
            20                  25                  30

Arg Gln Gly Lys His Trp Thr Ser Thr Gln Arg Lys Ala Asp Phe Gln
        35                  40                  45

His Pro Ala Gly Ala
    50
```

<210> 1766
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S598P"

<400> 1766

```
Thr Lys Asp Arg Gln Ala Glu Glu Asp Arg Gln Met Asp Thr Glu Arg
1               5                   10                  15

Val Leu Ser Ser Pro Gly Pro Gln Ala Pro Pro Pro Pro Pro Pro Arg
```

20 25 30

Ser Leu Pro Leu Thr Leu Pro Arg Cys Arg Leu Leu His Leu Lys Pro
35 40 45

Pro Arg Met
50

<210> 1767
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S150T"

<400> 1767
Ile Met Ala Phe Ala His Gln Pro Thr Phe Ser Arg Ile Ser Arg Pro
1 5 10 15

Phe Ser Ala Gly Ile Met Phe Phe Ser Thr Thr Thr Leu Phe Val Val
20 25 30

Leu Ala Leu Ala Ile Tyr Thr Gly Val Thr Val Ser Phe Leu Gly Arg
35 40 45

Arg Phe Gly Asp
50

<210> 1768
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R203H"

<400> 1768
Thr Thr Val Gln Val Lys Glu Val Asn Arg Met His Ile Ser Pro Asn
1 5 10 15

Asn Arg Asn Ala Ile His Pro Gly Asp His His Ile Leu Glu Ile Asn

20 25 30

Gly Thr Pro Val Arg Thr Leu Arg Val Glu Glu Val Glu Asp Ala Ile
35 40 45

Ser Gln Thr Ser
50

<210> 1769
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R183W"

<400> 1769
Phe Cys Val Cys Leu Lys Glu Ser Phe Pro Asn Leu Lys Thr Arg Lys
1 5 10 15

Leu Thr Arg Val Glu Trp Gly Lys Ile Trp Trp Arg Leu Met Gly Lys
20 25 30

Pro Arg Arg Cys Ser Ser Ala Phe Phe Glu Glu Glu Arg Ser Ala Leu
35 40 45

Lys Gln Lys Arg
50

<210> 1770
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E231K"

<400> 1770
Gln Lys Arg Gln Lys Ile Arg Leu Leu Gln Gln Arg Lys Val Ala Asp
1 5 10 15

Val Ser Gln Phe Lys Asp Leu Pro Asp Lys Lys Ile Pro Leu Pro Leu

20 25 30

Val Ile Gly Thr Lys Val Thr Ala Arg Leu Arg Gly Val His Asp Gly
35 40 45

Leu Phe Thr Gly
50

<210> 1771
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P410T"

<400> 1771
Pro Asp Thr Ile Arg Glu Arg Ser Phe Lys Asp Phe His Ser Thr Ala
1 5 10 15

Leu Ser Phe Tyr Phe Thr Cys Lys Lys Thr Thr Lys Ile Arg Glu Lys
20 25 30

Lys Leu Gln His Leu Leu Val Asp Glu Gly Gln Thr Val Gln Leu Glu
35 40 45

Cys Ser Ala Asp
50

<210> 1772
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P236Q"

<400> 1772
Gly Ser Lys Leu Cys Pro Leu Gln Ile Phe Asp Lys Ile Cys Leu Asn
1 5 10 15

Ile Leu Phe Met Met Phe Gly Tyr Asp Gln Gln Lys Asn Leu Asn Met

20 25 30

Ser Arg Leu Asp Val Tyr Phe Ser His Asn Pro Ala Gly Thr Ser Val
35 40 45

Gln Asn Met Leu
50

<210> 1773
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P955fs"

<400> 1773
Pro Arg Cys Leu Val Asp Ser Ala Glu Thr Lys Asn His Arg Pro Gly
1 5 10 15

Asn Gly Ala Gly Pro Lys Lys Ala Pro Glu Pro Ser Gln Glu Leu Arg
20 25 30

Asp Ser Glu
35

<210> 1774
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G199C"

<400> 1774
Pro Val Ile Val Pro Glu Glu His Leu Gln Gln Cys Arg Val Tyr Arg
1 5 10 15

Gly Gly Lys Trp Pro His Gly Ala Val Cys Cys Val Pro Asp Gln Glu
20 25 30

Gly Ile Ser Asp Ala Asp Phe Val Leu Tyr Val Gly Ala Leu Ala Thr

35 40 45

Glu Arg Cys Ser
50

<210> 1775
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q285del"

<400> 1775
Arg His Gln Gln Gln Gln Glu Gln Gln Asn Ser Gln Arg Leu Gly Gln
1 5 10 15

Gly Glu Pro Gly Pro Gly Gln Gly Leu Gln Glu Val Leu Ser Ser Arg
20 25 30

Met Glu Gly Met Met Ala Ser Tyr Thr Pro Leu Ala Pro Pro Gln Gln
35 40 45

Gln Ile Val Ala Met
50

<210> 1776
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T532P"

<400> 1776
Ala Asp Asp Asn Leu Lys Thr Pro Ser Glu Arg Gln Leu Thr Ala Leu
1 5 10 15

Pro Pro Ser Ala Asp Asp Asn Ile Lys Pro Pro Pro Ala Glu Arg Leu
20 25 30

Arg Gly Pro Leu Pro Pro Ser Ala Asp Asp Asn Leu Lys Thr Pro Ser

35 40 45

Glu Arg Gln Leu
50

<210> 1777
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P90S"

<400> 1777
Ala Glu Gly Ile Ala Met Leu Leu Gly Thr Ala Gly Pro Ser Arg Leu
1 5 10 15

Pro Ala Ala Pro Asp Ala Ser Gln Ala Ser Ser Leu Arg Ser Pro Trp
20 25 30

Ala Leu Ser Val Ala Ala Ala Leu Cys Ser Pro Val Ser Cys His Pro
35 40 45

Cys Gly Arg His
50

<210> 1778
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L144M"

<400> 1778
Cys Val Leu Ala Pro Gly Ser Gly Ser Arg Pro Thr Pro His Ile Val
1 5 10 15

Tyr Ser Val Pro Ala Ala Arg Thr Cys Met Met Gly Ala Pro Gly Ser
20 25 30

Leu Ser Pro Cys His Leu Cys Val His Ile Cys Ala His Thr Tyr Ser

35 40 45

Gly Thr Pro Val
50

<210> 1779
<211> 61
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.RAPWMEQ147del"

<400> 1779
Leu Ser Val Gly Asp Val Asp Asp Thr Gln Cys Val Arg Leu Asp Ser
1 5 10 15

Asp Ala Thr Ser Pro Arg Met Glu Pro Glu Gly Pro Glu Tyr Trp Glu
20 25 30

Glu Glu Thr Gly Thr Ala Lys Ala Lys Ala Gln Phe Tyr Arg Val Asn
35 40 45

Leu Arg Thr Leu Ser Gly Tyr Tyr Asn Gln Ser Glu Ala
50 55 60

<210> 1780
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G93E"

<400> 1780
Ala Gly Glu Asp Gly Arg Met Ile Ala Ser Gln Val Val Asp Ile Asn
1 5 10 15

Leu Ala Ala Glu Pro Lys Val Asn Arg Glu Glu Asn Ala Gly Val Lys
20 25 30

Arg Ser Ala Ala Glu Met Tyr Gly Ser Ser Phe Asp Leu Asp Tyr Gly

35 40 45

Phe Gln Arg Asp
50

<210> 1781
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F906I"

<400> 1781
Glu Phe Ile Phe Leu Ile Gly Ile Asp Lys Thr Lys Tyr Ala Ile Ala
1 5 10 15

Cys Pro Ile Phe Ala Gly Leu Leu His Ile Ile Phe Phe Leu Ala Ala
20 25 30

Phe Ala Trp Met Cys Leu Glu Gly Val Gln Leu Tyr Leu Met Leu Val
35 40 45

Glu Val Phe Glu
50

<210> 1782
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E740D"

<400> 1782
Phe Pro Glu Asn Met Gly His Gly Ser Thr Ile Gln Leu Ser Ala Asn
1 5 10 15

Thr Leu Lys Gln Asn Gly Arg Asn Gly Asp Asp Ile Arg Val Ala Phe
20 25 30

Val Leu Tyr Asn Asn Leu Gly Pro Tyr Leu Ser Thr Glu Asn Ala Ser

35 40 45

Met Lys Leu Gly
50

<210> 1783
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R826H"

<400> 1783
Val Phe Thr Val Lys His Ile Lys Gln Ser Glu Glu Asn Phe Asn Pro
1 5 10 15

Asn Cys Ser Phe Trp Ser Tyr Ser Lys His His Thr Met Thr Gly Tyr
20 25 30

Trp Ser Thr Gln Gly Cys Arg Leu Leu Thr Thr Asn Lys Thr His Thr
35 40 45

Thr Cys Ser Cys
50

<210> 1784
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1183Q"

<400> 1784
Ser Gly Ser Arg Thr Pro Gly Arg Tyr Ser Thr Gly Ser Gln Ser Arg
1 5 10 15

Ile Arg Arg Met Trp Asn Asp Thr Val Gln Gln Lys Gln Ser Glu Ser
20 25 30

Ser Phe Ile Thr Gly Asp Ile Asn Ser Ser Ala Ser Leu Asn Arg Glu

35 40 45

Gly Leu Leu Asn
50

<210> 1785
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.S974L"

<400> 1785
Ser Asp Thr Phe Ser Asn Phe Thr Phe Trp Arg Glu Pro Leu Pro Pro
1 5 10 15

Phe Glu Asn Gln Asp Ile His Ser Ala Leu Leu Ala
20 25

<210> 1786
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A186S"

<400> 1786
Thr Asp Gln Gly Ala Cys Ala Gly Ser Pro Ser Leu Val Ala Ala Ala
1 5 10 15

Arg Arg Ala Phe Pro Cys Lys Asp Ala Ser Ser Leu Cys Ala Tyr Ala
20 25 30

Val Thr Tyr Thr Ala Met Tyr Val Thr Leu Val Phe Arg Val Lys Gly
35 40 45

Ser Arg Leu Val
50

<210> 1787

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R527S"

<400> 1787
Leu Lys Ile Gln Pro Gly Ala Val Pro Gly Cys Asn Asn Ser Met Pro
1 5 10 15

Gly Gly Pro Arg Val Ser Ile Gln Ser Ser Ser Pro Gly Ser Ser Gln
20 25 30

Leu Val His Ile Pro Glu Glu Thr Gln Glu Asn Ile Ser Thr Ser Pro
35 40 45

Lys Ser Ser Ser
50

<210> 1788
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E2103K"

<400> 1788
Val Ser Leu Ser Thr Pro Ala Gln Leu Val Ala Pro Ser Val Val Val
1 5 10 15

Lys Gly Thr Leu Ser Val Thr Ser Ser Lys Lys Leu Tyr Phe Glu Val
20 25 30

Asp Glu Glu Asp Pro Asn Phe Lys Lys Ile Asp Pro Lys Ile Leu Ala
35 40 45

Tyr Thr Glu Gly
50

<210> 1789

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D717G"

<400> 1789
Ser Ile His Val Pro Ser Pro Ala Val Pro Lys Leu Ser Met Ala Lys
1 5 10 15

Cys Arg Arg Asn Val Glu Asn Phe Leu Gly Gly Ala Cys Lys Lys Leu
20 25 30

Gly Val Ser Gln Glu Arg Leu Cys Leu Pro His His Ile Leu Glu Glu
35 40 45

Arg Gly Leu Val
50

<210> 1790
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N132K"

<400> 1790
Asn Ser Asn Arg Leu Thr Lys Ile Thr Asn Asp Met Phe Ser Gly Leu
1 5 10 15

Ser Asn Leu His His Leu Ile Leu Asn Lys Lys Asn Gln Leu Thr Leu
20 25 30

Ile Ser Ser Thr Ala Phe Asp Asp Val Phe Ala Leu Glu Glu Leu Asp
35 40 45

Leu Ser Tyr Asn
50

<210> 1791

<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L24V"

<400> 1791
Met Ala Arg Pro Val Arg Gly Gly Leu Gly Ala Pro Arg Arg Ser Pro
1 5 10 15

Cys Leu Leu Leu Leu Trp Leu Val Val Leu Leu Arg Leu Glu Pro Val
20 25 30

Thr Ala Ala Ala Gly Pro Arg Ala Pro Cys Ala Ala Ala Cys Thr Cys
35 40 45

Ala Gly
50

<210> 1792
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L26V"

<400> 1792
Met Ala Arg Pro Val Arg Gly Gly Leu Gly Ala Pro Arg Arg Ser Pro
1 5 10 15

Cys Leu Leu Leu Leu Trp Leu Leu Leu Val Val Arg Leu Glu Pro Val
20 25 30

Thr Ala Ala Ala Gly Pro Arg Ala Pro Cys Ala Ala Ala Cys Thr Cys
35 40 45

Ala Gly Asp Ser
50

<210> 1793

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P1058T"

<400> 1793
Thr Cys Asp Gly Asp Asn Asp Cys Gly Asp Tyr Ser Asp Glu Thr His
1 5 10 15

Ala Asn Cys Thr Asn Gln Ala Thr Arg Thr Thr Pro Gly Gly Cys His
20 25 30

Thr Asp Glu Phe Gln Cys Arg Leu Asp Gly Leu Cys Ile Pro Leu Arg
35 40 45

Trp Arg Cys Asp
50

<210> 1794
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G1488fs"

<400> 1794
Gly Ser Gly His Met Glu Val Leu Arg Gly His Glu Phe Leu Ser His
1 5 10 15

Pro Phe Ala Val Thr Leu Tyr Gly Gly Gly Gly Leu Leu Asp
20 25 30

<210> 1795
<211> 104
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G1488fs"

<400> 1795
Gly Ser Gly His Met Glu Val Leu Arg Gly His Glu Phe Leu Ser His
1   5   10   15

Pro Phe Ala Val Thr Leu Tyr Gly Gly Arg Ser Thr Gly Leu Thr Gly
            20   25   30

Glu Gln Thr His Trp Leu Arg Pro Thr Ser Gly Pro Ala Thr Met Ser
        35   40   45

Pro Trp Tyr Arg Gly Pro Thr Pro Ser Pro Leu Thr Cys Arg Cys Thr
    50   55   60

Thr Pro Pro Ala Ser Pro Trp Leu Pro Ile Pro Val Arg Pro Met Gly
65   70   75   80

Ala Arg Ala Pro Ala Pro Thr Cys Val Ser Ser Thr Thr Thr Gly Pro
                85   90   95

Cys Pro Ala Pro Ala Pro Thr Ser
            100

<210> 1796
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L11del"

<400> 1796
Met Leu Leu Ala Thr Leu Leu Leu Leu Leu Gly Gly Ala Leu Ala His
1   5   10   15

Pro Asp Arg Ile Ile Phe Pro Asn His Ala Cys Glu Asp Pro Pro Ala
            20   25   30

Val Leu Leu Glu Val Gln
        35

<210> 1797

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P92R"

<400> 1797
Gln Gln Glu Arg Pro Gln Glu Glu Leu Glu Leu Glu Leu Arg Ala Gly
1 5 10 15

Gly Gly Pro Gln Glu Asp Cys Pro Gly Arg Arg Gly Ser Gly Gly Tyr
20 25 30

Ser Ala Met Pro Asp Ala Ile Ile Arg Thr Lys Asp Ser Leu Ala Ala
35 40 45

Gly Ala Ser Phe
50

<210> 1798
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G310C"

<400> 1798
Cys Thr Trp Leu Ile Asp Thr Gly Asp His Arg Lys Val Ile Leu Arg
1 5 10 15

Phe Thr Asp Phe Lys Leu Asp Gly Thr Cys Cys Tyr Gly Asp Tyr Val
20 25 30

Lys Ile Tyr Asp Gly Leu Glu Glu Asn Pro His Lys Leu Leu Arg Val
35 40 45

Leu Thr Ala Phe
50

<210> 1799

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G3563C"

<400> 1799
Phe Asp Cys Ala Asp Gly Ser Asp Glu Arg Asn Cys Glu Thr Ser Cys
1 5 10 15

Ser Lys Asp Gln Phe Arg Cys Ser Asn Cys Cys Gln Cys Ile Pro Ala
20 25 30

Lys Trp Lys Cys Asp Gly His Glu Asp Cys Lys Tyr Gly Glu Asp Glu
35 40 45

Lys Ser Cys Glu
50

<210> 1800
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L1392F"

<400> 1800
Ser Leu Arg Thr Thr Leu Ile Ala Gly Ala Met Glu His Pro Arg Ala
1 5 10 15

Ile Ala Leu Asp Pro Arg Tyr Gly Ile Phe Phe Phe Trp Thr Asp Trp
20 25 30

Asp Ala Asn Phe Pro Arg Ile Glu Ser Ala Ser Met Ser Gly Ala Gly
35 40 45

Arg Lys Thr Ile
50

<210> 1801

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M4039I"

<400> 1801
Phe Gly Thr Cys Pro Gln His Cys Arg Asn Thr Lys Gly Ser Tyr Glu
1 5 10 15

Cys Val Cys Ala Asp Gly Phe Thr Ser Ile Ile Ser Asp Arg Pro Gly
20 25 30

Lys Arg Cys Ala Ala Glu Gly Ser Ser Pro Leu Leu Leu Leu Pro Asp
35 40 45

Asn Val Arg Ile
50

<210> 1802
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A516V"

<400> 1802
Ile Asp Met Val Asn Leu Asp Gly Ser Tyr Arg Val Thr Leu Ile Thr
1 5 10 15

Glu Asn Leu Gly His Pro Arg Gly Ile Val Val Val Asp Pro Thr Val
20 25 30

Gly Tyr Leu Phe Phe Ser Asp Trp Glu Ser Leu Ser Gly Glu Pro Lys
35 40 45

Leu Glu Arg Ala
50

<210> 1803

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S737L"

<400> 1803
Ile Phe Ser Ser Gln Val Ala Ile Arg Gly Ile Pro Phe Thr Leu Ser
1 5 10 15

Thr Gln Glu Asp Val Met Val Pro Val Leu Leu Gly Asn Pro Ser Phe
20 25 30

Phe Val Gly Ile Asp Phe Asp Ala Gln Asp Ser Thr Ile Phe Phe Ser
35 40 45

Asp Met Ser Lys
50

<210> 1804
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R2432I"

<400> 1804
Asn His Ser Pro Pro Phe Gln Thr Ile Asn Val Glu Arg Thr Val Met
1 5 10 15

Ser Leu Asp Tyr Asp Ser Val Ser Asp Ile Ile Ile Tyr Phe Thr Gln
20 25 30

Asn Leu Ala Ser Gly Val Gly Gln Ile Ser Tyr Ala Thr Leu Ser Ser
35 40 45

Gly Ile His Thr
50

<210> 1805

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R3043C"

<400> 1805
Cys Gly Asp Tyr Ser Asp Glu Arg Gly Cys Leu Tyr Gln Thr Cys Gln
1 5 10 15

Gln Asn Gln Phe Thr Cys Gln Asn Gly Cys Cys Cys Ile Ser Lys Thr
20 25 30

Phe Val Cys Asp Glu Asp Asn Asp Cys Gly Asp Gly Ser Asp Glu Leu
35 40 45

Met His Leu Cys
50

<210> 1806
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S1609P"

<400> 1806
Leu Ser Ala Glu Asp Ser Cys Pro Pro Ser Pro Ala Thr Glu Arg Ser
1 5 10 15

Tyr Phe His Leu Phe Pro Pro Pro Pro Pro Pro Pro Cys Thr Asp Ser
20 25 30

Ser

<210> 1807
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R675Q"

<400> 1807
Asn Asn Asn Asn Val Ala Ile Pro Leu Thr Gly Val Lys Glu Ala Ser
1 5 10 15

Ala Leu Asp Phe Asp Val Thr Asp Asn Gln Gln Ile Tyr Trp Thr Asp
20 25 30

Ile Ser Leu Lys Thr Ile Ser Arg Ala Phe Met Asn Gly Ser Ala Leu
35 40 45

Glu His Val Val
50

<210> 1808
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D227N"

<400> 1808
Leu Asp His Arg Asp Leu Ile Pro Ile Ile Ala Ala Leu Glu Tyr Asn
1 5 10 15

Gln Trp Phe Thr Lys Leu Ser Ser Lys Asn Asn Leu Lys Leu Ser Thr
20 25 30

Asp Val Cys Glu Gln Ile Leu Arg Val Val Ser Arg Ser Asn Arg Leu
35 40 45

Glu Glu Leu Val
50

<210> 1809
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R787W"

<400> 1809
Ala Val Asp Lys Glu Leu Gln Val Ile Leu Glu Ser Met Val Ser Leu
1 5 10 15

Thr Gln Glu Leu Cys Pro Val Ala Met Trp Trp Val Ala Glu Gly His
20 25 30

Asn Lys Met Leu Ser Asn Val Ala Glu Arg Val Thr Val Pro Arg Asn
35 40 45

Phe Ile Arg Gly
50

<210> 1810
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R218W"

<400> 1810
Arg Arg Leu Glu Asn Leu Tyr Val Val Glu Glu Lys Asp Leu Cys Ala
1 5 10 15

Ala Cys Leu Arg Lys Cys Gln Asn Ala Trp Trp Asp Asn Leu Asn Arg
20 25 30

Ile Lys Asn Met Ala Thr Thr Thr Pro Arg Lys Thr Ile Phe Pro Asn
35 40 45

Leu Ile Ser Pro
50

<210> 1811
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K23T"

<400> 1811
Arg Lys Lys Thr Ser Ser Glu Gly Glu Thr Lys Pro Gln Thr Ser Thr
1 5 10 15

Val Asn Lys Phe Leu Arg Thr Ala Ser Asn Ala Glu Ser Arg Lys Glu
20 25 30

Asp Asn Asp Leu Lys Thr Ser Asp Ser Gln Pro Ser Asp Trp Ile Gln
35 40 45

Lys

<210> 1812
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T102S"

<400> 1812
Glu Leu Glu Gln Pro His Thr Gln Gln Gly Pro Glu Lys Leu Ala Gly
1 5 10 15

Asn Ala Ile Tyr Thr Lys Pro Ser Phe Ser Ser Gln Glu His Lys Ala
20 25 30

Ala Val Ser Val Leu Thr Pro Phe Ser Lys Gly Ala Pro Ser Thr Ser
35 40 45

Ser Pro Ala Lys
50

<210> 1813
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A406D"

<400> 1813
Glu Thr Pro Gly Gln Pro Pro Glu His His Glu Val Thr Val Ser Pro
1 5 10 15

Pro Gly His His Gln Thr His His Leu Asp Asp Ser Pro Ser Val Ser
20 25 30

Val Lys Pro Pro Asp Val Gln Leu Thr Ile Ala Ala Glu Pro Ser Ala
35 40 45

Glu Val Gly Thr
50

<210> 1814
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D558fs"

<400> 1814
Lys Glu Pro Ala Lys Glu Trp Lys Val Leu Lys Lys Lys Lys Glu Pro
1 5 10 15

Pro Lys Glu Leu Arg Gln Asp Pro Pro Ser Ser Arg Cys Trp Ala Gly
20 25 30

Ala Trp

<210> 1815
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1389H"

<400> 1815
Val Pro Pro Asp Thr Ile Thr Lys Lys Ala Gly Ser His Ile Gln Thr
1   5   10   15

Leu Met Gly Ser Gln Ser Leu Gln His His His Ser Arg Glu Gln Gln
            20   25   30

Pro Tyr Glu Gly Asn Ile Asn Lys Val Thr Ile Gln Gln Phe Gln Ser
        35   40   45

Pro Leu Pro Ile
    50

<210> 1816
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A6V"

<400> 1816
Met Glu Ala Ala Ala Val Val Val Val Ala Ala Glu Ala Glu Val Glu
1   5   10   15

Asn Glu Asp Gly Asp Ser Ser Cys Gly Asp Val Cys Phe Met Asp Lys
            20   25   30

<210> 1817
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.W792L"

<400> 1817
Arg Lys Arg Pro Val Lys Cys Pro Ala Asn Met Thr Pro Ala Leu Asp

1 5 10 15

Lys Leu Glu Ile Leu Arg Cys Gly Pro Leu Leu Asp Thr Leu Gln Gln
20 25 30

Val Thr Thr Val Thr Phe Gln Asp Leu Pro Gly Cys Val Leu Ser Thr
35 40 45

Leu Ala Glu Cys
50

<210> 1818
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K244fs"

<400> 1818
Leu Ile Val Gln Arg Trp Ile Arg Gly Phe Leu Val Arg Lys Asn Leu
1 5 10 15

Ser Pro Val Phe Phe His Lys Lys Lys Thr Ala Gly Lys Asn Tyr
20 25 30

<210> 1819
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S243Y"

<400> 1819
Ser Lys Ile Asn Phe Ala His Phe Pro Arg Leu Phe Asn Leu Arg Ser
1 5 10 15

Ile Tyr Leu Gln Trp Asn Arg Ile Arg Tyr Tyr Ile Ser Gln Gly Leu
20 25 30

Thr Trp Thr Trp Ser Ser Leu His Asn Leu Asp Leu Ser Gly Asn Asp

35 40 45

Ile Gln Gly Ile
50

<210> 1820
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S139L"

<400> 1820
Asp Leu Thr Asn Leu Thr Glu Leu Gln Leu Arg Asn Asn Ser Ile Arg
1 5 10 15

Thr Leu Asp Arg Asp Leu Leu Arg His Leu Leu Pro Leu Leu Arg His
20 25 30

Leu Asp Leu Ser Ile Asn Gly Leu Ala Gln Leu Pro Pro Gly Leu Phe
35 40 45

Asp Gly Leu Leu
50

<210> 1821
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L176V"

<400> 1821
Gly Leu Ala Gln Leu Pro Pro Gly Leu Phe Asp Gly Leu Leu Ala Leu
1 5 10 15

Arg Ser Leu Ser Leu Arg Ser Asn Arg Val Val Gln Asn Leu Asp Arg
20 25 30

Leu Thr Phe Glu Pro Leu Ala Asn Leu Gln Leu Leu Gln Val Gly Asp

35 40 45

Asn Pro Trp Glu
50

<210> 1822
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R517L"

<400> 1822
Ile Thr Pro Arg Glu Asp Glu Asp Pro His Arg Pro Pro Thr Ser Glu
1 5 10 15

Glu Leu Leu Thr Ala Tyr Gly Tyr Met Leu Leu Gly Phe Met Thr Ala
20 25 30

His Gly Gln Pro Asp Gln Pro Arg Ser Ala Arg Tyr Ile Leu Lys Asp
35 40 45

Tyr Val Ser Gly
50

<210> 1823
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F107L"

<400> 1823
Tyr Lys Gly Ser Pro Met Glu Ile Ser Leu Pro Ile Ala Leu Ser Lys
1 5 10 15

Asn Gln Glu Ile Val Ile Glu Ile Ser Leu Leu Glu Thr Ser Pro Lys
20 25 30

Ser Ser Ala Leu Gln Trp Leu Thr Pro Glu Gln Thr Ser Gly Lys Glu

35 40 45

His Pro Tyr Leu
50

<210> 1824
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F73L"

<400> 1824
Gln Lys Arg Ser Val Thr Ala Leu Met Val Leu Asn Leu Ala Leu Ala
1 5 10 15

Asp Leu Ala Val Leu Leu Thr Ala Pro Leu Leu Phe Leu His Phe Leu
20 25 30

Ala Gln Gly Thr Trp Ser Phe Gly Leu Ala Gly Cys Arg Leu Cys His
35 40 45

Tyr Val Cys Gly
50

<210> 1825
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S148T"

<400> 1825
Gly Lys Asn Glu Glu Lys Ile Gln Val Leu Thr Asp Lys Ile Asp Val
1 5 10 15

Leu Leu Gln Gln Ile Glu Glu Leu Gly Thr Thr Glu Gly Lys Val Glu
20 25 30

Glu Ala Gln Gly Met Met Lys Leu Val Glu Gln Leu Lys Glu Glu Arg

```
        35                  40                  45

Glu Leu Leu Arg
    50


<210> 1826
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R310L"

<400> 1826
Gln Leu Glu Lys Phe Asp Ile Lys Ser Phe Cys Lys Ile Leu Gly Pro
1               5                   10                  15


Leu Ser Tyr Ser Lys Ile Lys His Leu Leu Leu Leu Asp Gly Asn Arg
            20                  25                  30


Ile Ser Glu Thr Ser Leu Pro Pro Asp Met Tyr Glu Cys Leu Arg Val
        35                  40                  45


Ala Asn Glu Val
    50


<210> 1827
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R330C"

<400> 1827
Lys Ile Lys His Leu Arg Leu Asp Gly Asn Arg Ile Ser Glu Thr Ser
1               5                   10                  15


Leu Pro Pro Asp Met Tyr Glu Cys Leu Cys Cys Val Ala Asn Glu Val
            20                  25                  30


Thr Leu Asn
```

35

<210> 1828
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I69L"

<400> 1828
Arg Ala Ser Gly Lys Asp Ser Ala Pro Thr Val Val Ser Gly Ile Leu
1 5 10 15

Gly Gly Ser Val Thr Leu Pro Leu Asn Leu Leu Ser Val Asp Thr Glu
20 25 30

Ile Glu Asn Val Ile Trp Ile Gly Pro Lys Asn Ala Leu Ala Phe Ala
35 40 45

Arg Pro Lys Glu
50

<210> 1829
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T64K"

<400> 1829
Ala Val Ala Phe His Asn Trp Lys Trp Leu Leu Met Arg Asn Met Val
1 5 10 15

Cys Lys Leu Gln Glu Gly Cys Glu Glu Lys Lys Leu Val Phe Ile Glu
20 25 30

Thr Gly Thr Ala Arg Gly Val Val Gly Phe Lys Gly Cys Ser Ser Ser
35 40 45

Ser Ser Tyr Pro

50

<210> 1830
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q710H"

<400> 1830
Asp Leu Leu Trp Lys Trp Asp Ala Leu Lys Ala Tyr Gln Asn Phe Val
1 5 10 15

Phe Glu Glu Asp Arg Leu His Ser Ile His His Ile Ala Asn His Ile
20 25 30

Cys Asn Leu Ile Gln Lys Gly Asn Ile Val Val Gln Trp Lys Leu Tyr
35 40 45

Asn Tyr Ile Phe
50

<210> 1831
<211> 98
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.RTQDLEGALRTKGLEL432del"

<400> 1831
Ala Lys Ala Ser Glu Ile Leu Gly Leu Lys Ala Gln Leu Lys Asp Thr
1 5 10 15

Arg Gly Lys Leu Glu Gly Leu Glu Leu Glu Val Cys Glu Asn Glu Leu
20 25 30

Gln Arg Lys Lys Asn Glu Ala Glu Leu Leu Arg Glu Lys Val Asn Leu
35 40 45

Leu Glu Gln Glu Leu Gln Glu Leu Arg Ala Gln Ala Ala Leu Ala Arg

```
    50                  55                  60

Asp Met Gly Pro Pro Thr Phe Pro Glu Asp Val Pro Ala Leu Gln Arg
65                  70                  75                  80

Glu Leu Glu Arg Leu Arg Ala Glu Leu Arg Glu Glu Arg Gln Gly His
                85                  90                  95

Asp Gln
```

<210> 1832
<211> 65
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P100fs"

<400> 1832

```
Val Pro Pro Arg Lys Ala Val Pro Val Thr Ser Phe Thr Tyr Ile Asn
1               5                   10                  15

Glu Asp Phe Arg Thr Glu Ser Pro Pro Ala Gln Ala Val Met Leu Arg
            20                  25                  30

Met Pro Glu Ser Ser Gly His Thr Met Pro Thr Ser Ala Ala His His
        35                  40                  45

Gln Ser Ser Ser Leu Ser Leu Glu Ser Trp Arg Arg Thr Trp Arg Arg
    50                  55                  60

Ser
65
```

<210> 1833
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.R345C"

<400> 1833
Glu Ala His Val Pro Leu Gln Asp Tyr Glu Ala Ser Asn Ser Val Thr
1   5   10   15

Pro Lys Met Val Val Leu Asp Ala Gly Cys Cys Tyr Gln Lys Leu Arg
            20   25   30

Val Gly Ser Ser Gly Phe Ser His Phe Asn Ser Ser Asn Glu Glu Gln
        35   40   45

Arg Ser Asn Thr
    50

<210> 1834
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G53fs"

<400> 1834
Met Lys Phe Glu Val Lys Lys Glu Pro Val Glu Thr Asp Arg Ile Ile
1   5   10   15

Ser Gln Cys Gly Arg Leu Ile Ala Gly Ala Arg Cys Pro Pro Pro Pro
            20   25   30

<210> 1835
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L609H"

<400> 1835
Pro Gln Gly Glu Asp Ser Leu Ser Pro His Tyr Phe Pro Gln Ser Pro
1   5   10   15

Pro Gln Gly Glu Asp Ser Met Ser Pro His His Tyr Phe Pro Gln Ser

```
            20                  25                  30

Pro Leu Gln Gly Glu Glu Phe Gln Ser Ser Leu Gln Ser Pro Val Ser
        35                  40                  45

Ile Cys Ser Ser
    50
```

<210> 1836
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P239del"

<400> 1836

```
Phe Gln Ser Ser Pro Glu Arg Thr Gln Ser Thr Phe Glu Gly Phe Ala
1               5                   10                  15

Gln Ser Pro Leu Gln Ile Pro Val Ser Ser Ser Ser Ser Thr Leu Leu
            20                  25                  30

Ser Leu Phe Gln Ser Phe Ser Glu Arg Thr Gln Ser Thr Phe Glu Gly
        35                  40                  45

Phe Ala Gln Ser Ser
    50
```

<210> 1837
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V380M"

<400> 1837

```
Ser Val Leu Pro Ile Pro Gly Glu Gly Leu Ser Thr Ser Val Pro Pro
1               5                   10                  15

Thr Ala Ser Asp Gly Ser Asp Thr Ser Met Met Pro Pro Thr Pro Gly
```

20 25 30

Glu Gly Ala Ser Thr Leu Val Gln Pro Thr Ala Pro Asp Gly Pro Gly
35 40 45

Ser Ser Val Leu
50

<210> 1838
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q45fs"

<400> 1838
Gly Asp Gly Arg Gly Glu Ile Gln Ala Thr Asn Ala Ser Gly Ser Pro
1 5 10 15

Thr Ser Met Leu Val Val Asp Ala Pro Ser Ala Leu Arg Arg Gln Ser
20 25 30

Thr Leu Ser Val Ser Thr Leu Pro Arg Pro Phe Arg Thr Arg Met Thr
35 40 45

Trp Arg Ser
50

<210> 1839
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G1156V"

<400> 1839
Lys Gly Phe Gly Phe Ser Leu Arg Gly Gly Arg Glu Tyr Asn Met Asp
1 5 10 15

Leu Tyr Val Leu Arg Leu Ala Glu Asp Val Val Pro Ala Glu Arg Cys

20 25 30

Gly Lys Met Arg Ile Gly Asp Glu Ile Leu Glu Ile Asn Gly Glu Thr
35 40 45

Thr Lys Asn Met
50

<210> 1840
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1198C"

<400> 1840
Ile Asn Gly Glu Thr Thr Lys Asn Met Lys His Ser Arg Ala Ile Glu
1 5 10 15

Leu Ile Lys Asn Gly Gly Arg Arg Val Cys Cys Leu Phe Leu Lys Arg
20 25 30

Gly Asp Gly Ser Val Pro Glu Tyr Asp Pro Ser Ser Asp Arg His Gly
35 40 45

Pro Ala Thr Gly
50

<210> 1841
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L450M"

<400> 1841
Leu Ser Thr Thr Leu Lys Lys Ser Asn Met Gly Phe Gly Phe Thr Ile
1 5 10 15

Ile Gly Gly Asp Glu Pro Asp Glu Phe Met Met Gln Val Lys Ser Val

20 25 30

Ile Pro Asp Gly Pro Ala Ala Gln Asp Gly Lys Met Glu Thr Gly Asp
35 40 45

Val Ile Val Tyr
50

<210> 1842
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1044T"

<400> 1842
Pro Ser Ser Glu Lys Gln Ser Pro Met Ala Gln Gln Ser Pro Leu Ala
1 5 10 15

Gln Gln Ser Pro Leu Ala Gln Pro Ser Thr Thr Ala Thr Pro Asn Ser
20 25 30

Pro Ile Ala Gln Pro Ala Pro Pro Gln Pro Leu Gln Leu Gln Gly His
35 40 45

Glu Asn Ser Tyr
50

<210> 1843
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q591K"

<400> 1843
Gln Ala Asn Gln Gln Met Pro Ser Val Leu Pro Ser Gln Asn Lys Pro
1 5 10 15

Ser Leu Leu His Tyr Thr Gln Gln Gln Lys Lys Gln Gln Gln Gln Gln

```
            20                  25                  30

Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
        35                  40                  45

Gln Gln Gln Gln
    50
```

<210> 1844
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q572L"

<400> 1844

```
Tyr Leu Gln Gln Pro Thr Pro Thr Gln Ala Ser Ser Ala Thr Ala Ser
1               5                   10                  15

Ser Thr Ala Thr Ala Thr Leu Gln Leu Leu Leu Gln Gln Gln Gln Gln
            20                  25                  30

Gln Gln Gln Gln Pro Asp His Ser Ser Phe Leu Leu Gln Gln Met Met
        35                  40                  45

Gln Gln Pro Gln
    50
```

<210> 1845
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P162fs"

<400> 1845

```
Gln Pro His Pro Arg Met Lys Pro Ser Pro Leu Thr Pro Cys Pro Pro
1               5                   10                  15

Gly Val Pro Ser Pro Ser Pro Pro Pro Thr Gln Val Gly Thr Ser Asp
```

20 25 30

Pro

<210> 1846
<211> 91
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G431fs"

<400> 1846
Met Glu Ala Lys Asn Met Tyr Tyr Glu Ala Leu Glu Ala Ile Glu Thr
1 5 10 15

Tyr Leu Leu Asn Val Ser Pro Gly Gly Ala Asp Leu His Cys Arg Val
20 25 30

Ala Arg Gly Asp Ser Gly Pro Gln Asp Gly Ala Pro Gly Leu Phe Leu
35 40 45

Arg Gly His Asp Arg Pro Trp Arg Arg Gly Cys Gln Gly Arg Lys Glu
50 55 60

Gly Pro Leu Pro Arg Ala Arg Ser Pro Asp His Gln Asp Val Ser Arg
65 70 75 80

Val Ile Arg Pro Leu Arg His Gln Thr Trp Ala
85 90

<210> 1847
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.P2063fs"

<400> 1847
Gly Pro Thr Val Pro Pro Arg Pro Glu Pro Gly Pro Ser Met Glu Pro

1 5 10 15

Ser Leu Thr Pro Pro Ala Val Pro Pro Val Leu Leu Ser
20 25

<210> 1848
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E2046D"

<400> 1848
Glu Gly Tyr Ser Tyr Glu Thr Ser Thr Lys Thr Thr Arg Thr Pro Asp
1 5 10 15

Thr Ser Thr Tyr Cys Tyr Glu Thr Ala Asp Asp Lys Ile Thr Arg Thr
20 25 30

Pro Gln Ala Ser Thr Tyr Ser Tyr Glu Thr Ser Asp Leu Cys Tyr Thr
35 40 45

Ala Glu Lys Lys
50

<210> 1849
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S411C"

<400> 1849
Glu Lys Met Gly Val Gly Arg Leu Asp Met Tyr Val Leu His Pro Pro
1 5 10 15

Ser Ala Gly Ala Glu Arg Thr Leu Ala Cys Cys Val Cys Ala Leu Leu
20 25 30

Val Trp His Pro Ala Gly Pro Gly Glu Lys Val Val Arg Val Leu Phe

35 40 45

Pro Gly Cys Thr
50

<210> 1850
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K530N"

<400> 1850
Gln Ala Val Thr Asp Ser Ala Met Thr Ser Lys Thr Leu Glu Lys Ala
1 5 10 15

Met Thr Glu Pro Ser Ala Leu Ile Glu Asn Asn Ser Ser Ile Gln Glu
20 25 30

Leu Phe Glu Met Arg Val Asp Asp Lys Asp Lys Ile Glu Gly Val Gly
35 40 45

Ala Ala Thr Ser
50

<210> 1851
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K1472fs"

<400> 1851
Glu Pro Ser Thr Val Ser Arg Asp Glu Val Arg Arg Lys Lys Ala Val
1 5 10 15

Tyr Lys Lys Ala Glu Leu Ala Lys Lys Asn Arg Ser Ser Gly Pro Leu
20 25 30

Ser Leu Gln Glu Ile His Phe Lys Thr Cys Tyr Gln Ile Tyr

35 40 45

<210> 1852
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K57N"

<400> 1852
Ala Leu Gln Lys Lys Leu Glu Glu Leu Glu Leu Asp Glu Gln Gln Arg
1 5 10 15

Lys Arg Leu Glu Ala Phe Leu Thr Gln Asn Asn Gln Lys Val Gly Glu
20 25 30

Leu Lys Asp Asp Asp Phe Glu Lys Ile Ser Glu Leu Gly Ala Gly Asn
35 40 45

Gly Gly Val Val
50

<210> 1853
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K57N"

<400> 1853
Ala Leu Gln Lys Lys Leu Glu Glu Leu Glu Leu Asp Glu Gln Gln Arg
1 5 10 15

Lys Arg Leu Glu Ala Phe Leu Thr Gln Asn Asn Gln Lys Val Gly Glu
20 25 30

Leu Lys Asp Asp Asp Phe Glu Lys Ile Ser Glu Leu Gly Ala Gly Asn
35 40 45

Gly Gly Val Val

50

<210> 1854
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P124S"

<400> 1854
Ile His Leu Glu Ile Lys Pro Ala Ile Arg Asn Gln Ile Ile Arg Glu
1 5 10 15

Leu Gln Val Leu His Glu Cys Asn Ser Ser Ser Tyr Ile Val Gly Phe
20 25 30

Tyr Gly Ala Phe Tyr Ser Asp Gly Glu Ile Ser Ile Cys Met Glu His
35 40 45

Met Asp Gly Gly
50

<210> 1855
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S184L"

<400> 1855
Pro Tyr Ile Val Gln Phe Tyr Gly Ala Leu Phe Arg Glu Gly Asp Cys
1 5 10 15

Trp Ile Cys Met Glu Leu Met Ser Thr Leu Leu Phe Asp Lys Phe Tyr
20 25 30

Lys Tyr Val Tyr Ser Val Leu Asp Asp Val Ile Pro Glu Glu Ile Leu
35 40 45

Gly Lys Ile Thr

50

<210> 1856
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S251I"

<400> 1856
Ile His Arg Asp Ile Lys Pro Ser Asn Ile Leu Leu Asp Arg Ser Gly
1 5 10 15

Asn Ile Lys Leu Cys Asp Phe Gly Ile Ile Ile Gly Gln Leu Val Asp
20 25 30

Ser Ile Ala Lys Thr Arg Asp Ala Gly Cys Arg Pro Tyr Met Ala Pro
35 40 45

Glu Arg Ile Asp
50

<210> 1857
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.T261fs"

<400> 1857
Asp Arg Ser Gly Asn Ile Lys Leu Cys Asp Phe Gly Ile Ser Gly Gln
1 5 10 15

Leu Val Asp Ser Ile Ala Lys Thr Arg Cys Trp Leu
20 25

<210> 1858
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R287H"

<400> 1858
Arg Asp Ala Gly Cys Arg Pro Tyr Met Ala Pro Glu Arg Ile Asp Pro
1 5 10 15

Ser Ala Ser Arg Gln Gly Tyr Asp Val His His Ser Asp Val Trp Ser
20 25 30

Leu Gly Ile Thr Leu Tyr Glu Leu Ala Thr Gly Arg Phe Pro Tyr Pro
35 40 45

Lys Trp Asn Ser
50

<210> 1859
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q445R"

<400> 1859
Val Gln Phe Asn Asp Gly Asn Ala Ala Val Val Ser Met Trp Val Cys
1 5 10 15

Arg Ala Leu Glu Glu Arg Arg Ser Gln Arg Arg Gly Pro Pro
20 25 30

<210> 1860
<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.I761fs"

<400> 1860
Leu Asn Cys Ile Leu Gly Asn Gln Thr Glu Ser Asn Asn Trp Gln Glu
1   5   10   15

Leu Leu Gly Arg Leu Cys Leu Ile Asp Cys Cys Trp Asn Phe Leu Leu
            20   25   30

Asn Phe Ile Leu Ile Leu Ser Val Leu Met Phe His Lys Leu Ser Leu
        35   40   45

Leu Lys Ser Gly Ile Arg Ser Cys Cys Pro Ser
    50   55

<210> 1861
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V1346del"

<400> 1861
Leu Phe Ile Glu Trp Met Ala Gly Gly Ser Val Ala His Leu Leu Ser
1   5   10   15

Lys Tyr Gly Ala Phe Lys Glu Ser Val Ile Asn Tyr Thr Glu Gln Leu
            20   25   30

Leu Arg Gly Leu Ser Tyr Leu His Glu Asn Gln Ile Ile His Arg Asp
        35   40   45

Val Lys Gly Ala Asn
    50

<210> 1862
<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.L1384fs"

<400> 1862
Leu His Glu Asn Gln Ile Ile His Arg Asp Val Lys Gly Ala Asn Leu
1   5   10   15

Leu Ile Asp Ser Thr Gly Gln Arg Leu Lys Asn Cys Arg Phe Trp Ser
            20   25   30

Cys Ser Gln Val Gly Ile Lys Arg Asn Trp Cys Arg Arg Val Ser Gly
        35   40   45

Thr Ile Thr Gly Asp Asn Cys Ile Tyr Gly Thr
    50   55

<210> 1863
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L318fs"

<400> 1863
Asp Gly Phe Ser Pro Tyr Ser Pro Glu Glu Thr Asn Arg Arg Val Asn
1   5   10   15

Lys Val Met Arg Ala Arg Leu Tyr Leu Thr Ala Ala Asp Arg Ala
            20   25   30

<210> 1864
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P324L"

<400> 1864
Tyr Ser Pro Glu Glu Thr Asn Arg Arg Val Asn Lys Val Met Arg Ala
1   5   10   15

Arg Leu Tyr Leu Leu Gln Gln Ile Gly Leu Leu Asn Ser Phe Leu Ile

20 25 30

Gly Gly Asp Ser Pro Asp Asn Lys Tyr Arg Val Phe Ile Gly Pro Gln
35 40 45

Asn Cys Ser Cys
50

<210> 1865
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R449del"

<400> 1865
Lys Leu His Phe Glu Lys Ile Lys Ser Glu Gly Thr Cys Leu His Arg
1 5 10 15

Leu Glu Glu Glu Leu Val Met Arg Arg Glu Glu Leu Arg His Ala Leu
20 25 30

Asp Ile Arg Glu His Tyr Glu Arg Lys Leu Glu Arg Ala Asn Asn Leu
35 40 45

Tyr Met Glu Leu Asn
50

<210> 1866
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R275Q"

<400> 1866
Glu Asn Thr Ser Gly Phe Trp Leu Asn Arg Ser Asn Glu Leu Ile Trp
1 5 10 15

Leu Glu Leu Gln Ala Trp His Ala Gly Gln Gln Thr Ile Asn Asp Gln

```
            20                  25                  30

Asp Phe Phe Leu Tyr Thr Ala Arg Gln Ala Ile Pro Asp Ile Ile Asn
        35                  40                  45

Glu Ile Leu Thr
    50
```

<210> 1867
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E524Q"

<400> 1867

```
Ala Tyr Leu Thr Leu Asp His Gln Leu Gln Pro Leu Ala Pro Cys Pro
1               5                   10                  15

Asn Ser Lys Glu Ser Met Ala Val Phe Gln Gln Gln His Cys Lys Met
            20                  25                  30

Ala Gln Glu Tyr Met Lys Val Gln Thr Glu Ile Ala Leu Leu Leu Gln
        35                  40                  45

Arg Lys Gln Glu
    50
```

<210> 1868
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R341G"

<400> 1868

```
Ser Arg Gly Gln His Gly Pro Ala Glu Arg Thr Pro Ser Glu Ile Gln
1               5                   10                  15

Phe His Gln Val Lys Phe Gly Ala Pro Gly Gly Arg Lys Glu Thr Asp
```

20 25 30

Pro Leu Asn Glu Pro Trp Glu Glu Glu Trp Thr Leu Leu Gly Lys Glu
35 40 45

Glu Leu Ser Gly
50

<210> 1869
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P657fs"

<400> 1869
Leu Phe Asp Tyr Ala Arg Gln Met Gln Lys Leu Pro Val Ala Ile Pro
1 5 10 15

Ala His Lys Leu Pro Asp Arg Ile Leu Gln Gly Asn Phe Leu Tyr Gln
20 25 30

Gln Lys Ser Leu Lys Pro Asn Gly Ala Arg Ser Val Val Leu
35 40 45

<210> 1870
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A80fs"

<400> 1870
Ala Thr Ser Ser Lys Gln Leu Pro Leu Glu Pro Glu Ser Pro Ser Gly
1 5 10 15

Gln Val Gly Pro Arg Pro Ala Pro Pro Ala Gly Arg Val Pro Phe Leu
20 25 30

<210> 1871

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R487C"

<400> 1871
Glu Arg Leu Glu Lys Glu Glu Gln Asp Arg Leu Glu Arg Glu Glu Leu
1 5 10 15

Lys Arg Lys Ala Glu Glu Glu Arg Leu Cys Cys Leu Glu Glu Glu Ala
20 25 30

Arg Lys Gln Glu Glu Glu Arg Lys Arg Gln Glu Glu Glu Lys Lys Lys
35 40 45

Gln Glu Gly Glu
50

<210> 1872
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.Q308fs"

<400> 1872
Pro Gln Thr Lys Val Glu Glu Ser Pro Leu Glu Lys Val Glu Thr Pro
1 5 10 15

Pro Lys Ala Ser Val Asp Ala Pro Pro Arg
20 25

<210> 1873
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K485N"

<400> 1873
Gln Lys Lys Ala Ala Lys Arg Glu Glu Ala Leu Ala Ser Phe Glu Ala
1   5   10   15

Trp Lys Ala Met Lys Glu Lys Glu Ala Asn Asn Lys Ile Ala Ala Lys
            20   25   30

Lys Arg Leu Glu Glu Lys Asn Lys Lys Lys Thr Glu Glu Glu Asn Ala
        35   40   45

Ala Arg Lys Gly
    50

<210> 1874
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E322K"

<400> 1874
Asn Pro His Lys Arg Ile Glu Val Glu Gln Ala Leu Ala His Pro Tyr
1   5   10   15

Leu Glu Gln Tyr Tyr Asp Pro Ser Asp Lys Lys Pro Ile Ala Glu Ala
            20   25   30

Pro Phe Lys Phe Asp Met Glu Leu Asp Asp Leu Pro Lys Glu Lys Leu
        35   40   45

Lys Glu Leu Ile
    50

<210> 1875
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E315K"

<400> 1875
Glu Leu Asp Val Asp Lys Arg Leu Thr Ala Ala Gln Ala Leu Thr His
1   5   10   15

Pro Phe Phe Glu Pro Phe Arg Asp Pro Lys Lys Glu Glu Thr Glu Ala
            20   25   30

Gln Gln Pro Phe Asp Asp Ser Leu Glu His Glu Lys Leu Thr Val Asp
        35   40   45

Glu Trp Lys Gln
    50

<210> 1876
<211> 127
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q511fs"

<400> 1876
Pro Pro Arg Leu Pro Pro Glu Ala Arg Pro Gly Arg Arg Met Phe Ser
1   5   10   15

Thr Ser Ala Leu Gln Gly Ala Gln Gly Val Pro Gly Leu Cys Leu Glu
            20   25   30

Ala Thr Pro Lys Pro Thr Gly Leu Ser Ala Thr Arg His Trp Ala Thr
        35   40   45

Cys Pro Cys Trp Arg Gly Thr Met Cys Glu Pro Pro Tyr Ser Leu His
    50   55   60

Leu Ala Leu Cys Ser Cys Pro Ser Pro Phe Pro Arg Pro Leu Ser Ser
65   70   75   80

Leu Leu His Pro Leu Ala Leu Pro Ala Leu Pro Gly Pro Leu Lys Phe
                85   90   95

Gln Gly Ala Cys Pro Gly Leu Leu Gly Gly Ala Asp Glu Gly Pro Ala

```
            100                 105                 110

Pro Ala Pro Leu Thr Ser Ser Asn Lys Val Met Ser Ala Pro Asn
        115                 120                 125


<210> 1877
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.V100M"

<400> 1877
Asp Asn Ile Val Lys Val Tyr Glu Val Leu Gly Pro Lys Gly Thr Asp
1               5                   10                  15


Leu Gln Gly Glu Leu Phe Lys Phe Ser Met Met Ala Tyr Ile Val Gln
            20                  25                  30


Glu Tyr Met Glu Thr Asp Leu Ala Arg Leu Leu Glu Gln Gly Thr Leu
        35                  40                  45


Ala Glu Glu His
    50


<210> 1878
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.A501D"

<400> 1878
Lys Ala Ala Leu Lys Ala Ala Leu Leu Lys Ser Leu Arg Ser Arg Leu
1               5                   10                  15


Arg Asp Gly Pro Ser Ala Pro Leu Glu Asp Asp Pro Glu Pro Arg Lys
            20                  25                  30


Pro Val Thr Ala Gln Glu Arg Gln Arg Glu Arg Glu Glu Lys Arg Arg
```

35 40 45

Arg Arg Gln Glu
50

<210> 1879
<211> 81
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L217fs"

<400> 1879
Ser Ser Ser Pro Leu Lys Thr Gly Glu Gln Thr Pro Pro His Glu His
1 5 10 15

Ile Cys Leu Ser Asp Glu Leu Pro Pro Pro Arg Ala Ala Pro Pro Pro
20 25 30

Pro Gln Ile Glu Ala Pro Pro Pro Thr Ala Leu Ala Ala Ala Ala Gln
35 40 45

Pro Pro Arg Trp His Leu Arg Val Val Pro Leu Leu Pro Arg Leu Gly
50 55 60

Val Gly Ala Thr Arg Ile Glu Thr Glu Ser Thr Thr Arg Pro Met Cys
65 70 75 80

Asp

<210> 1880
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T214fs"

<400> 1880
Glu Asn Leu Leu Tyr Thr Ser Lys Arg Pro Asn Ala Ile Leu Lys Leu

1 5 10 15

Thr Asp Phe Gly Phe Ala Lys Glu Thr His Gln Pro Gln Leu Phe Asp
20 25 30

His Ser Leu Leu Tyr Thr Val Leu Cys Gly Ser Arg Ser Ala Gly Ser
35 40 45

Arg Glu Val
50

<210> 1881
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R193L"

<400> 1881
Pro Ile Cys Lys Ile Cys Phe Gln Gly Ala Glu Gln Gly Glu Leu Leu
1 5 10 15

Asn Pro Cys Arg Cys Asp Gly Ser Val Leu Leu Tyr Thr His Gln Leu
20 25 30

Cys Leu Leu Lys Trp Ile Ser Glu Arg Gly Ser Trp Thr Cys Glu Leu
35 40 45

Cys Cys Tyr Arg
50

<210> 1882
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R170C"

<400> 1882
Gly Leu Pro Thr Ile Pro Val Met Leu Ile Leu Gly Lys Met Ile Arg

1 5 10 15

Trp Glu Asp Tyr Val Leu Arg Leu Trp Cys Cys Lys Tyr Ser Asn Lys
20 25 30

Leu Gln Ile Leu Asn Ser Ile Phe Pro Gly Ile Gly Cys Pro Val Pro
35 40 45

Arg Ile Pro Ala
50

<210> 1883
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K152fs"

<400> 1883
Ala Ser Ser Thr Ser Ser Pro Lys Ala Glu Asp Gly Ala Thr Pro Ser
1 5 10 15

Pro Ser Asn Glu Thr Pro Lys Lys Lys Arg Ser Ala Phe Pro Ser Arg
20 25 30

Ser Leu Ser Ser
35

<210> 1884
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R481Q"

<400> 1884
Leu Pro Lys Gln Val Ala Asp His Tyr Asp Asn Phe Arg Ile Tyr Lys
1 5 10 15

Ala Leu Glu Ala Val Ser Ser Cys Val Gln Gln Gln Thr Asn Gly Phe

20 25 30

Val Gln Arg His Ala Pro Trp Lys Leu Asn Trp Glu Ser Pro Val Asp
35 40 45

Ala Pro Trp Leu
50

<210> 1885
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R324G"

<400> 1885
Ile Ser Leu Phe Leu Ile Ile Asn Ser Ser Ala Asn Pro Ile Ile Tyr
1 5 10 15

Phe Phe Val Gly Ser Leu Arg Lys Lys Gly Gly Leu Lys Glu Ser Leu
20 25 30

Arg Val Ile Leu Gln Arg Ala Leu Ala Asp Lys Pro Glu Val Gly Arg
35 40 45

Asn Lys Lys Ala
50

<210> 1886
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E166G"

<400> 1886
Tyr Ala Thr Asp Glu Thr Glu Glu Cys Met Pro Leu Thr Ile Val Leu
1 5 10 15

Ala His Lys Leu Asn Ala Lys Leu Ala Gly Gly Leu Arg Arg Asn Gly

20 25 30

Thr Leu Pro Trp Leu Arg Pro Asp Ser Lys Thr Gln Val Thr Val Gln
35 40 45

Tyr Met Gln Asp
50

<210> 1887
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R36W"

<400> 1887
Ser Asp Glu Glu Gln Pro Arg Phe Gln Ser Ala Ala Asp Lys Arg Ala
1 5 10 15

His His Asn Ala Leu Glu Arg Lys Arg Trp Trp Asp His Ile Lys Asp
20 25 30

Ser Phe His Ser Leu Arg Asp Ser Val Pro Ser Leu Gln Gly Glu Lys
35 40 45

Ala Ser Arg Ala
50

<210> 1888
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H28R"

<400> 1888
Asp Asn Asp Asp Ile Glu Val Glu Ser Asp Glu Glu Gln Pro Arg Phe
1 5 10 15

Gln Ser Ala Ala Asp Lys Arg Ala His Arg Arg Asn Ala Leu Glu Arg

20 25 30

Lys Arg Arg Asp His Ile Lys Asp Ser Phe His Ser Leu Arg Asp Ser
35 40 45

Val Pro Ser Leu
50

<210> 1889
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q311E"

<400> 1889
Glu Trp Arg Leu Ser Phe Ala Arg Ser Glu Val Gln Leu Lys Lys Cys
1 5 10 15

Ile Ser Ser Ser Leu Met Gln Ala Tyr Glu Glu Ala Cys Lys Ala Ile
20 25 30

Ile Ile Lys Leu Leu Ser Arg Pro Lys Ala Ile Ser Pro Tyr His Leu
35 40 45

Arg Ser Met Met
50

<210> 1890
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P732fs"

<400> 1890
Ser Val Thr Thr Ala Thr Thr Asp Pro Gly Ala Ser Ser Leu Gly Lys
1 5 10 15

Ala Pro Ser Asn Ser Gly Arg Pro Pro Asn Ser Leu Ala Leu Cys Trp

20 25 30

Val Pro Ala Cys Trp Val Thr Cys Leu His
35 40

<210> 1891
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G780fs"

<400> 1891
Leu Pro Ser Leu Leu Gln Pro Pro Gly Pro Leu Leu Ser Gly Gln Leu
1 5 10 15

Gly Leu Gln Leu Leu Pro Gly Gly Gly Ser Ser Ser Thr Pro Leu Arg
20 25 30

Gly Phe

<210> 1892
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R43Q"

<400> 1892
Ala Val Gln Leu Pro Ile Asp Gln Val Asn Phe Val Val Cys Gln Leu
1 5 10 15

Phe Ala Leu Leu Ala Ala Ile Trp Phe Gln Gln Thr Tyr Leu His Ser
20 25 30

Ser Lys Thr Ser Ser Phe Ile Arg His Val Val Ala Thr Leu Leu Gly
35 40 45

Leu Tyr Leu Ala

50

<210> 1893
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R424W"

<400> 1893
His Trp Phe Leu Lys Met Arg Ala Tyr Asp Tyr Met Cys Met Gly Phe
1 5 10 15

Val Leu Leu Ser Leu Ala Asp Thr Leu Trp Trp Tyr Trp Ala Ser Ile
20 25 30

Tyr Phe Cys Ile His Phe Leu Ala Leu Ala Ala Leu Gly Leu Gly Leu
35 40 45

Ala Leu Gly Gly
50

<210> 1894
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A109T"

<400> 1894
Leu Val Ser Met Ser Ser Ala Trp Glu Thr Ile Thr Ile Tyr Leu Leu
1 5 10 15

Asn Asn Lys His Leu Val Ile Ala Asp Thr Thr Phe Val Arg His Ile
20 25 30

Asp Asn Val Phe Asp Ser Met Ile Cys Ile Ser Val Val Ala Ser Met
35 40 45

Cys Ser Leu Leu

50

<210> 1895
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R926Q"

<400> 1895
Lys Thr Met Lys Leu Met Thr Leu Ser Ile Arg Gln Leu Gly Arg Gly
1 5 10 15

Ser His Arg Lys Phe Glu Ile Ala Ser Gln Gln Asn Gly Leu Glu Lys
20 25 30

Tyr Ile Leu Gln Ala Ala Ser Lys Glu Ile Arg Asp Cys Trp Phe Ser
35 40 45

Glu Ile Ser Lys
50

<210> 1896
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S306F"

<400> 1896
Gln Phe Phe Leu Ala Phe Ala Leu Pro Phe Val Val Ile Thr Ala Ala
1 5 10 15

Tyr Val Arg Ile Leu Gln Arg Met Thr Phe Phe Ser Val Ala Pro Ala
20 25 30

Ser Gln Arg Ser Ile Arg Leu Arg Thr Lys Arg Val Thr Arg Thr Ala
35 40 45

Ile Ala Ile Cys

50

<210> 1897
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V141I"

<400> 1897
Val Tyr Thr Gln Ser Asp Val Tyr Asp Gln Leu Ile Phe Ala Val Asn
1 5 10 15

Gln Tyr Leu Gln Leu Tyr Asn Val Ser Ile Ile Gly Asn His Ala Tyr
20 25 30

Glu Asn Lys Gly Thr Lys Gln Ser Ala Met Ala Ile Cys Gln His Phe
35 40 45

Tyr Lys Arg Gly
50

<210> 1898
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R915Q"

<400> 1898
Ser Glu Leu Leu Gln Ser Val Pro Ser Met Phe Asn Phe Arg Ala Pro
1 5 10 15

Pro Asn Ala Leu Pro Glu Asn Leu Leu Gln Gln Lys Gly Lys Glu Arg
20 25 30

Tyr Thr Cys Arg Tyr Cys Gly Lys Ile Phe Pro Arg Ser Ala Asn Leu
35 40 45

Thr Arg His Leu

50

<210> 1899
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R969C"

<400> 1899
Thr Gly Glu Gln Pro Tyr Arg Cys Lys Tyr Cys Asp Arg Ser Phe Ser
1 5 10 15

Ile Ser Ser Asn Leu Gln Arg His Val Cys Cys Asn Ile His Asn Lys
20 25 30

Glu Lys Pro Phe Lys Cys His Leu Cys Asp Arg Cys Phe Gly Gln Gln
35 40 45

Thr Asn Leu Asp
50

<210> 1900
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L36R"

<400> 1900
His Arg Pro Leu Lys Arg Pro Arg Leu Gly Pro Pro Asp Val Tyr Pro
1 5 10 15

Gln Asp Pro Lys Gln Lys Glu Asp Glu Arg Arg Thr Ala Leu Asn Val
20 25 30

Lys Gln Gly Phe Asn Asn Gln Pro Ala Val Ser Gly Asp Glu His Gly
35 40 45

Ser Ala Lys Asn

50

<210> 1901
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G44S"

<400> 1901
Leu Gly Pro Pro Asp Val Tyr Pro Gln Asp Pro Lys Gln Lys Glu Asp
1 5 10 15

Glu Leu Thr Ala Leu Asn Val Lys Gln Ser Ser Phe Asn Asn Gln Pro
20 25 30

Ala Val Ser Gly Asp Glu His Gly Ser Ala Lys Asn Val Ser Phe Asn
35 40 45

Pro Ala Lys Ile
50

<210> 1902
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L1224F"

<400> 1902
Ile Arg Ser Ser Cys Asp Arg His Leu Leu Ala Ala Ser Gln Asn Arg
1 5 10 15

Ile Val Asp Gly Ala Val Phe Ala Val Phe Phe Lys Ala Val Phe Val
20 25 30

Leu Gly Asp Ala Glu Leu Lys Gly Ser Gly Phe Thr Val Thr Gly Gly
35 40 45

Thr Glu Glu Leu

50

<210> 1903
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C1292Y"

<400> 1903
Leu Cys Thr Asp Lys Glu Leu Ile Leu Asp Pro Val Leu Ser Asn Met
1 5 10 15

Gln Ala Gln Lys Leu Leu Gln Leu Ile Tyr Tyr Tyr Pro His Gly Ile
20 25 30

Lys Glu Cys Thr Glu Gly Asp Asn Leu Gln Arg Gln His Ile Lys Arg
35 40 45

Ile Leu Gln Asn
50

<210> 1904
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P2071S"

<400> 1904
Gln Asp Pro Met Arg Pro Arg Gln Pro Gln Val Arg Gln Gln Gln Arg
1 5 10 15

Leu Leu Gln Met Gln Gln Pro Gln Gln Ser Ser Gln Pro Gln Gln Pro
20 25 30

Pro Gln Pro Gln Gln Ser Ser Gln Ser Gln Ser Gln Thr Leu Gly Leu
35 40 45

Gln Ala Met Gln

50

<210> 1905
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q2115del"

<400> 1905
Leu Gly Leu Gln Ala Met Gln Pro Gln Gln Pro Leu Phe Pro Arg Gln
1 5 10 15

Gly Leu Gln Gln Thr Gln Gln Gln Gln Thr Ala Ala Leu Val Arg Gln
20 25 30

Leu Gln Lys Gln Leu Ser Ser Asn Gln Pro Gln Gln Gly Val Thr Pro
35 40 45

Tyr Gly His Pro Ser
50

<210> 1906
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S35I"

<400> 1906
Trp Arg Ser Thr Ala Phe Arg Gln Lys Leu Val Ser Gln Ile Glu Asp
1 5 10 15

Ala Met Arg Lys Ala Gly Val Ala His Ile Ile Lys Ser Ser Lys Asp
20 25 30

Met Glu Ser His Val Phe Leu Lys Ala Lys Thr Arg Asp Glu Tyr Leu
35 40 45

Ser Leu Val Ala

50

<210> 1907
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H449Q"

<400> 1907
Thr Ala Gly Pro Ala Val His Leu Lys Ala Met Gln Leu Ser Trp Thr
1 5 10 15

Ser Leu Ala Leu Val Gly Ile Asp Ser Gln Gln Gly Lys Leu Ser Val
20 25 30

Leu Arg Leu Ser Pro Ser Met Gly His Pro Leu Glu Val Gly Leu Ala
35 40 45

Leu Arg His Leu
50

<210> 1908
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P99S"

<400> 1908
Glu Pro His Glu Ser Arg Thr Asn Ser Asp Ile Val Glu Ala Leu Asn
1 5 10 15

Lys Lys Glu His Arg Gly Cys Asp Ser Ser Ser Asp Pro Asp Thr Ser
20 25 30

Tyr Val Leu Thr Pro His Thr Glu Glu Lys Tyr Lys Lys Ile Asn Glu
35 40 45

Glu Phe Asp Asn

50

<210> 1909
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R127Q"

<400> 1909
Asp Thr Ser Tyr Val Leu Thr Pro His Thr Glu Glu Lys Tyr Lys Lys
1 5 10 15

Ile Asn Glu Glu Phe Asp Asn Met Met Gln Gln Asn His Lys Ile Ala
20 25 30

Pro Gly Leu Pro Pro Gln Asn Phe Ser Met Ser Val Thr Val Pro Val
35 40 45

Thr Ser Pro Asn
50

<210> 1910
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R377H"

<400> 1910
Cys Pro Arg Cys Gln Asp Ser His Glu Arg Lys Ser Pro Gly Ser Leu
1 5 10 15

Ser Pro Gln Pro Leu Pro Gln Cys Lys His His His Leu Lys Gln Val
20 25 30

Gln Leu Leu Phe Cys Glu Asp His Asp Glu Pro Ile Cys Leu Ile Cys
35 40 45

Ser Leu Ser Gln

50

<210> 1911
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S1053L"

<400> 1911
Asn Pro Tyr Ala Thr Ile Lys Asp Pro Pro Val Leu Ile Pro Lys Ser
1 5 10 15

Ser Glu Cys Gly Tyr Val Glu Met Lys Leu Leu Pro Ala Arg Arg Asp
20 25 30

Ser Pro Tyr Ala Glu Ile Asn Asn Ser Thr Ser Ala Asn Arg Asn Val
35 40 45

Tyr Glu Val Glu
50

<210> 1912
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y393C"

<400> 1912
Arg Thr Cys Ile Asp Val Asp Asp Cys Ala Asp Ser Pro Cys Cys Gln
1 5 10 15

Gln Val Cys Thr Asn Asn Pro Gly Gly Cys Cys Glu Cys Gly Cys Tyr
20 25 30

Ala Gly Tyr Arg Leu Ser Ala Asp Gly Cys Gly Cys Glu Asp Val Asp
35 40 45

Glu Cys Ala Ser

50

<210> 1913
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A582fs"

<400> 1913
Asp Thr Phe Gly Lys Asn Cys Ser Phe Ser Cys Ser Cys Gln Asn Gly
1 5 10 15

Gly Thr Cys Asp Ser Val Thr Gly Ala Leu Pro Leu Pro Pro Gly Cys
20 25 30

Gln Trp Asn
35

<210> 1914
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H1094Y"

<400> 1914
Val Val Ile Gly Pro Ser Ser Leu Ile Val His Phe Asn Glu Val Ile
1 5 10 15

Gly Arg Gly His Phe Gly Cys Val Tyr Tyr Tyr Gly Thr Leu Leu Asp
20 25 30

Asn Asp Gly Lys Lys Ile His Cys Ala Val Lys Ser Leu Asn Arg Ile
35 40 45

Thr Asp Ile Gly
50

<210> 1915

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M1250T"

<400> 1915
Leu Ala Arg Asp Met Tyr Asp Lys Glu Tyr Tyr Ser Val His Asn Lys
1 5 10 15

Thr Gly Ala Lys Leu Pro Val Lys Trp Thr Thr Ala Leu Glu Ser Leu
20 25 30

Gln Thr Gln Lys Phe Thr Thr Lys Ser Asp Val Trp Ser Phe Gly Val
35 40 45

Leu Leu Trp Glu
50

<210> 1916
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q53E"

<400> 1916
Val Trp Pro Asn Arg Ile His Thr Thr Ala Glu Lys Tyr Arg Glu Tyr
1 5 10 15

Glu Ala Arg Glu Gln Thr Asp Gln Thr Glu Glu Ala Gln Glu Leu His
20 25 30

Arg Ser Gln Asp Arg Asp Phe Glu Thr Met Ala Lys Leu His Ile Pro
35 40 45

Val Met Val Asp
50

<210> 1917

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R200Q"

<400> 1917
Glu Ile Ile Tyr Asp Phe Cys Met Cys Asn Pro Pro Phe Phe Ala Asn
1 5 10 15

Gln Leu Glu Ala Lys Gly Val Asn Ser Gln Gln Asn Pro Arg Arg Pro
20 25 30

Pro Pro Ser Ser Val Asn Thr Gly Gly Ile Thr Glu Ile Met Ala Glu
35 40 45

Gly Gly Glu Leu
50

<210> 1918
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R174Q"

<400> 1918
Glu Glu Thr Phe Thr Asp Leu Leu Gln Thr Leu Glu His Leu Cys Ser
1 5 10 15

Asn His Ser Val Ile Leu Leu Ala Cys Gln Gln Ile Arg Tyr Glu Arg
20 25 30

Asp Asn Asn Phe Leu Ala Met Leu Glu Arg Gln Phe Thr Val Arg Lys
35 40 45

Val His Tyr Asp
50

<210> 1919

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F56L"

<400> 1919
Asp Phe Lys Gln Gln Lys Leu Glu Gln Glu Ala Gln Lys Asn Trp Asp
1 5 10 15

Leu Phe Tyr Lys Arg Asn Ser Thr Asn Leu Leu Phe Lys Asp Arg His
20 25 30

Trp Thr Thr Arg Glu Phe Glu Glu Leu Arg Ser Cys Arg Glu Phe Glu
35 40 45

Asp Gln Lys Leu
50

<210> 1920
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y57F"

<400> 1920
Leu Tyr Val Asn Met Thr Ser Gly Pro Gly Gly Pro Ala Ala Ala Ala
1 5 10 15

Gly Gly Arg Lys Glu Asn His Gln Trp Phe Phe Val Cys Asn Arg Glu
20 25 30

Lys Leu Cys Glu Ser Leu Gln Ala Val Phe Val Gln Ser Tyr Leu Asp
35 40 45

Gln Gly Thr Gln
50

<210> 1921

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R534S"

<400> 1921
Ile Trp Thr Pro Phe Glu Pro Val Asn Pro Leu Ser Gly Phe Gly Ser
1 5 10 15

Asp Pro Ser Gly Asn Met Lys Thr Gln Ser Ser Arg Gly Ser Gln Pro
20 25 30

Ser Thr Pro Arg Leu Ser Pro Thr Phe Pro Glu Ser Ile Glu His Pro
35 40 45

Leu Ala Arg Arg
50

<210> 1922
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.179_182AAAA>A"

<400> 1922
Ile Pro Gly Gly Ser Leu Gly Ser Val Leu Leu Pro Ala Ala Arg Phe
1 5 10 15

Asp Ala Arg Glu Ala Ala Ala Ala Ala Ala Gly Val Leu Tyr Gly Gly
20 25 30

Asp Asp Ala Gln Gly Met Met Ala Ala Met Leu Ser His Ala Tyr Gly
35 40 45

Pro Gly Gly Cys Gly Ala Ala Ala Ala Ala Leu Asn
50 55 60

<210> 1923

<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S7F"

<400> 1923
Met Ser Lys Gly Thr Ser Phe Phe Asp Thr Ser Leu Gly Arg Val Ser
1 5 10 15

Arg Ala Ala Phe Pro Ser Pro Thr Ala Ala Glu Met Ala Glu Ile Ser
20 25 30

Arg Ile

<210> 1924
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R162C"

<400> 1924
Thr Thr Pro Gln Asn Glu Glu Ile Arg Ala Val Gly Arg Leu Lys Arg
1 5 10 15

Glu Arg Ser Met Ser Glu Asn Ala Val Cys Cys Gln Asn Gly Gln Leu
20 25 30

Val Arg Asn Asp Ser Leu Trp His Arg Ser Asp Ser Ala Pro Arg Asn
35 40 45

Lys Ile Ser Arg
50

<210> 1925
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D170N"

<400> 1925
Gly Ala Ser Arg Leu Ala Ser His Glu Tyr Leu Lys Ala Phe Lys Val
1 5 10 15

Ala Tyr Ser Leu Asn Gly His Glu Phe Asn Asn Phe Ile His Asp Val
20 25 30

Asn Lys Lys His Lys Glu Phe Val Gly Asn Trp Asn Lys Asn Ala Val
35 40 45

His Val Asn Leu
50

<210> 1926
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R280Q"

<400> 1926
Phe Glu Ala Trp Tyr Ile His Glu His Val Glu Arg His Asp Phe Pro
1 5 10 15

Ala Glu Trp Ile Pro Ala Thr Phe Ala Gln Gln Ala Ala Phe Trp Asn
20 25 30

His Val Leu Ala Val Val Ala Gly Val Ala Ala Glu Ala Val Ala Ser
35 40 45

Trp Ile Gly Leu
50

<210> 1927
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R2435Q"

<400> 1927
Trp Ser Asp Lys Leu Gln Lys Glu Ala Glu Ala Phe Ala Tyr Tyr Arg
1 5 10 15

Arg Thr His Thr Ala Asn Glu Arg Arg Gln Gln Arg Gly Glu Met Arg
20 25 30

Asp Leu Phe Glu Lys Leu Lys Ile Thr Leu Gly Leu Leu His Ser Ser
35 40 45

Lys Val Ser Lys
50

<210> 1928
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T444P"

<400> 1928
Ser Thr Ser Leu Lys Thr Tyr Gln His Phe Thr Leu Glu Lys Ala Tyr
1 5 10 15

Leu Arg Glu Asp Phe Phe Trp Ala Phe Pro Pro Pro Ala Ala Gly Asp
20 25 30

Phe Ile Arg Phe Arg Phe Phe Gln Pro Leu Arg Leu Glu Arg Phe Phe
35 40 45

Phe Arg Ser Gly
50

<210> 1929
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T345M"

<400> 1929
Leu Ala Gln Lys Asn Val Ile Arg Phe Lys Pro Ser Leu Phe Gln His
1 5 10 15

Met Gly Tyr Tyr Ser Ser Tyr Lys Gly Met Met Glu Asn Lys Leu Lys
20 25 30

Asp Asp Asp Phe Glu Glu Glu Ser Phe Asp Ile Pro Asp Asn Pro Pro
35 40 45

Ala Ser Leu Tyr
50

<210> 1930
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K102fs"

<400> 1930
Phe Ala Thr Cys Leu Gly Leu Val Tyr Ile Tyr Gly Arg His Leu Tyr
1 5 10 15

Phe Trp Gly Tyr Ser Glu Ala Ala Lys Asn Gly Ser Pro Val Ser Asp
20 25 30

<210> 1931
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.G143fs"

<400> 1931
Ser Ile Ala Leu Leu Gly Leu Val Gly Thr Thr Val Cys Ser Ala Phe
1   5   10   15

Gln His Leu Gly Trp Val Lys Ser Gly Phe Gly Gln Trp Thr Gln Met
            20   25   30

Leu Pro Leu Lys Asn Tyr Arg Gly Leu Lys Thr Leu Ile His Phe Lys
        35   40   45

<210> 1932
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G318fs"

<400> 1932
His Pro Val Pro Ser Gly Lys Val Leu Val Leu Gln Ser His Trp Gln
1   5   10   15

Thr Phe His Val Ser Ala Val Ala Ala Leu Leu Phe Leu Leu Leu Leu
            20   25   30

Phe Ser Met Ser Val Val Val Arg Arg Lys His Gln Leu Gln Arg Val
        35   40   45

Gln Ser Ser
    50

<210> 1933
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L131F"

<400> 1933
Glu Ser Glu Gly Gly Asp Val Ala Pro Asn Leu Pro Asp Met Thr Leu

1 5 10 15

Asp Lys Glu Gln Ile Ala Lys Asp Leu Phe Phe Ser Gly Glu Glu Glu
20 25 30

Glu Glu Thr Gln Ser Ser Ala Asp Asp Leu Thr Pro Ser Val Thr Ser
35 40 45

His Glu Ala Ser
50

<210> 1934
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1081S"

<400> 1934
Arg Glu Pro Ala Gly Asp Gly Lys Ser Ile Arg Thr Phe Lys Glu Ser
1 5 10 15

Pro Lys Gln Ile Leu Asp Pro Ala Ala Ser Ser Val Thr Gly Met Lys
20 25 30

Lys Trp Pro Arg Thr Pro Lys Glu Glu Ala Gln Ser Leu Glu Asp Leu
35 40 45

Ala Gly Phe Lys
50

<210> 1935
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T1664fs"

<400> 1935
Val Gly Val Lys Glu Glu Leu Leu Ala Val Gly Lys Leu Thr Gln Thr

1 5 10 15

Ser Gly Glu Thr Thr His Thr His Thr Lys Ser Gln Gln Glu Met Val
20 25 30

Arg Ala

<210> 1936
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T1664fs"

<400> 1936
Val Gly Val Lys Glu Glu Leu Leu Ala Val Gly Lys Leu Thr Gln Thr
1 5 10 15

Ser Gly Glu Thr Thr His Thr His Thr Gln Ser Gln Gln Glu Met Val
20 25 30

Arg Ala

<210> 1937
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H2213D"

<400> 1937
Ala Gln Pro Leu Glu Asp Leu Ala Gly Leu Lys Glu Leu Phe Gln Thr
1 5 10 15

Pro Ile Cys Thr Asp Lys Pro Thr Thr Asp Asp Glu Lys Thr Thr Lys
20 25 30

Ile Ala Cys Arg Ser Pro Gln Pro Asp Pro Val Gly Thr Pro Thr Ile

35 40 45

Phe Lys Pro Gln
50

<210> 1938
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P307fs"

<400> 1938
His His Asn Tyr Gln Ala Ile Leu Pro Ala Pro Pro Lys Ser Ala Gly
1 5 10 15

Glu Ala Leu Gly Ser Ser Gly Thr Pro Gln Tyr Ala Ala Ser Pro Leu
20 25 30

Pro Ile Ala Ala Pro Ala Arg Ala Pro Leu Gly Pro Val Gly Trp His
35 40 45

Val Arg Thr Ala Pro His
50

<210> 1939
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F485L"

<400> 1939
Cys Met Leu Phe His Ser Lys Asn Arg Cys Leu Tyr Val Phe Gly Gly
1 5 10 15

Gln Arg Ser Lys Thr Tyr Leu Asn Asp Leu Leu Phe Ser Tyr Asp Val
20 25 30

Asp Ser Asp His Val Asp Ile Ile Ser Asp Gly Thr Lys Lys Asp Ser

35 40 45

Gly Met Val Pro
50

<210> 1940
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P448H"

<400> 1940
Pro Glu Gly Trp Gly Asp Glu Pro Pro Gly Pro Gly Gly Gly Ser Phe
1 5 10 15

Ser Ala Tyr Trp His Gln Leu Val Glu His His Val Arg Met Gly Glu
20 25 30

Gly Asn Met Leu Tyr Lys Ser Ile Lys Lys Glu Leu Val Val Leu Arg
35 40 45

Leu Ala Ser Leu
50

<210> 1941
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G270V"

<400> 1941
Tyr Tyr Ala Ser Arg Gly Val Cys Phe Arg Gly Glu Ser Cys Met Tyr
1 5 10 15

Leu His Gly Asp Ile Cys Asp Met Cys Val Val Leu Gln Thr Leu His
20 25 30

Pro Met Asp Ala Ala Gln Arg Glu Glu His Met Arg Ala Cys Ile Glu

35 40 45

Ala His Glu Lys
50

<210> 1942
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.P647fs"

<400> 1942
Ala Ser Arg Leu Ser Pro Pro Pro Glu Asp Ser Pro Met Ser Pro Pro
1 5 10 15

Pro Glu Glu Ser Pro Met Ser Pro Pro Thr
20 25

<210> 1943
<211> 307
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P647fs"

<400> 1943
Glu Ala Ser Arg Leu Ser Pro Pro Pro Glu Asp Ser Pro Met Ser Pro
1 5 10 15

Pro Pro Glu Glu Ser Pro Met Ser Pro His Leu Arg Tyr Arg Ala Tyr
20 25 30

Pro Pro Cys Leu Trp Cys His Ala Cys Leu His Arg Leu Arg Asn Leu
35 40 45

Pro Cys Pro His Arg Leu Arg Ser Leu Pro Arg Pro Leu His Leu Arg
50 55 60

Leu His Ala Ser Pro His His Leu Arg Thr Pro Pro His Pro His His

65 70 75 80

Leu Arg Thr His Leu Leu Pro His His Arg Arg Thr Arg Ser Cys Pro
85 90 95

Cys Arg Trp Arg Ser His Pro Cys Cys His Tyr Leu Arg Ser Arg Asn
100 105 110

Ser Ala Pro Gly Pro Arg Gly Arg Thr Cys His Pro Gly Leu Arg Ser
115 120 125

Arg Thr Cys Pro Pro Gly Leu Arg Ser His Thr Tyr Leu Arg Arg Leu
130 135 140

Arg Ser His Thr Cys Pro Pro Ser Leu Arg Ser His Ala Tyr Ala Leu
145 150 155 160

Cys Leu Arg Ser His Thr Cys Pro Pro Arg Leu Arg Asp His Ile Cys
165 170 175

Pro Leu Ser Leu Arg Asn Cys Thr Cys Pro Pro Arg Leu Arg Ser Arg
180 185 190

Thr Cys Leu Leu Cys Leu Arg Ser His Ala Cys Pro Pro Asn Leu Arg
195 200 205

Asn His Thr Cys Pro Pro Ser Leu Arg Ser His Ala Cys Pro Pro Gly
210 215 220

Leu Arg Asn Arg Ile Cys Pro Leu Ser Leu Arg Ser His Pro Cys Pro
225 230 235 240

Leu Gly Leu Lys Ser Pro Leu Arg Ser Gln Ala Asn Ala Leu His Leu
245 250 255

Arg Ser Cys Pro Cys Ser Leu Pro Leu Gly Asn His Pro Tyr Leu Pro
260 265 270

Cys Leu Glu Ser Gln Pro Cys Leu Ser Leu Gly Asn His Leu Cys Pro
275 280 285

Leu Cys Pro Arg Ser Cys Arg Cys Pro His Leu Gly Ser His Pro Cys
290 295 300

Arg Leu Ser
305

<210> 1944

<211> 298
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L656fs"

<400> 1944
Glu Asp Ser Pro Met Ser Pro Pro Pro Glu Glu Ser Pro Met Ser Pro
1 5 10 15

Pro Pro Glu Val Ser Arg Leu Ser Pro Cys Leu Trp Cys His Ala Cys
20 25 30

Leu His Arg Leu Arg Asn Leu Pro Cys Pro His Arg Leu Arg Ser Leu
35 40 45

Pro Arg Pro Leu His Leu Arg Leu His Ala Ser Pro His His Leu Arg
50 55 60

Thr Pro Pro His Pro His His Leu Arg Thr His Leu Leu Pro His His
65 70 75 80

Arg Arg Thr Arg Ser Cys Pro Cys Arg Trp Arg Ser His Pro Cys Cys
85 90 95

His Tyr Leu Arg Ser Arg Asn Ser Ala Pro Gly Pro Arg Gly Arg Thr
100 105 110

Cys His Pro Gly Leu Arg Ser Arg Thr Cys Pro Pro Gly Leu Arg Ser
115 120 125

His Thr Tyr Leu Arg Arg Leu Arg Ser His Thr Cys Pro Pro Ser Leu
130 135 140

Arg Ser His Ala Tyr Ala Leu Cys Leu Arg Ser His Thr Cys Pro Pro
145 150 155 160

Arg Leu Arg Asp His Ile Cys Pro Leu Ser Leu Arg Asn Cys Thr Cys
165 170 175

Pro Pro Arg Leu Arg Ser Arg Thr Cys Leu Leu Cys Leu Arg Ser His
180 185 190

Ala Cys Pro Pro Asn Leu Arg Asn His Thr Cys Pro Pro Ser Leu Arg

```
        195                 200                 205

Ser His Ala Cys Pro Pro Gly Leu Arg Asn Arg Ile Cys Pro Leu Ser
    210                 215                 220

Leu Arg Ser His Pro Cys Pro Leu Gly Leu Lys Ser Pro Leu Arg Ser
225                 230                 235                 240

Gln Ala Asn Ala Leu His Leu Arg Ser Cys Pro Cys Ser Leu Pro Leu
                245                 250                 255

Gly Asn His Pro Tyr Leu Pro Cys Leu Glu Ser Gln Pro Cys Leu Ser
            260                 265                 270

Leu Gly Asn His Leu Cys Pro Leu Cys Pro Arg Ser Cys Arg Cys Pro
        275                 280                 285

His Leu Gly Ser His Pro Cys Arg Leu Ser
    290                 295


<210> 1945
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.P2354fs"

<400> 1945
Ala Pro Leu Thr Pro Arg Ala Ser Gln Val Glu Pro Gln Ser Pro Gly
1               5                   10                  15

Leu Gly Leu Arg Pro Gln Glu Pro Pro Leu Pro Arg Leu Trp His Leu
            20                  25                  30

Leu Leu Gln Val Thr Gln Thr Ser Phe Ala Leu Ala Pro Thr Leu Thr
        35                  40                  45

His Met Leu Ser Pro His
    50


<210> 1946
<211> 52
<212> PRT
<213> Artificial Sequence
```

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q356K"

<400> 1946
Ile Asp Gln Ala Pro Glu Arg Ser Lys Glu Asp Ala Asn Cys Ala Val
1 5 10 15

Cys Asp Ser Pro Gly Asp Leu Leu Asp Lys Lys Phe Phe Cys Thr Thr
20 25 30

Cys Gly Gln His Tyr His Gly Met Cys Leu Asp Ile Ala Val Thr Pro
35 40 45

Leu Lys Arg Ala
50

<210> 1947
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N393K"

<400> 1947
Gly Met Cys Leu Asp Ile Ala Val Thr Pro Leu Lys Arg Ala Gly Trp
1 5 10 15

Gln Cys Pro Glu Cys Lys Val Cys Gln Lys Lys Cys Lys Gln Ser Gly
20 25 30

Glu Asp Ser Lys Met Leu Val Cys Asp Thr Cys Asp Lys Gly Tyr His
35 40 45

Thr Phe Cys Leu
50

<210> 1948
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F4496fs"

<400> 1948
Thr Ser Gly Cys His Arg Phe Arg Cys Thr Asn Ile Tyr His Phe Thr
1 5 10 15

Cys Ala Ile Lys Ala Gln Cys Met Phe Leu Arg Thr Lys Leu Cys Phe
20 25 30

Ala Pro Cys Thr Asn Gln Arg Glu Phe Met Ser Lys Asn
35 40 45

<210> 1949
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y66C"

<400> 1949
Tyr Pro His Gln Leu Tyr Thr Ser Ser Ser His His Ser His Ser Tyr
1 5 10 15

Ile Gly Leu Pro Tyr Ala Asp His Asn Cys Cys Gly Ala Arg Pro Pro
20 25 30

Pro Thr Pro Pro Ala Ser Pro Pro Pro Ser Val Leu Ile Ser Lys Asn
35 40 45

Glu Val Gly Ile
50

<210> 1950
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S790R"

<400> 1950
Asn Trp Lys Phe Trp Val Phe Ser Ile Leu Ile Arg Pro Leu Phe Glu
1   5   10   15

Ser Phe Asn Gly Met Val Ser Thr Ala Arg Arg Val His Thr Leu Arg
            20   25   30

Gln Thr Ser Leu Ala Trp Leu Asp Gln Tyr Cys Ser Leu Pro Ala Leu
        35   40   45

Arg Pro Thr Val
    50

<210> 1951
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R326C"

<400> 1951
Arg Ile Gln Ala Glu Tyr Val Ser Ala Leu Lys Leu Leu Arg Lys Arg
1   5   10   15

Ser Gln Val Trp Lys Pro Lys Val Ile Cys Cys Ile Ser Ala Arg Ser
            20   25   30

Gly Glu Gly Ile Ser Glu Met Trp Asp Lys Met Lys Asp Phe Gln Asp
        35   40   45

Leu Met Leu Ala
    50

<210> 1952
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I64fs"

<400> 1952
Glu Asn Tyr Tyr Asp Leu Lys Lys Asp Val Lys Gln Phe Val Arg Arg
1   5   10   15

Lys Asp Ser Gly Pro Val Val Lys Lys Ser Glu Lys Cys Arg Ser Ser
            20   25   30

Leu Asp Trp Arg
        35

<210> 1953
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F917L"

<400> 1953
Gln Ala Leu Gln Leu Gln Val Leu Asn Ser Arg Phe Lys Ala Leu Glu
1   5   10   15

Ala Lys Ser Ile His Leu Ser Ile Asn Leu Leu Phe Ser Leu Asn Lys
            20   25   30

Thr Leu His Glu Val Leu Thr Met Cys His Asn Ala Ser Thr Ser Val
        35   40   45

Ser Glu Leu Asn
    50

<210> 1954
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.A1013S"

<400> 1954
Arg Ser Leu Pro Gly Ser Leu Ala Asn Val Val Lys Ser Gln Lys Gln
1   5   10   15

Val Lys Ser Leu Pro Lys Lys Ile Asn Ser Ser Leu Lys Lys Pro Thr
            20   25   30

Val Asn Leu Thr Thr Val Leu Ile Gly Arg Thr Gln Arg Asn Thr Asp
        35   40   45

Asn Ile Ile Tyr
    50

<210> 1955
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D1005N"

<400> 1955
Ala Leu Thr Arg Leu Pro Thr Pro Val Leu Leu Pro Tyr Lys Pro Gln
1   5   10   15

Val Ile Arg Ala Leu Ala Lys Pro Leu Asn Asn Asp Lys Lys Arg Leu
            20   25   30

Val Arg Lys Glu Ala Val Ser Ala Arg Gly Glu Trp Phe Leu Leu Gly
        35   40   45

Ser Pro Gly Ser
    50

<210> 1956
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S472L"

<400> 1956
Ala Pro Pro Tyr Met Asn Val Ala Lys Arg Pro Arg Phe Asp Phe Pro
1   5   10   15

Gly Ser Ala Gly Val Asp Arg Cys Ala Leu Leu Trp Asn Gly Ser Met
            20   25   30

His Asn Gly Ala Leu Asp Asn His Leu Ser Pro Ser Ala Tyr Pro Gly
        35   40   45

Leu Pro Gly Glu
    50

<210> 1957
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S849P"

<400> 1957
Asn Gln His Val Phe Gln Lys Leu Ser Glu Ser Arg Glu Thr Lys Val
1   5   10   15

Asn Phe Gly Met Tyr Leu Met His Ala Pro Pro Leu Asp Leu Ser Ser
            20   25   30

Pro Cys Phe Leu Ser Val Gly Ser Gln Val Leu Pro Val Leu Lys Glu
        35   40   45

Asn Val Glu Gly
    50

<210> 1958
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source

<223> /note="p.P22fs"

<400> 1958
Met Ser Ser Leu Glu Ile Ser Ser Ser Cys Phe Ser Leu Glu Thr Lys
1   5   10   15

Leu Pro Leu Ser Pro His
            20

<210> 1959
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q66fs"

<400> 1959
Thr Arg Phe Trp Leu Leu Thr Val Leu Tyr Ala Ala Trp Trp Tyr Leu
1   5   10   15

Asp Arg Asp Lys Pro Arg Gln Gly Gly Pro Ala His Pro Gly His Gln
            20   25   30

Val Leu Asp Tyr Met Glu Val His Glu Gly Leu Phe Pro His Leu Ala
        35   40   45

Gly Gln Asp Cys
    50

<210> 1960
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D113Y"

<400> 1960
Lys Arg Leu Ser Thr Leu Lys Phe Ile Gly Gln Tyr Gly Asn Gly Leu
1   5   10   15

Lys Ser Gly Ser Met Arg Ile Gly Lys Tyr Tyr Phe Ile Leu Phe Thr

20 25 30

Lys Lys Glu Glu Thr Met Thr Cys Val Phe Phe Ser Gln Thr Phe Cys
35 40 45

Glu Glu Glu Ser
50

<210> 1961
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R740H"

<400> 1961
Ser Asp Ser Ala Gly Glu Glu Asp Ser Ala Asp Leu Lys Arg Ala Gln
1 5 10 15

Lys Asp Lys Gly Leu His Val Glu Val His His Val Asn Arg Glu Trp
20 25 30

Tyr Thr Gly Arg Val Thr Ala Val Glu Val Gly Lys His Val Val Arg
35 40 45

Trp Lys Val Lys
50

<210> 1962
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L804I"

<400> 1962
Val Arg Ile Gly Val Ala Lys Pro Leu Pro Leu Ser Pro Glu Glu Gly
1 5 10 15

Tyr Val Ser Ala Lys Glu Asp Ser Phe Ile Ile Tyr Pro Pro His Ser

20 25 30

Cys Glu Glu Ala Gly Leu Ala Asp Lys Pro Leu Phe Arg Ala Asp Leu
35 40 45

Ala Leu Val Gly
50

<210> 1963
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K1582fs"

<400> 1963
Lys Leu Thr Ile His Ala Glu Asn Pro Asp Ser Gln Ala Val Pro Ser
1 5 10 15

Ala Ala Gly Ala Ala Ser Gly Glu Lys Arg Thr Ala Pro Ser Leu
20 25 30

<210> 1964
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A351fs"

<400> 1964
Ser Ser Asp Thr Arg Gln Gly Arg Ser Glu Lys Arg Ala Phe Pro Arg
1 5 10 15

Lys Arg Asp Phe Thr Asn Glu Ala Pro Gln Leu Leu Ser Gln Thr Pro
20 25 30

Arg Leu Pro Pro Cys Leu His Thr Glu Glu Pro Ser His Trp Thr Gly
35 40 45

Gly Pro Arg Ser Pro Pro

50

<210> 1965
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S46L"

<400> 1965
Asp Ser Arg Thr His Ser Leu Arg Tyr Phe Arg Leu Gly Val Ser Asp
1 5 10 15

Pro Ile His Gly Val Pro Glu Phe Ile Leu Leu Val Gly Tyr Val Asp
20 25 30

Ser His Pro Ile Thr Thr Tyr Asp Ser Val Thr Arg Gln Lys Glu Pro
35 40 45

Arg Ala Pro Trp
50

<210> 1966
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L234I"

<400> 1966
Leu Arg Leu Glu Arg Glu Lys Arg Ala Arg Ile Lys Ala Arg Lys Glu
1 5 10 15

Asn Leu Glu Arg Lys Lys Ala Lys Ile Ile Ile Leu Lys Lys Phe Pro
20 25 30

His Leu Ala Glu Ala Gln Lys Ser Ser Leu Val
35 40

<210> 1967

<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E119del"

<400> 1967
Ser Asn Lys Glu Ile Met Glu His Ile Arg Lys Ile Leu Gly Lys Asn
1 5 10 15

Glu Glu Thr Leu Arg Glu Glu Glu Glu Lys Lys Gln Leu Ser His Pro
20 25 30

Ala Asn Phe Gly Pro Arg Lys Tyr Cys Leu Arg Glu Cys Ile Cys Glu
35 40 45

Val Glu Gly Gln Val
50

<210> 1968
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V99M"

<400> 1968
Ala Leu Met Ser Leu Ser Met Gly Ile Thr Met Met Cys Met Ala Ser
1 5 10 15

Asn Thr Tyr Gly Ser Asn Pro Ile Ser Met Met Tyr Ile Gly Tyr Thr
20 25 30

Ile Trp Gly Ser Val Met Phe Ile Ile Ser Gly Ser Leu Ser Ile Ala
35 40 45

Ala Gly Ile Arg
50

<210> 1969

<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.S3L"

<400> 1969
Met Asn Leu Leu Met Thr Ser Ala Val Pro Val Ala Asn Ser Val Leu
1 5 10 15

Val Val Ala Pro His Asn Gly Tyr Pro Val Thr Pro Gly
20 25

<210> 1970
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K464N"

<400> 1970
Lys Asn Cys Asn Thr Pro Leu Leu Arg Ala Tyr Tyr Gly Ser Leu Glu
1 5 10 15

Asp Lys Arg Phe Gly Ile Ile Leu Glu Asn Asn Ile Lys Thr Val Ile
20 25 30

Asn Asp Asp Ala Arg Tyr Met Lys Gly Cys Leu Asn Met Arg Thr Gln
35 40 45

Lys Cys Tyr Ala
50

<210> 1971
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E730K"

<400> 1971
Tyr Val Pro Ala Glu Tyr Ser Ser Phe Arg Ile Ala Lys Gln Ile Phe
1   5   10   15

Thr Arg Ile Ser Thr Asp Asp Asp Ile Lys Lys Thr Asn Ser Ser Thr
            20   25   30

Phe Met Lys Glu Met Lys Glu Ile Ala Tyr Ile Leu His Asn Ala Asn
        35   40   45

Asp Lys Ser Leu
    50

<210> 1972
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D576A"

<400> 1972
Gly His Thr Arg Ala Tyr Gly Val Cys Phe Val Asp Thr Ser Leu Gly
1   5   10   15

Lys Phe Phe Ile Gly Gln Phe Ser Asp Ala Ala Arg His Cys Ser Arg
            20   25   30

Phe Arg Thr Leu Val Ala His Tyr Pro Pro Val Gln Val Leu Phe Glu
        35   40   45

Lys Gly Asn Leu
    50

<210> 1973
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.T1085fs"

<400> 1973
Leu Ala Asn Tyr Ser Arg Gly Gly Asp Gly Pro Met Cys Arg Pro Val
1   5   10   15

Ile Leu Leu Pro Glu Asp Thr Pro Pro Leu Leu Arg Ala
            20   25

<210> 1974
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R1095H"

<400> 1974
Gly Asp Gly Pro Met Cys Arg Pro Val Ile Leu Leu Pro Glu Asp Thr
1   5   10   15

Pro Pro Phe Leu Glu Leu Lys Gly Ser His His His Pro Cys Ile Thr
            20   25   30

Lys Thr Phe Phe Gly Asp Asp Phe Ile Pro Asn Asp Ile Leu Ile Gly
        35   40   45

Cys Glu Glu Glu
    50

<210> 1975
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T68P"

<400> 1975
Met Thr Ser Ala Arg Arg Arg Thr Asp Val Gly Pro Arg Val Ala Phe

1 5 10 15

Thr Tyr Pro Cys Thr Gln Leu Ser Pro Pro Pro Arg Ala His Arg His
20 25 30

Leu Pro Val His Thr Val Thr Tyr Pro Cys Thr Gln Leu Ser Pro Thr
35 40 45

Arg Ala His Ser
50

<210> 1976
<211> 115
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N435fs"

<400> 1976
Ala Glu Thr Pro His Lys Pro Gln Phe Thr Phe Thr Ser Glu Pro His
1 5 10 15

Ala Gln Leu Glu Glu Asn Phe Cys Arg Thr Gln Met Gly Ile Ala Met
20 25 30

Gly Pro Gly Ala Thr Arg Trp Thr Gln Gly Pro His Ser Thr Thr Val
35 40 45

Pro Cys Asp Ala Ala Leu Met Thr Ser Arg His Gln Ser Trp Thr Pro
50 55 60

Gln Thr Arg Cys Ser Leu Arg Ser Val Ala Arg Gly Trp Ile Gly Trp
65 70 75 80

Ile Ser Gly Val Pro Ser Cys Ala Trp Leu Gly Ala Ile Arg Ala Thr
85 90 95

His Pro Gly Gln Ser Ala Cys Gly Ile Gly Arg Ala Ser Ile Ser Ala
100 105 110

Gly Gly Leu
115

<210> 1977

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M464V"

<400> 1977
Phe Asn Gly Leu Leu Gly Pro Val Gln Val Thr Ala Leu Tyr Val Thr
1 5 10 15

Arg Leu Asp Asn Val Thr Val Ala His Val Val Gly Thr Met Asp Gly
20 25 30

Arg Ile Leu Gln Val Glu Leu Val Arg Ser Leu Asn Tyr Leu Leu Tyr
35 40 45

Val Ser Asn Phe
50

<210> 1978
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L105fs"

<400> 1978
Leu Asn Lys Met Asp Leu Ala Asp Leu Thr Glu Gln Gln Lys Ile Met
1 5 10 15

Gln His Leu Glu Gly Glu Gly Leu Lys Met Ser Phe Leu Pro Thr Val
20 25 30

<210> 1979
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H327fs"

<400> 1979
Asp Phe Leu Gln Thr Phe Arg Arg Gly Leu Leu Gly Ser Val Met Leu
1   5   10   15

Asp Leu Asp Val Leu Arg Gly His Pro Arg Leu Arg Leu Cys Pro Glu
            20   25   30

Leu Val Arg Val Gly Arg Ala Gly Gly Met Trp Pro Pro Arg Pro Pro
        35   40   45

Asp Leu Gly Gly
    50

<210> 1980
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N109fs"

<400> 1980
Ser Thr Lys Ser Lys Lys Val Val Glu Val Trp Ile Gly Met Thr Ile
1   5   10   15

Glu Glu Leu Ala Arg Ala Met Glu Lys Thr Gln Ile Met Tyr Met Lys
            20   25   30

Leu Tyr

<210> 1981
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source

<223> /note="p.K193fs"

<400> 1981
Asp Glu Ala Leu Arg Lys Val Ala Thr Phe Arg His Gly Gly Arg Phe
1   5   10   15

Pro Val Leu Ser Tyr Tyr His Lys Lys Met Gly Trp
            20   25

<210> 1982
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L1460P"

<400> 1982
Tyr Ala Met Lys His Phe Gly Glu Leu Glu Ile Gln Ala Thr Trp Tyr
1   5   10   15

Glu Lys Leu His Glu Trp Glu Asp Ala Pro Pro Val Ala Tyr Asp Lys
            20   25   30

Lys Met Asp Thr Asn Lys Asp Asp Pro Glu Leu Met Leu Gly Arg Met
        35   40   45

Arg Cys Leu Glu
    50

<210> 1983
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.C1483F"

<400> 1983
Asp Ala Leu Val Ala Tyr Asp Lys Lys Met Asp Thr Asn Lys Asp Asp
1   5   10   15

Pro Glu Leu Met Leu Gly Arg Met Arg Phe Phe Leu Glu Ala Leu Gly

20 25 30

Glu Trp Gly Gln Leu His Gln Gln Cys Cys Glu Lys Trp Thr Leu Val
35 40 45

Asn Asp Glu Thr
50

<210> 1984
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S2215Y"

<400> 1984
Glu Asp Leu Arg Gln Asp Glu Arg Val Met Gln Leu Phe Gly Leu Val
1 5 10 15

Asn Thr Leu Leu Ala Asn Asp Pro Thr Tyr Tyr Leu Arg Lys Asn Leu
20 25 30

Ser Ile Gln Arg Tyr Ala Val Ile Pro Leu Ser Thr Asn Ser Gly Leu
35 40 45

Ile Gly Trp Val
50

<210> 1985
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1005W"

<400> 1985
Tyr Pro Lys Gln Arg Thr Ala Ala Ala Arg Asn Gly Phe Pro Pro Lys
1 5 10 15

Pro Asp Pro Gln Ala Arg Glu Ala Glu Trp Trp Gln Leu Val Leu Arg

20 25 30

Leu Lys Glu Arg Cys Glu Gln Gln Thr Arg Gln Leu Gly Val Ala Gln
35 40 45

Gly Glu Leu Lys
50

<210> 1986
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P5119S"

<400> 1986
Leu Pro Asn Phe Ser Ser Thr Ser Asp Lys Ile Leu Ala Thr Ser Lys
1 5 10 15

Asp Ser Lys Asp Thr Lys Glu Ile Phe Ser Ser Ser Ile Asn Thr Glu
20 25 30

Glu Thr Asn Val Lys Ala Asn Asn Ser Gly His Glu Ser His Ser Pro
35 40 45

Ala Leu Ala Asp
50

<210> 1987
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A6156T"

<400> 1987
Pro Asp Ile Ser Pro Glu Ala Ser Ser Ser His Ser Asn Ser Pro Pro
1 5 10 15

Leu Thr Ile Ser Thr His Lys Thr Ile Thr Thr Thr Gln Thr Gly Pro

20 25 30

Ser Gly Val Thr Ser Leu Gly Gln Leu Thr Leu Asp Thr Ser Thr Ile
35 40 45

Ala Thr Ser Ala
50

<210> 1988
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R8606H"

<400> 1988
Glu Ser Ile Ser Ser Ser Pro His Pro Val Thr Ala Leu Leu Thr Leu
1 5 10 15

Gly Pro Val Lys Thr Thr Asp Met Leu His His Thr Ser Ser Glu Pro
20 25 30

Glu Thr Ser Ser Pro Pro Asn Leu Ser Ser Thr Ser Ala Glu Ile Leu
35 40 45

Ala Thr Ser Glu
50

<210> 1989
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P10452fs"

<400> 1989
Gly Ile Met Glu His Ile Thr Lys Ile Pro Asn Glu Ala Ala His Arg
1 5 10 15

Gly Thr Ile Arg Pro Val Lys Gly Pro Ser Asp Ile His Phe Ala Cys

```
            20                  25                  30

Gln Ser



<210> 1990
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.T11005I"

<400> 1990
Val Leu Pro Glu Val Pro Gly Met Val Thr Ser Leu Val Ala Ser Ser
1               5                   10                  15


Arg Ala Val Thr Ser Thr Thr Leu Pro Ile Ile Leu Thr Leu Ser Pro
            20                  25                  30


Gly Glu Pro Glu Thr Thr Pro Ser Met Ala Thr Ser His Gly Ala Glu
        35                  40                  45


Ala Ser Ser Thr
    50


<210> 1991
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.P11260A"

<400> 1991
Ile Asp Ser Trp Val Ala His Pro Gly Thr Glu Ala Ser Ser Val Val
1               5                   10                  15


Pro Thr Leu Thr Val Ser Thr Gly Glu Ala Ala Phe Thr Asn Ile Ser
            20                  25                  30


Leu Val Thr His Pro Ala Glu Ser Ser Ser Thr Leu Pro Arg Thr Thr
```

```
        35                  40                  45

Ser Arg Phe Ser
    50


<210> 1992
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.N11594K"

<400> 1992
Tyr Glu Pro Glu Thr Thr Ala Thr Trp Leu Thr His Pro Ala Glu Thr
1               5                   10                  15


Ser Thr Thr Val Ser Gly Thr Ile Pro Lys Lys Phe Ser His Arg Gly
            20                  25                  30


Ser Asp Thr Ala Pro Ser Met Val Thr Ser Pro Gly Val Asp Thr Arg
        35                  40                  45


Ser Gly Val Pro
    50


<210> 1993
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R12774H"

<400> 1993
Ser Gly Cys Arg Leu Thr Leu Leu Arg Ser Glu Lys Asp Gly Ala Ala
1               5                   10                  15


Thr Gly Val Asp Ala Ile Cys Thr His His His Leu Asp Pro Lys Ser
            20                  25                  30


Pro Gly Val Asp Arg Glu Gln Leu Tyr Trp Glu Leu Ser Gln Leu Thr
```

35 40 45

Asn Gly Ile Lys
50

<210> 1994
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R4415H"

<400> 1994
Leu Val Tyr Gly Leu Val Gly Ala Gly Val Val Leu Met Leu Ile Ile
1 5 10 15

Leu Val Ala Leu Leu Met Leu Val Phe His His Ser Lys Arg Glu Val
20 25 30

Lys Arg Gln Lys Tyr Arg Leu Ser Gln Leu Tyr Lys Trp Gln Glu Glu
35 40 45

Asp Ser Gly Pro
50

<210> 1995
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V77M"

<400> 1995
Cys Gln Gln Leu Ser Gln His Val Arg Thr Gly Ser Ala Ala Asn Thr
1 5 10 15

Ala Thr Gly Thr Thr Ser Thr Asn Val Met Met Glu Pro Arg Met Tyr
20 25 30

Leu Ser Cys Ser Thr Asn Pro Glu Met Thr Ser Ile Glu Ser Ser Val

35 40 45

Thr Ser Asp Thr
50

<210> 1996
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1227fs"

<400> 1996
Pro Thr Ala Glu Val Thr Ser Met Pro Thr Ser Thr Pro Gly Glu Arg
1 5 10 15

Ser Thr Pro Leu Thr Ser Met Pro Val Ser Thr His Ala Ser Gly Gln
20 25 30

Phe

<210> 1997
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H1228fs"

<400> 1997
Thr Ala Glu Val Thr Ser Met Pro Thr Ser Thr Pro Gly Glu Arg Ser
1 5 10 15

Thr Pro Leu Thr Ser Met Pro Val Arg Pro Arg Gln Trp Pro Val Leu
20 25 30

Arg Leu Ala Pro Phe Gln His Leu Pro Leu Thr Pro Ala His Leu
35 40 45

<210> 1998

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T2279N"

<400> 1998
Ser Thr Glu Ala Thr Ser Ser Pro Thr Thr Ala Glu Gly Thr Ser Ile
1 5 10 15

Pro Thr Ser Thr Leu Ser Glu Gly Thr Asn Asn Pro Leu Thr Ser Ile
20 25 30

Pro Val Ser His Thr Leu Val Ala Asn Ser Glu Val Ser Thr Leu Ser
35 40 45

Thr Thr Pro Val
50

<210> 1999
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T1568M"

<400> 1999
Thr Thr Thr Val Thr Pro Thr Pro Thr Pro Thr Gly Thr Gln Thr Pro
1 5 10 15

Thr Thr Thr Pro Ile Thr Thr Thr Thr Met Met Val Thr Pro Thr Pro
20 25 30

Thr Pro Thr Gly Thr Gln Thr Pro Thr Ser Thr Pro Ile Thr Thr Thr
35 40 45

Thr Thr Val Thr
50

<210> 2000

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T1580N"

<400> 2000
Thr Gln Thr Pro Thr Thr Thr Pro Ile Thr Thr Thr Thr Thr Val Thr
1 5 10 15

Pro Thr Pro Thr Pro Thr Gly Thr Gln Asn Asn Pro Thr Ser Thr Pro
20 25 30

Ile Thr Thr Thr Thr Thr Val Thr Pro Thr Pro Thr Pro Thr Gly Thr
35 40 45

Gln Thr Pro Thr
50

<210> 2001
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T1582R"

<400> 2001
Thr Pro Thr Thr Thr Pro Ile Thr Thr Thr Thr Thr Val Thr Pro Thr
1 5 10 15

Pro Thr Pro Thr Gly Thr Gln Thr Pro Arg Arg Ser Thr Pro Ile Thr
20 25 30

Thr Thr Thr Thr Val Thr Pro Thr Pro Thr Pro Thr Gly Thr Gln Thr
35 40 45

Pro Thr Thr Thr
50

<210> 2002

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T1597I"

<400> 2002
Thr Pro Thr Pro Thr Gly Thr Gln Thr Pro Thr Ser Thr Pro Ile Thr
1 5 10 15

Thr Thr Thr Thr Val Thr Pro Thr Pro Ile Ile Pro Thr Gly Thr Gln
20 25 30

Thr Pro Thr Thr Thr Pro Ile Thr Thr Thr Thr Thr Val Thr Pro Thr
35 40 45

Pro Thr Pro Thr
50

<210> 2003
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T1704I"

<400> 2003
Thr Thr Thr Thr Thr Val Thr Pro Thr Pro Thr Pro Thr Gly Thr Gln
1 5 10 15

Thr Pro Thr Ser Thr Pro Ile Thr Thr Ile Ile Thr Thr Val Thr Pro
20 25 30

Thr Pro Thr Pro Thr Gly Thr Gln Thr Pro Thr Pro Thr Pro Ile Ser
35 40 45

Thr Thr Thr Thr
50

<210> 2004

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T1706M"

<400> 2004
Thr Thr Thr Val Thr Pro Thr Pro Thr Pro Thr Gly Thr Gln Thr Pro
1 5 10 15

Thr Ser Thr Pro Ile Thr Thr Thr Thr Met Met Val Thr Pro Thr Pro
20 25 30

Thr Pro Thr Gly Thr Gln Thr Pro Thr Pro Thr Pro Ile Ser Thr Thr
35 40 45

Thr Thr Val Thr
50

<210> 2005
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G1715S"

<400> 2005
Pro Thr Gly Thr Gln Thr Pro Thr Ser Thr Pro Ile Thr Thr Thr Thr
1 5 10 15

Thr Val Thr Pro Thr Pro Thr Pro Thr Ser Ser Thr Gln Thr Pro Thr
20 25 30

Pro Thr Pro Ile Ser Thr Thr Thr Thr Val Thr Pro Thr Pro Thr Pro
35 40 45

Thr Gly Thr Gln
50

<210> 2006

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T1722I"

<400> 2006
Thr Ser Thr Pro Ile Thr Thr Thr Thr Thr Val Thr Pro Thr Pro Thr
1 5 10 15

Pro Thr Gly Thr Gln Thr Pro Thr Pro Ile Ile Pro Ile Ser Thr Thr
20 25 30

Thr Thr Val Thr Pro Thr Pro Thr Pro Thr Gly Thr Gln Thr Pro Thr
35 40 45

Thr Thr Pro Ile
50

<210> 2007
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S681G"

<400> 2007
Tyr Met Gly Ile Phe Leu Val Ile Glu Thr His Gly Met Ala Val Ser
1 5 10 15

Trp Asp Arg Lys Thr Ser Val Phe Ile Gly Gly Leu His Gln Asp Tyr
20 25 30

Lys Gly Arg Val Cys Gly Leu Cys Gly Asn Phe Asp Asp Asn Ala Ile
35 40 45

Asn Asp Phe Ala
50

<210> 2008

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D682G"

<400> 2008
Met Gly Ile Phe Leu Val Ile Glu Thr His Gly Met Ala Val Ser Trp
1 5 10 15

Asp Arg Lys Thr Ser Val Phe Ile Arg Gly Arg His Gln Asp Tyr Lys
20 25 30

Gly Arg Val Cys Gly Leu Cys Gly Asn Phe Asp Asp Asn Ala Ile Asn
35 40 45

Asp Phe Ala Thr
50

<210> 2009
<211> 160
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P1569fs"

<400> 2009
Ile Thr Pro Asn Pro Thr Ser Thr Arg Thr Arg Thr Pro Val Ala His
1 5 10 15

Thr Asn Ser Ala Thr Ser Ser Arg Pro Thr Thr Thr Leu His His Thr
20 25 30

Leu Pro Thr Tyr Arg Glu Gln Ser Leu Leu Phe His Arg Ser His Asp
35 40 45

Gly Asn Ile Leu Gln Asp His His Tyr Leu Ser Asn Pro Ile Thr Pro
50 55 60

Ser Asp His Thr Ser His Ser Arg Ser Thr Phe Leu His Leu Phe Gly

65 70 75 80

Asp Ser Lys Tyr Ser His Ser His His Pro Tyr Pro Cys Thr Asp Gly
85 90 95

His Phe Cys Leu His Pro Leu Asn Ala Asn Arg His Asp Ser Ser Thr
100 105 110

Asp Asn Ala Gln Gly His Arg Val His Pro His Ser Ala Asn Asn Asp
115 120 125

Ala Asp His Gln Arg Asp Gln Pro Ser Pro Glu Leu Ile Lys His Ser
130 135 140

Gln Asn Leu Tyr Ile Pro Thr Phe Thr His Phe Leu His Thr Pro Cys
145 150 155 160

<210> 2010
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1977H"

<400> 2010
Ala His Thr Thr Ser Ala Ser Ser Ser Arg Leu Pro Thr Pro Phe Thr
1 5 10 15

Thr His Ser Pro Pro Thr Gly Ser Ser His His Phe Ser Ser Thr Gly
20 25 30

Pro Met Thr Ala Thr Ser Phe Gln Thr Thr Thr Thr Tyr Pro Thr Pro
35 40 45

Ser His Pro Gln
50

<210> 2011
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H2000Q"

<400> 2011
Ser Ser Pro Phe Ser Ser Thr Gly Pro Met Thr Ala Thr Ser Phe Gln
1   5   10   15

Thr Thr Thr Thr Tyr Pro Thr Pro Ser Gln Gln Pro Gln Thr Thr Leu
            20   25   30

Pro Thr His Val Pro Pro Phe Ser Thr Ser Leu Val Thr Pro Ser Thr
        35   40   45

His Thr Val Ile
    50

<210> 2012
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.2129_2130SS>S"

<400> 2012
Ser Pro Ile Thr Thr Gln Leu Pro His Leu Ser Ser Ala Thr Thr Pro
1   5   10   15

Val Ser Thr Thr Asn Gln Leu Ser Ser Ser Phe Ser Pro Ser Pro Ser
            20   25   30

Ala Pro Ser Thr Val Ser Ser Tyr Val Pro Ser Ser His Ser Ser Pro
        35   40   45

Gln Thr Ser Ser Pro Ser
    50

<210> 2013
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S336L"

<400> 2013
Pro Asn Ser Ser Pro Thr Thr Leu Ala Pro Asp Thr Ser Glu Thr Ser
1   5   10   15

Ala Ala Pro Thr His Gln Thr Thr Thr Leu Leu Val Thr Thr Gln Thr
            20   25   30

Thr Thr Thr Lys Gln Pro Thr Ser Ala Pro Gly Gln Asn Lys Ile Ser
        35   40   45

Arg Phe Leu Leu
    50

<210> 2014
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P138fs"

<400> 2014
Tyr Leu Ser Ile Cys Arg Lys Gln Arg Ala Leu Pro Ser Leu Asp Ile
1   5   10   15

Val Val Trp Ser Glu Leu Pro Pro Gly Arg Ala Trp Ala Pro Ala Pro
            20   25   30

Pro Thr Arg Cys Val Trp Gln Gln Pro Ser
        35   40

<210> 2015
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.D324Y"

<400> 2015
Glu Glu Asp Gly Gly Ser Gln Leu Ile Leu Glu Lys Phe Gln Leu Pro
1   5   10   15

Gln Trp Ser Ile Ser Leu Asn Met Thr Tyr Tyr Glu His Gly Asn Met
            20   25   30

Val Asn Leu Val Cys Asp Ile Lys Lys Pro Met Asp Val Tyr Lys Ile
        35   40   45

His Leu Asn Gln
    50

<210> 2016
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R481fs"

<400> 2016
Glu Ser Ser Leu Asp Pro Pro Lys Val Leu Pro Pro Ala Arg His Ser
1   5   10   15

Thr Ile Pro Leu Val Ile Leu Arg Lys Asn Gly Ala Arg Pro Ala Pro
            20   25   30

<210> 2017
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R646H"

<400> 2017
Thr Asn Pro Val Gly Glu Asp Val Ala Ser Ile Phe Leu Gln Val Val
1   5   10   15

Asp Val Pro Asp Pro Pro Glu Ala Val His His Ile Thr Ser Val Gly

20 25 30

Glu Asp Trp Ala Ile Leu Val Trp Glu Pro Pro Met Tyr Asp Gly Gly
35 40 45

Lys Pro Val Thr
50

<210> 2018
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M240T"

<400> 2018
Thr Cys Val Trp Ser Ile Ala Ser Glu Leu Ile Glu Lys Arg Leu Ala
1 5 10 15

Arg Arg Pro Arg Gly Gly Cys Arg Arg Thr Thr Val Val Val Val Ser
20 25 30

Asp Asp Tyr Leu Gln Ser Lys Glu Cys Asp Phe Gln Thr Lys Phe Ala
35 40 45

Leu Ser Leu Ser
50

<210> 2019
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S251N"

<400> 2019
Glu Lys Arg Leu Ala Arg Arg Pro Arg Gly Gly Cys Arg Arg Met Val
1 5 10 15

Val Val Val Ser Asp Asp Tyr Leu Gln Asn Asn Lys Glu Cys Asp Phe

20 25 30

Gln Thr Lys Phe Ala Leu Ser Leu Ser Pro Gly Ala His Gln Lys Arg
35 40 45

Leu Ile Pro Ile
50

<210> 2020
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L273P"

<400> 2020
Tyr Leu Gln Ser Lys Glu Cys Asp Phe Gln Thr Lys Phe Ala Leu Ser
1 5 10 15

Leu Ser Pro Gly Ala His Gln Lys Arg Pro Pro Ile Pro Ile Lys Tyr
20 25 30

Lys Ala Met Lys Lys Glu Phe Pro Ser Ile Leu Arg Phe Ile Thr Val
35 40 45

Cys Asp Tyr Thr
50

<210> 2021
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K323E"

<400> 2021
Leu Phe Asp Arg Pro Met His Val Lys Met Asp Asp Lys Ser Val Pro
1 5 10 15

His Glu Glu Tyr Arg Ser His Asp Gly Glu Glu Thr Pro Gln Leu Pro

20 25 30

Arg Gly Leu Gly Gly Ile Gly Met Gly Leu Gly Pro Gly Gly Gln Pro
35 40 45

Ile Ser Ala Ser
50

<210> 2022
<211> 90
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L269fs"

<400> 2022
Cys Ser Thr Trp Gly Leu Pro Leu Arg Val Ala Gly Ser Trp Leu Thr
1 5 10 15

Val Val Thr Val Glu Ala Leu Gly Gly Gly Ala Trp Glu Leu Gly Gly
20 25 30

Leu Ala Arg Trp Gly Pro Leu Cys Thr His Pro Gln Cys Gln Val Leu
35 40 45

Leu Leu Ser Ser Ser Thr Thr Ser Ser Ser Ser Ser Ser Ser Ser Ser
50 55 60

Ser Leu Val Glu Asp Val Leu Cys Ala Lys Trp Phe Ile Cys Pro Ala
65 70 75 80

Ser Phe Asn Pro Gln Asn Asp Ser Met Arg
85 90

<210> 2023
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.L302H"

<400> 2023
Arg Arg Thr Gly Gln Val Gly Pro Thr Met His Pro Pro Pro Val Ser
1   5   10   15

Gly Ala Ser Pro Leu Leu Leu His His His His Leu Leu Leu Leu Leu
            20   25   30

Ile Ile Ile Leu Thr Cys
        35

<210> 2024
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L1091fs"

<400> 2024
Met Ile Ser Asp Leu Glu Glu Arg Leu Lys Lys Glu Glu Lys Thr Arg
1   5   10   15

Gln Glu Leu Glu Lys Ala Lys Arg Lys Pro Arg Arg Gly Asp Asp Arg
            20   25   30

Pro Ala Gly Pro Asp Arg Arg Ala Ala Gly Ala Asp
        35   40

<210> 2025
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E993K"

<400> 2025
Glu Glu Glu Ala Ala Arg Gln Lys Leu Gln Leu Glu Lys Val Thr Ala
1   5   10   15

Glu Ala Lys Ile Lys Lys Leu Glu Asp Lys Lys Ile Leu Val Met Asp

20 25 30

Asp Gln Asn Asn Lys Leu Ser Lys Glu Arg Lys Leu Leu Glu Glu Arg
35 40 45

Ile Ser Asp Leu
50

<210> 2026
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K1263del"

<400> 2026
Lys Glu Asn Ala Asp Leu Ala Gly Glu Leu Arg Val Leu Gly Gln Ala
1 5 10 15

Lys Gln Glu Val Glu His Lys Lys Lys Leu Glu Ala Gln Val Gln Glu
20 25 30

Leu Gln Ser Lys Cys Ser Asp Gly Glu Arg Ala Arg Ala Glu Leu Asn
35 40 45

Asp Lys Val His Lys
50

<210> 2027
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D311N"

<400> 2027
His Ile Phe Tyr Gln Ile Met Ser Asn Lys Lys Pro Glu Leu Ile Asp
1 5 10 15

Leu Leu Leu Ile Ser Thr Asn Pro Phe Asn Asn Phe Pro Phe Val Ser

20 25 30

Gln Gly Glu Val Thr Val Ala Ser Ile Asp Asp Ser Glu Glu Leu Leu
35 40 45

Ala Thr Asp Asn
50

<210> 2028
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T790M"

<400> 2028
Thr Lys Val Phe Phe Lys Ala Gly Leu Leu Gly Thr Leu Glu Glu Met
1 5 10 15

Arg Asp Glu Lys Leu Ala Gln Leu Ile Met Met Arg Thr Gln Ala Ile
20 25 30

Cys Arg Gly Phe Leu Met Arg Val Glu Phe Arg Lys Met Met Glu Arg
35 40 45

Arg Glu Ser Ile
50

<210> 2029
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T847M"

<400> 2029
Ala Phe Met Gly Val Lys Asn Trp Pro Trp Met Lys Leu Tyr Phe Lys
1 5 10 15

Ile Lys Pro Leu Leu Lys Ser Ala Glu Met Met Glu Lys Glu Met Ala

20 25 30

Thr Met Lys Glu Glu Phe Gly Arg Ile Lys Glu Thr Leu Glu Lys Ser
35 40 45

Glu Ala Arg Arg
50

<210> 2030
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A1487T"

<400> 2030
Glu Ser Gln Ser Glu Leu Glu Ser Ser Gln Lys Glu Ala Arg Ser Leu
1 5 10 15

Ser Thr Glu Leu Phe Lys Leu Lys Asn Thr Thr Tyr Glu Glu Ser Leu
20 25 30

Glu His Leu Glu Thr Phe Lys Arg Glu Asn Lys Asn Leu Gln Glu Glu
35 40 45

Ile Ser Asp Leu
50

<210> 2031
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1689C"

<400> 2031
Asn Asp Asp Leu Lys Glu Asn Ile Ala Ile Val Glu Arg Arg Asn Asn
1 5 10 15

Leu Leu Gln Ala Glu Leu Glu Glu Leu Cys Cys Ala Val Val Glu Gln

20 25 30

Thr Glu Arg Ser Arg Lys Leu Ala Glu Gln Glu Leu Ile Glu Thr Ser
35 40 45

Glu Arg Val Gln
50

<210> 2032
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A785V"

<400> 2032
Lys Phe Gly His Thr Lys Val Phe Phe Lys Ala Gly Leu Leu Gly Leu
1 5 10 15

Leu Glu Glu Met Arg Asp Glu Lys Leu Val Val Gln Ile Ile Thr Arg
20 25 30

Thr Gln Ala Val Cys Arg Gly Phe Leu Met Arg Val Glu Tyr Gln Lys
35 40 45

Met Leu Gln Arg
50

<210> 2033
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H1006N"

<400> 2033
Leu Thr Glu Glu Met Ala Gly Leu Asp Glu Thr Ile Ala Lys Leu Ser
1 5 10 15

Lys Glu Lys Lys Ala Leu Gln Glu Thr Asn Asn Gln Gln Thr Leu Asp

20 25 30

Asp Leu Gln Ala Glu Glu Asp Lys Val Asn Ile Leu Thr Lys Ala Lys
35 40 45

Thr Lys Leu Glu
50

<210> 2034
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1048Q"

<400> 2034
Leu Thr Lys Ala Lys Thr Lys Leu Glu Gln Gln Val Asp Asp Leu Glu
1 5 10 15

Gly Ser Leu Glu Gln Glu Lys Lys Leu Gln Gln Met Asp Leu Glu Arg
20 25 30

Ala Lys Arg Lys Leu Glu Gly Asp Leu Lys Leu Ala Gln Glu Ser Thr
35 40 45

Met Asp Met Glu
50

<210> 2035
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1117C"

<400> 2035
Asn Leu Ile Ser Lys Ile Glu Asp Glu Gln Ala Val Glu Ile Gln Leu
1 5 10 15

Gln Lys Lys Ile Lys Glu Leu Gln Ala Cys Cys Ile Glu Glu Leu Gly

20 25 30

Glu Glu Ile Glu Ala Glu Arg Ala Ser Arg Ala Lys Ala Glu Lys Gln
35 40 45

Arg Ser Asp Leu
50

<210> 2036
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P209fs"

<400> 2036
Pro Arg Pro Gly His Arg Ser Arg Ala Pro Glu Leu Val Thr Lys Lys
1 5 10 15

Phe Pro Val Asp Leu Arg Leu Pro Pro Trp Cys Pro Cys Pro His Leu
20 25 30

Pro Ser Gly Ser Trp Ser Cys Asn Asp Gly Pro Leu Glu Thr Leu Ala
35 40 45

Ser Pro Cys Gly Ala Gln Pro Cys Trp Ile Gly Ala Pro Arg Ala Arg
50 55 60

Pro Val Gly Val Trp Ser Thr Leu Leu Ser Leu Val Gln Ala Pro Arg
65 70 75 80

Thr Trp Pro Trp Gly Trp Cys Gln Glu Ile Asp Trp Trp Arg Leu Met
85 90 95

Gly Thr Met Trp Arg Ala Ser Pro Gly Met Arg Leu Trp Arg
100 105 110

<210> 2037
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T109M"

<400> 2037
Ala Ala Tyr Lys Ala Met Lys Arg Arg Ser Lys Asp Thr Cys Ile Val
1   5   10   15

Ile Ser Gly Glu Ser Gly Ala Gly Lys Met Met Glu Ala Ser Lys Tyr
            20   25   30

Ile Met Gln Tyr Ile Ala Ala Ile Thr Asn Pro Ser Gln Arg Ala Glu
        35   40   45

Val Glu Arg Val
    50

<210> 2038
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E246K"

<400> 2038
Leu Gln Lys Ser Leu Ser Ser Tyr Asn Tyr Ile His Val Gly Ala Gln
1   5   10   15

Leu Lys Ser Ser Ile Asn Asp Ala Ala Lys Lys Phe Arg Val Val Ala
            20   25   30

Asp Ala Met Lys Val Ile Gly Phe Lys Pro Glu Glu Ile Gln Thr Val
        35   40   45

Tyr Lys Ile Leu
    50

<210> 2039
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N525H"

<400> 2039
Ala Val Val Gly Ala Gln Ile Ser Glu Tyr Leu Leu Glu Lys Ser Arg
1   5   10   15

Val Ile His Gln Ala Ile Gly Glu Lys His His Phe His Ile Phe Tyr
            20   25   30

Tyr Ile Tyr Ala Gly Leu Ala Glu Lys Lys Lys Leu Ala His Tyr Lys
        35   40   45

Leu Pro Glu Asn
    50

<210> 2040
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N525S"

<400> 2040
Ala Val Val Gly Ala Gln Ile Ser Glu Tyr Leu Leu Glu Lys Ser Arg
1   5   10   15

Val Ile His Gln Ala Ile Gly Glu Lys Ser Ser Phe His Ile Phe Tyr
            20   25   30

Tyr Ile Tyr Ala Gly Leu Ala Glu Lys Lys Lys Leu Ala His Tyr Lys
        35   40   45

Leu Pro Glu Asn
    50

<210> 2041
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A405V"

<400> 2041
Lys Leu Val Thr Thr Ser Glu Thr Tyr Val Lys Thr Met Ser Leu Gln
1   5   10   15

Gln Val Ile Asn Ala Arg Asn Ala Leu Val Val Lys His Ile Tyr Ala
            20   25   30

Gln Leu Phe Gly Trp Ile Val Glu His Ile Asn Lys Ala Leu His Thr
        35   40   45

Ser Leu Lys Gln
    50

<210> 2042
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R708L"

<400> 2042
Val Leu Glu Thr Ile Arg Ile Ser Ala Ala Gly Tyr Pro Ser Arg Trp
1   5   10   15

Ala Tyr His Asp Phe Phe Asn Arg Tyr Leu Leu Val Leu Val Lys Lys
            20   25   30

Arg Glu Leu Ala Asn Thr Asp Lys Lys Ala Ile Cys Arg Ser Val Leu
        35   40   45

Glu Asn Leu Ile
    50

<210> 2043
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q914fs"

<400> 2043
Glu Gln Ile Gln Lys Glu Tyr Asp Ala Leu Val Lys Ser Ser Glu Glu
1   5   10   15

Leu Leu Ser Ala Leu Gln Lys Lys Lys Thr Ala Gly Arg Gly Ser Arg
            20   25   30

Lys Ala Glu Ala Tyr Ser Arg Arg Asn Gly Lys Gly Lys Lys Lys Thr
        35   40   45

<210> 2044
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D1180N"

<400> 2044
Ile Pro Ala Arg Gln Arg Glu Ile Glu Met Asn Arg Gln Gln Arg Phe
1   5   10   15

Phe Arg Ile Pro Phe Ile Arg Pro Ala Asn Asn Gln Tyr Lys Asp Pro
            20   25   30

Gln Ser Lys Lys Lys Gly Trp Trp Tyr Ala His Phe Asp Gly Pro Trp
        35   40   45

Ile Ala Arg Gln
    50

<210> 2045
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P2040H"

<400> 2045
Lys Gln Thr Ser Glu Pro Ser Tyr Pro Asp Val Ile Leu Ile Ala Ile
1   5   10   15

Asn Arg His Gly Val Leu Leu Ile His His His Lys Thr Lys Asp Leu
            20   25   30

Leu Thr Thr Tyr Pro Phe Thr Lys Ile Ser Ser Trp Ser Ser Gly Ser
        35   40   45

Thr Tyr Phe His
    50

<210> 2046
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R167Q"

<400> 2046
Gln Pro Gln Gln Lys Asp Phe Asp Asp Leu Cys Ser Leu Pro Asp Leu
1   5   10   15

Asn Glu Lys Thr Leu Leu Glu Asn Leu Gln Gln Asn Arg Phe Lys His
            20   25   30

Glu Lys Ile Tyr Thr Tyr Val Gly Ser Ile Leu Ile Val Ile Asn Pro
        35   40   45

Phe Lys Phe Leu
    50

<210> 2047
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R2179Q"

<400> 2047
Phe Leu Arg Ala Met Gly Leu Gln Glu Arg Lys Glu Thr Ile Arg Gly
1   5   10   15

Val Tyr Ser Val Ile Asp Gln Leu Ser Gln Gln Thr His Leu Asn Thr
            20   25   30

Leu Glu Arg Leu Ile Phe His Leu Val Arg Ile Ala Leu Gln Glu Asp
        35   40   45

Thr Asn Arg Met
    50

<210> 2048
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R94L"

<400> 2048
Lys Glu Ser Gly Gly Glu Glu Trp Val Leu Asp Ala Asn Asp Ser Pro
1   5   10   15

Val His Arg Val Leu Leu Trp Pro Arg Leu Leu Ala Gln Asp Glu His
            20   25   30

Pro Gln Glu Asp Gly Tyr Tyr Phe Leu Leu Gln Glu Arg Asn Ala Asp
        35   40   45

Gly Thr Ile Lys
    50

<210> 2049
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.T493M"

<400> 2049
Ala Gly Ser Leu Pro Asp Thr Phe Asn Asp Ala Ser Pro Ser Phe Gly
1   5   10   15

Leu His Pro Ser Pro Val His Val Cys Met Met Glu Glu Ser Leu Met
            20   25   30

Ser Ser Leu Asn Gly Gly Ser Val Pro Ser Glu Leu Asp Gly Leu Asp
        35   40   45

Ser Glu Lys Asp
    50

<210> 2050
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.G226fs"

<400> 2050
Glu Asn Asp Arg Asn Asp Ser Ala Ser Gln Pro Ser His Gln Ser Asp
1   5   10   15

Ala Gly Lys Gln Gly Leu Gly Pro Pro Ala Pro Pro
            20   25

<210> 2051
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q310del"

<400> 2051
Ala Tyr Ala Arg Leu Leu Gln Gln Gln Leu Phe Leu Gln Leu Gln
1   5   10   15

Ile Leu Ser Gln Gln Gln Gln Gln His Arg Phe Ser Tyr Leu Gly

20 25 30

Met His Gln Ala Gln Leu Lys Glu Pro Asn Glu Gln Met Val Arg Asn
35 40 45

Pro Asn Ser Ser Ser
50

<210> 2052
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G165fs"

<400> 2052
Pro Gly Met Gly Gly Asp Gly Glu Glu Asp Glu Gly Asp Glu Asp Arg
1 5 10 15

Leu Asp Asn Ala Val Arg Gly Pro Gly Ala Gln Gly Ala Ser Trp Asp
20 25 30

Gly Val Gly Ser Ser Ala Cys Ser Glu Ala His Gln Ser Lys Glu Gln
35 40 45

Pro Ala Asp Ala Val Lys
50

<210> 2053
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R63Q"

<400> 2053
Val Tyr Thr Gln Gly Ser Thr Ala Tyr Ser Ser Arg Ser Ser Ala Ala
1 5 10 15

His Arg Arg Glu Ser Glu Ala Phe Arg Gln Gln Ala Ser Ala Ser Ser

20 25 30

Ser Gln Gln Gln Ala Ser Gln His Ala Leu Ser Ser Glu Val Ser Arg
35 40 45

Lys Ala Ala Ser
50

<210> 2054
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D988N"

<400> 2054
Asp His Ser Lys Leu Tyr Leu Lys Asn Pro Asp Lys Glu Asp Leu Gly
1 5 10 15

Thr Tyr Ser Val Ser Val Ser Asp Thr Asn Asn Gly Val Ser Ser Ser
20 25 30

Phe Val Leu Asp Pro Glu Glu Leu Glu Arg Leu Met Ala Leu Ser Asn
35 40 45

Glu Ile Lys Asn
50

<210> 2055
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E251K"

<400> 2055
Leu Ser Gly Arg Arg Ser Phe Asn Arg Thr Pro Lys Gly Trp Ile Ser
1 5 10 15

Glu Asn Ile Pro Ile Val Ile Thr Thr Lys Lys Pro Thr Asp Asp Thr

20 25 30

Thr Val Pro Glu Ser Glu Asp Leu
35 40

<210> 2056
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E226K"

<400> 2056
Ala Ala Glu Gly Ala Ala Ser Glu Glu Gly Glu Lys Gly Leu Phe Ile
1 5 10 15

Gln Pro Glu Asp Ala Glu Glu Val Val Lys Lys Val Thr Thr Glu Arg
20 25 30

Ser Gln Asp Leu Cys Pro Gln Ser Leu Glu Asp Ala Ala Ser Glu Glu
35 40 45

Ser Ser Lys Gln
50

<210> 2057
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P351Q"

<400> 2057
Ser Leu Glu Cys Leu Arg Asn Gln Cys Phe Asp Leu Ala Arg Lys Leu
1 5 10 15

Ser Glu Thr Asn Pro Gln Glu Arg Asn Gln Gln Gln Gln Asn Met Asn
20 25 30

Ile Arg Gln His Val Arg Pro Glu Glu Asp Phe Pro Gly Arg Thr Pro

35 40 45

Asp Arg Asn Tyr
50

<210> 2058
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R506C"

<400> 2058
Ser Thr Lys Asn Lys Lys Arg Arg Lys Lys Arg Ile Phe Asn Leu Val
1 5 10 15

Pro Asn Phe Asp Leu Leu Gly Gln Ser Cys Cys Ile Gly Val Lys Glu
20 25 30

Arg Glu Lys Cys Asp Leu Leu Thr Lys Asn His Gly Leu Lys Ile Thr
35 40 45

Leu Gly Glu Glu
50

<210> 2059
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T184K"

<400> 2059
Arg Arg Gln Met Asp Leu Lys Lys Gly Gly Tyr Val Val Leu Gly Ser
1 5 10 15

Arg Glu Asn Gln Glu Thr Gln Gly Ser Lys Lys Leu Ser Asp Ser Glu
20 25 30

Glu Ala Cys Gln Gln Lys Asn Pro Ala Thr Glu Glu Ser Gly Ser Asp

35 40 45

Ser Lys Glu Pro
50

<210> 2060
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.H514fs"

<400> 2060
Cys Ile Ser Ala Tyr Gln Arg Leu Gly Arg Tyr Gly Asp Ala Leu Lys
1 5 10 15

Lys Cys His Glu Val Glu Arg His Phe Leu Arg
20 25

<210> 2061
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S807Y"

<400> 2061
Asp Ile Tyr Glu Leu Asp Thr Ser Gly Leu Glu Asp Thr Met Glu Ile
1 5 10 15

Gln Glu Arg Ile Glu Asn Ser Phe Lys Tyr Tyr Leu Leu Asp Gln Leu
20 25 30

Lys Asp Val Phe Ser Lys Cys Lys Gly Asp Leu Leu Glu Val Lys Asp
35 40 45

Gly Asn Leu Lys
50

<210> 2062

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L72F"

<400> 2062
Glu Glu Phe Leu Glu Ile Met Ala Leu Val Gly Met Ala Ser Lys Pro
1 5 10 15

Leu His Val Arg Arg Leu Gln Lys Ala Phe Phe Arg Asp Trp Val Thr
20 25 30

Asn Pro Gly Leu Phe Asn Gln Pro Leu Thr Ser Leu Pro Val Ser Ser
35 40 45

Ile Pro Ile Tyr
50

<210> 2063
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S183L"

<400> 2063
Lys Thr Gln Asp Thr Gly His Arg Arg Gly Gly Gly Gly Gly Ala Gly
1 5 10 15

Phe Arg Gly Ala Gly Lys Ser Glu Pro Leu Leu Pro Ser Cys Ser Pro
20 25 30

Ser Met Ser Thr
35

<210> 2064
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P353R"

<400> 2064
Met Ile Gln Lys Tyr Asp Glu Pro Ile Leu Lys Phe Leu Ser Asp Val
1 5 10 15

Ser Leu Lys Phe Ser Lys Pro Gly Gln Arg Arg Val Ser Tyr Thr Phe
20 25 30

Glu Phe His Phe Leu Pro Asn Pro Tyr Phe Arg Asn Glu Val Leu Val
35 40 45

Lys Thr Tyr Ile
50

<210> 2065
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P285Q"

<400> 2065
Val Thr Val Lys Thr Ile Lys Lys Lys Gln Lys His Lys Gly Arg Gly
1 5 10 15

Thr Val Arg Thr Ile Thr Lys Gln Val Gln Gln Asn Glu Ser Phe Phe
20 25 30

Asn Phe Phe Asn Pro Leu Lys Ala Ser Gly Asp Gly Glu Ser Leu Asp
35 40 45

Glu Asp Ser Glu Phe
50

<210> 2066
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R121Q"

<400> 2066
Asp Thr Gly Ser Ser Asn Leu Trp Val Pro Ser Arg Arg Cys His Phe
1 5 10 15

Phe Ser Val Pro Cys Trp Leu His His Gln Gln Phe Asp Pro Lys Ala
20 25 30

Ser Ser Ser Phe Gln Ala Asn Gly Thr Lys Phe Ala Ile Gln Tyr Gly
35 40 45

Thr Gly Arg Val
50

<210> 2067
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P240R"

<400> 2067
Ala Phe Leu Thr Val Ser Gly Gln Leu His Leu Glu Val Met Ser Gly
1 5 10 15

Ala Phe Thr Gln Val Phe Thr Phe Gly Arg Arg Thr Phe Arg Ala Glu
20 25 30

Asn Ser Gln Ser Arg Arg His Leu Ala Glu Phe Tyr Met Ile Glu Ala
35 40 45

Glu Ile Ser Phe
50

<210> 2068
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I393T"

<400> 2068
Ile Gln Tyr Ile His Pro Ala Asp Ala Val Lys Leu Gly Gln Ala Glu
1 5 10 15

Leu Val Val Ile Asp Glu Ala Ala Ala Thr Thr Pro Leu Pro Leu Val
20 25 30

Lys Ser Leu Leu Gly Pro Tyr Leu Val Phe Met Ala Ser Thr Ile Asn
35 40 45

Gly Tyr Glu Gly
50

<210> 2069
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E810K"

<400> 2069
Ser Ser Ser His Val Glu Trp Glu Asp Ala Val His Ile Ile Pro Glu
1 5 10 15

Asn Glu Ser Asp Asp Glu Glu Glu Glu Lys Lys Lys Gly Pro Val Ser
20 25 30

Pro Arg Asn Leu Gln Glu Ser Glu Glu Glu Glu Val Pro Gln Glu Ser
35 40 45

Trp Asp Glu Gly
50

<210> 2070
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R25C"

<400> 2070
Met Val Val Ser Ala Gly Pro Trp Ser Ser Glu Lys Ala Glu Met Asn
1 5 10 15

Ile Leu Glu Ile Asn Glu Lys Leu Cys Cys Pro Gln Leu Ala Glu Asn
20 25 30

Lys Gln Gln Phe Gly Asn Leu Lys Glu Arg Cys Phe Val Thr Gln Leu
35 40 45

Ala Gly Phe
50

<210> 2071
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D449fs"

<400> 2071
Arg Glu Leu Leu Asp Glu Lys Glu Pro Glu Val Leu Gln Asp Ser Leu
1 5 10 15

Asp Arg Cys Tyr Ser Thr Pro Ser Asp Ile Leu Asn Cys Leu Thr
20 25 30

<210> 2072
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.D491V"

<400> 2072
Gln Glu Glu Glu Glu Asp Gln Gly Pro Pro Cys Pro Arg Leu Ser Arg
1   5   10   15

Glu Leu Pro Glu Val Val Glu Pro Glu Val Val Leu Gln Asp Ser Leu
            20   25   30

Asp Arg Trp Tyr Ser Thr Pro Phe Ser Tyr Pro Glu Leu Pro Asp Ser
        35   40   45

Cys Gln Pro Tyr
    50

<210> 2073
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G698C"

<400> 2073
Gly Tyr Ser Glu Pro Thr Val Tyr Glu Phe Ser Met Pro Pro Lys Pro
1   5   10   15

Asn Ile Ile Lys Asp Thr Leu Phe Asn Cys Cys Leu Gly Leu Gly Ala
            20   25   30

Val Ile Gly Leu Gly Val Ala Ala Leu Leu Leu Ile Leu Val Val Thr
        35   40   45

Asp Val Ser Cys
    50

<210> 2074
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R220L"

<400> 2074
Val Ser Leu Val Thr Gly Cys Cys Tyr Arg Leu Leu Glu Asn Pro Thr
1   5   10   15

Ile Asn His Gln Lys Asn Arg Pro Thr Leu Leu Glu Ala Ile Thr His
            20   25   30

Leu Leu Gly Val Ala Leu Thr Arg Tyr Asn His Met Leu Ser Ala Thr
        35   40   45

Val Lys Ile Ile
    50

<210> 2075
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q909fs"

<400> 2075
Ala Ser Ser Ala Asp Ala Asp His Ser Pro Ser Ser Gln Gly Ser Ser
1   5   10   15

Glu Ala Pro Ala Ser Gln Pro Pro Pro Arg Ser Glu Val Leu Ser Cys
            20   25   30

Pro Leu

<210> 2076
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T466fs"

<400> 2076
His Trp Arg Phe Arg Pro Arg Arg Lys Gln Asp Ala Pro Ser Gln Ser

1 5 10 15

Glu Asn Lys Lys Lys Ser Thr Lys Lys Ile Leu Lys Leu Thr Leu Lys
20 25 30

Met Ile Leu Thr Leu Met Tyr Ile Leu Glu Lys Gln Arg Leu Leu Leu
35 40 45

Phe

<210> 2077
<211> 55
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q1253fs"

<400> 2077
Arg Ser Arg Glu Leu Leu Ser His His Phe Arg Gln Gln Arg Val Ala
1 5 10 15

Met Met Met Gln Gln Gln Gln Gln Gln Thr Ala Ala Ala Ala Ala Ala
20 25 30

Ala Ala Ala Thr Ala Thr Ala Thr Ala Thr Ala Ala Thr Ala Ala Asn
35 40 45

Pro Gly Leu Gln Pro Thr Ser
50 55

<210> 2078
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R562Q"

<400> 2078
Ala Asp Trp Val Leu Pro Gly Lys Lys Met Gly Asn Leu Ser Gln Leu

1 5 10 15

Ser Ser Gly Glu Asp Lys Trp Leu Leu Gln Gln Lys Lys Ala Gln Glu
20 25 30

Val Leu Leu Asn Ser Pro Leu Gln Glu Glu His Asn Phe Pro Pro Asp
35 40 45

His Tyr Gly Leu
50

<210> 2079
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E369D"

<400> 2079
Asp Ser Arg Pro Ile Val Pro Leu Glu Lys Ser Thr Gly His Thr Pro
1 5 10 15

Thr Lys Pro Ser Gly Ser Ser Val Ser Asp Asp Lys Leu Lys Lys Leu
20 25 30

Asp Ser Ser Arg Glu Thr Ser His Gly Ser Pro Thr Val Thr Lys Leu
35 40 45

Ser Lys Glu Pro
50

<210> 2080
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1561Q"

<400> 2080
Pro Gly Val Asp Pro Val Val Ser His Ser Pro Phe Asp Pro His His

1 5 10 15

Arg Gly Ser Thr Ala Gly Glu Val Tyr Gln Gln Ser His Leu Pro Thr
20 25 30

His Leu Asp Pro Ala Met Pro Phe His Arg Ala Leu Asp Pro Ala Ala
35 40 45

Ala Ala Tyr Leu
50

<210> 2081
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R258W"

<400> 2081
Thr Tyr Leu Leu Thr Thr Glu Thr Gly Leu Gln Lys Asp His Ala Leu
1 5 10 15

Trp Asp His Thr Ala Gln Asn Leu Leu Trp Trp Met Gly Leu Ala Phe
20 25 30

Leu Val Leu Val Ala Leu Val Trp Phe Leu Val Glu Asp Trp Leu Ser
35 40 45

Arg Lys Arg Thr
50

<210> 2082
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V427I"

<400> 2082
Leu Asn Lys Lys Phe Ala Leu Glu His Gly Ile Pro Thr Asp Met Gly

1 5 10 15

Tyr Ala Val Ala Pro His His Ser Gly Ile Ile Tyr Pro Val His Val
20 25 30

Gln Leu Tyr Glu Ala Trp Lys Lys Val Trp Asn Ile Lys Ile Thr Ser
35 40 45

Thr Glu Glu Tyr
50

<210> 2083
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P194del"

<400> 2083
Asp Met Glu His Gly Trp Glu Val Val Asp Ser Asn Asp Ser Ala Ser
1 5 10 15

Gln His Gln Glu Glu Leu Pro Pro Pro Leu Pro Pro Gly Trp Glu Glu
20 25 30

Lys Val Asp Asn Leu Gly Arg Thr Tyr Tyr Val Asn His Asn Asn Arg
35 40 45

Thr Thr Gln Trp His
50

<210> 2084
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A798T"

<400> 2084
Arg Asn Lys Val Met Asn Ser Ser Asn Gln Leu Cys Glu Gln Leu Lys

1 5 10 15

Thr Ile Val Met Ala Thr Lys Met Ala Thr Thr Leu His Tyr Pro Ser
20 25 30

Thr Thr Ala Leu Gln Glu Met Val His Gln Val Thr Asp Leu Ser Arg
35 40 45

Asn Ala Gln Leu
50

<210> 2085
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A316T"

<400> 2085
Ala Arg Arg His Gln Ser Leu Ser Pro Asn His Pro Pro Pro Gln Leu
1 5 10 15

Gly Gln Ser Val Gly Ser Gln Asn Asp Thr Thr Tyr Asp Val Pro Arg
20 25 30

Gly Val Gln Phe Leu Glu Pro Pro Ala Glu Thr Ser Glu Lys Ala Asn
35 40 45

Pro Gln Glu Arg
50

<210> 2086
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E645K"

<400> 2086
Ser Pro Val Lys Glu Glu Ala Lys Ser Pro Ala Glu Val Lys Ser Pro

1 5 10 15

Glu Lys Ala Lys Ser Pro Thr Lys Glu Lys Lys Ala Lys Ser Pro Glu
20 25 30

Lys Ala Lys Ser Pro Glu Lys Glu Glu Ala Lys Ser Pro Glu Lys Ala
35 40 45

Lys Ser Pro Val
50

<210> 2087
<211> 58
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.665_666insEE"

<400> 2087
Pro Thr Lys Glu Glu Ala Lys Ser Pro Glu Lys Ala Lys Ser Pro Glu
1 5 10 15

Lys Glu Glu Ala Lys Ser Pro Glu Lys Glu Glu Glu Glu Ala Lys Ser
20 25 30

Pro Val Lys Ala Glu Ala Lys Ser Pro Glu Lys Ala Lys Ser Pro Val
35 40 45

Lys Ala Glu Ala Lys Ser Pro Glu Lys Ala
50 55

<210> 2088
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V670E"

<400> 2088
Glu Ala Lys Ser Pro Glu Lys Ala Lys Ser Pro Glu Lys Glu Glu Ala

1 5 10 15

Lys Ser Pro Glu Lys Ala Lys Ser Pro Glu Glu Lys Ala Glu Ala Lys
20 25 30

Ser Pro Glu Lys Ala Lys Ser Pro Val Lys Ala Glu Ala Lys Ser Pro
35 40 45

Glu Lys Ala Lys
50

<210> 2089
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A213V"

<400> 2089
Arg Phe Glu Glu Glu Ala Arg Leu Arg Asp Asp Thr Glu Ala Ala Ile
1 5 10 15

Arg Ala Leu Arg Lys Asp Ile Glu Glu Val Val Ser Leu Val Lys Val
20 25 30

Glu Leu Asp Lys Lys Val Gln Ser Leu Gln Asp Glu Val Ala Phe Leu
35 40 45

Arg Ser Asn His
50

<210> 2090
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R608C"

<400> 2090
Glu Val Tyr Leu Ala Arg Leu Arg Gln Ile Arg Leu Gln Asn Phe Asn

1 5 10 15

Glu Arg Gln Gln Ile Lys Ala Lys Leu Cys Cys Gly Glu Lys Lys Glu
20 25 30

Ala Asn His Ser Glu Gly Gln Glu Gly Ser Glu Glu Ala Asp Met Arg
35 40 45

Arg Lys Lys Ile
50

<210> 2091
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R374Q"

<400> 2091
Lys Leu Gln Ala Ala Asp Glu Lys Ala Arg Lys Leu Lys Lys Ile Val
1 5 10 15

Glu Glu Lys Tyr Glu Glu Asn Ser Lys Gln Gln Met Gln Glu Leu Arg
20 25 30

Ser Arg Asn Phe Gln Gln Leu Ser Val Asp Val Leu His Glu Lys Thr
35 40 45

His Leu Lys Gly
50

<210> 2092
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R239S"

<400> 2092
Pro Pro Phe Thr Ala Phe Ser Gln Lys Glu Leu Ala Gly Lys Ile Arg

1 5 10 15

Glu Gly Lys Phe Arg Arg Ile Pro Tyr Ser Ser Tyr Ser Asp Glu Leu
20 25 30

Asn Glu Ile Ile Thr Arg Met Leu Asn Leu Lys Asp Tyr His Arg Pro
35 40 45

Ser Val Glu Glu
50

<210> 2093
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V690fs"

<400> 2093
Val Thr Ser Val Ser Cys Cys His Gly Asn Thr Leu Leu Ala Val Arg
1 5 10 15

Ser Val Thr Asp Glu Pro Val Pro Pro Glu Ala Pro Gly Phe Thr Ser
20 25 30

Gly Pro Pro
35

<210> 2094
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G170D"

<400> 2094
Gln Thr His Leu Asn Ser Gly Val Ile Leu Ser Ile His His Leu Asp
1 5 10 15

His Arg Tyr Leu Glu Leu Glu Ser Ser Asp Asp His Arg Asn Glu Val

20 25 30

Arg Leu His Tyr Arg Ser Gly Ser His Arg Pro His Thr Glu Val Phe
35 40 45

Pro Tyr Ile Leu
50

<210> 2095
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V611L"

<400> 2095
Leu Lys Ser Leu Glu Lys Glu Asn Lys Glu Leu Leu Lys Asp Val Glu
1 5 10 15

Val Val Arg Pro Leu Glu Lys Glu Ala Leu Leu Gly Gln Leu Lys Pro
20 25 30

Thr Gly Lys Glu Asp Thr Gln Thr Leu Gln Ser Leu Gln Lys Glu Asn
35 40 45

Gln Glu Leu Met
50

<210> 2096
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T676fs"

<400> 2096
Pro Gly Ala Ser Leu Arg Lys Gly Lys Gly Asn Ser Ser Met Asp Ser
1 5 10 15

Ala Ala Gly Cys Ser Gly Thr Pro Pro Asp Leu Pro Thr Ser Pro Asp

20 25 30

Gln Thr Arg Ser Gly Pro Val His Val Ser Val Glu Pro
35 40 45

<210> 2097
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F1658fs"

<400> 2097
Ala Lys Pro Tyr Glu Ile Val Val Asp Leu Thr His Thr Gly Pro Ser
1 5 10 15

Asn Arg Phe Lys Thr Asp Phe Leu Ser Gly Leu Leu Phe Phe Leu Ala
20 25 30

Leu Leu Thr Thr Thr Ser Pro Gln Ser Ile Ser Ile Thr Val Thr Pro
35 40 45

Gly Ser Gly Ser Thr Pro Ser Ile Met Ser Gly Cys
50 55 60

<210> 2098
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V256I"

<400> 2098
Gln Phe Glu Glu Asp Gln Phe Gln Pro Gly Val Trp His Asp His Ser
1 5 10 15

Lys Tyr Pro Gly Ser Val Asn Ser Ala Ile Ile Leu Arg Leu Ser Pro
20 25 30

Tyr Val Asn Tyr Gln Phe Arg Val Ile Ala Ile Asn Glu Val Gly Ser

```
        35                  40                  45

Ser His Pro Ser
    50


<210> 2099
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.Q906E"

<400> 2099
Gln Gln Gln Gln Gln Gln Gln Gln Val Met Glu Ser Ser Ala Ala Met
1               5                   10                  15


Val Met Glu Met Gln Gln Ser Ile Cys Glu Glu Ala Ala Ala Gln Ile
            20                  25                  30


Gln Ser Glu Leu Phe Pro Ser Thr Ala Ser Ala Asn Gly Asn Leu Gln
        35                  40                  45


Gln Ser Pro Val
    50


<210> 2100
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R34G"

<400> 2100
Pro Gly Leu Pro Ser Gln Gln Asp Met Asp Leu Ile Asp Ile Leu Trp
1               5                   10                  15


Arg Gln Asp Ile Asp Leu Gly Val Ser Gly Gly Glu Val Phe Asp Phe
            20                  25                  30


Ser Gln Arg Arg Lys Glu Tyr Glu Leu Glu Lys Gln Lys Lys Leu Glu
```

35 40 45

Lys Glu Arg Gln
50

<210> 2101
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R34Q"

<400> 2101
Pro Gly Leu Pro Ser Gln Gln Asp Met Asp Leu Ile Asp Ile Leu Trp
1 5 10 15

Arg Gln Asp Ile Asp Leu Gly Val Ser Gln Gln Glu Val Phe Asp Phe
20 25 30

Ser Gln Arg Arg Lys Glu Tyr Glu Leu Glu Lys Gln Lys Lys Leu Glu
35 40 45

Lys Glu Arg Gln
50

<210> 2102
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E79K"

<400> 2102
Leu Glu Lys Glu Arg Gln Glu Gln Leu Gln Lys Glu Gln Glu Lys Ala
1 5 10 15

Phe Phe Ala Gln Leu Gln Leu Asp Glu Lys Lys Thr Gly Glu Phe Leu
20 25 30

Pro Ile Gln Pro Ala Gln His Ile Gln Ser Glu Thr Ser Gly Ser Ala

35 40 45

Asn Tyr Ser Gln
50

<210> 2103
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E79Q"

<400> 2103
Leu Glu Lys Glu Arg Gln Glu Gln Leu Gln Lys Glu Gln Glu Lys Ala
1 5 10 15

Phe Phe Ala Gln Leu Gln Leu Asp Glu Gln Gln Thr Gly Glu Phe Leu
20 25 30

Pro Ile Gln Pro Ala Gln His Ile Gln Ser Glu Thr Ser Gly Ser Ala
35 40 45

Asn Tyr Ser Gln
50

<210> 2104
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G81S"

<400> 2104
Lys Glu Arg Gln Glu Gln Leu Gln Lys Glu Gln Glu Lys Ala Phe Phe
1 5 10 15

Ala Gln Leu Gln Leu Asp Glu Glu Thr Ser Ser Glu Phe Leu Pro Ile
20 25 30

Gln Pro Ala Gln His Ile Gln Ser Glu Thr Ser Gly Ser Ala Asn Tyr

35 40 45

Ser Gln Val Ala
50

<210> 2105
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D29H"

<400> 2105
Leu Glu Leu Pro Pro Pro Gly Leu Pro Ser Gln Gln Asp Met Asp Leu
1 5 10 15

Ile Asp Ile Leu Trp Arg Gln Asp Ile His His Leu Gly Val Ser Arg
20 25 30

Glu Val Phe Asp Phe Ser Gln Arg Arg Lys Glu Tyr Glu Leu Glu Lys
35 40 45

Gln Lys Lys Leu
50

<210> 2106
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L30F"

<400> 2106
Glu Leu Pro Pro Pro Gly Leu Pro Ser Gln Gln Asp Met Asp Leu Ile
1 5 10 15

Asp Ile Leu Trp Arg Gln Asp Ile Asp Phe Phe Gly Val Ser Arg Glu
20 25 30

Val Phe Asp Phe Ser Gln Arg Arg Lys Glu Tyr Glu Leu Glu Lys Gln

```
        35                  40                  45

Lys Lys Leu Glu
    50


<210> 2107
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.G31A"

<400> 2107
Leu Pro Pro Pro Gly Leu Pro Ser Gln Gln Asp Met Asp Leu Ile Asp
1               5                   10                  15


Ile Leu Trp Arg Gln Asp Ile Asp Leu Ala Ala Val Ser Arg Glu Val
            20                  25                  30


Phe Asp Phe Ser Gln Arg Arg Lys Glu Tyr Glu Leu Glu Lys Gln Lys
        35                  40                  45


Lys Leu Glu Lys
    50


<210> 2108
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.L294F"

<400> 2108
Ser Val Thr Glu Leu Val Arg Val Ser Gln Thr Pro Ile Ala Ala Gly
1               5                   10                  15


Thr Gly Pro Asn Phe Ser Leu Ser Asp Phe Phe Glu Ser Ser Ser Tyr
            20                  25                  30


Tyr Ser Met Ser Pro Gly Ala Met Arg Arg Ser Leu Pro Ser Thr Ser
```

35 40 45

Ser Thr Ser Ser
50

<210> 2109
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R109Q"

<400> 2109
Leu Lys Asp Ala Ala His Pro Ser Glu Ala Thr Phe Ser Cys Asp Cys
1 5 10 15

Val Ala Asp Ala Leu Ile Leu Arg Val Gln Gln Ser Glu Leu Ser Gly
20 25 30

Leu Pro Phe Tyr Trp Asn Phe His Cys Met Leu Ala Ser Pro Ser Leu
35 40 45

Val Ser Gln His
50

<210> 2110
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F204fs"

<400> 2110
Asp Val Thr Ile Thr Asn Asp Cys His Val Val Val Thr Asp Ala Gly
1 5 10 15

Asp Arg Ser Ile Lys Val Phe Asp Phe Leu Ala Arg Ser Ser Leu Ser
20 25 30

Leu Glu Ala Asn Ser Pro Tyr Leu Gly Val Trp Arg Pro Pro Leu Arg

35 40 45

Met Gly Leu Trp
50

<210> 2111
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R84C"

<400> 2111
Asp Ala Glu Pro Leu Glu Ile Ile Leu His Leu Pro Leu Leu Cys Glu
1 5 10 15

Asp Lys Asn Val Pro Tyr Val Phe Val Cys Cys Ser Lys Gln Ala Leu
20 25 30

Gly Arg Ala Cys Gly Val Ser Arg Pro Val Ile Ala Cys Ser Val Thr
35 40 45

Ile Lys Glu Gly
50

<210> 2112
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D1561N"

<400> 2112
Ala Thr Glu Ile Leu Lys Ser Pro Ile Leu Pro Lys Pro Pro Gly Glu
1 5 10 15

Leu Thr Ala Glu Ser Pro Gln Ser Thr Asn Asn Asp Ala His Gln Gly
20 25 30

Ser Gln Gly Ala Glu Ala Leu Ser Pro Leu Ser Pro Cys Ser Pro Arg

35 40 45

Val Asn Ala Glu
50

<210> 2113
<211> 91
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1035fs"

<400> 2113
Glu Pro Thr Gln Arg Pro Pro Thr Ile Cys Glu Arg Trp Arg Glu Asn
1 5 10 15

Leu Leu Glu His Tyr Gly Gly Thr Pro Gly Met Thr Ser Thr Cys Pro
20 25 30

Ser Ala Met Thr Trp Ala Thr Ser Ser Pro Cys Ser Ala Thr Glu Arg
35 40 45

Ala Thr Ser Ala Gly Val Trp Thr Lys Met Ala Glu Arg Cys Arg Ala
50 55 60

Pro Ala Pro Ser Gln Ala Pro Pro Leu Arg Val Tyr Pro Pro Ser Leu
65 70 75 80

His Pro Trp Ser Gly Pro Arg Pro Gly Gln Met
85 90

<210> 2114
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1366C"

<400> 2114
Val Arg Ala Leu Gln Ala Thr Glu Glu Lys Gln Arg Gly Ala Glu Lys

1 5 10 15

Gln Ser Arg Leu Leu Glu Glu Lys Val Cys Cys Ala Leu Asn Lys Leu
20 25 30

Val Ser Arg Ile Ala Pro Ala Ala Leu Ser Val
35 40

<210> 2115
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P286fs"

<400> 2115
Ala Gly Ile Glu Asn Tyr Thr Ser Gln Phe Gly Pro Gly Ser Pro Ser
1 5 10 15

Val Ala Gln Lys Ser Glu Leu Pro Pro Pro His Leu Gln Ser His Ser
20 25 30

Ile Ser Leu Pro
35

<210> 2116
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.H447del"

<400> 2116
Gly Tyr Ala Val Pro Val Ile Gln Arg His Glu His His His His His
1 5 10 15

Glu His His His His His His His His Phe His Pro Ser
20 25

<210> 2117

<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C190fs"

<400> 2117
Lys Lys Met Pro Asn Val Phe Gln Asn Leu Val Ser Cys Lys Arg Val
1 5 10 15

Phe Arg Glu Leu Lys Met Leu Cys Phe Leu Ser Met Ile Met Tyr Ser
20 25 30

Leu Pro Leu Thr Tyr Ser Asn Leu His Thr Leu Thr Ile Leu Lys Lys
35 40 45

Tyr Met Leu Ser Gln Asn
50

<210> 2118
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E409K"

<400> 2118
Ser Asp Phe Ile Arg Ser Leu Asp His Cys Gly Asp Leu Ala Leu Glu
1 5 10 15

Gly Val Phe Ser His Lys Phe Asp Phe Lys Lys Leu Gln Asp Val Ser
20 25 30

Ser Val Asn Glu Asp Val Leu Leu Thr Thr Gly Leu Leu Cys Lys Tyr
35 40 45

Thr Ala Gln Arg
50

<210> 2119

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D593N"

<400> 2119
Lys Ser Ala Leu Ser Gln Glu Phe Glu Ala Phe Phe Gln Gly Lys Ser
1 5 10 15

Leu Tyr Ile Asn Ser Gly Asn Ile Pro Asn Asn Tyr Leu Phe Asp Phe
20 25 30

Phe Glu His Leu Pro Asn Cys Ala Ser Ala Leu Asp Phe Ile Lys Leu
35 40 45

Asp Phe Tyr Gly
50

<210> 2120
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R288W"

<400> 2120
Ala Leu Ile Lys Glu Asn His Arg Phe Lys Asn Met Val Ile Val Thr
1 5 10 15

Thr Thr Thr Glu Cys Leu Arg His Ile Trp Trp Gln Phe Gly Ala Leu
20 25 30

Thr Ala Glu Val Gly Asp Met Thr Glu Asp Ser Ala Gln Ala Leu Ile
35 40 45

Arg Glu Val Leu
50

<210> 2121

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R157C"

<400> 2121
Met Lys Lys Asp Tyr Arg Lys Lys Tyr Arg Lys Tyr Val Arg Ser Arg
1 5 10 15

Phe Gln Cys Ile Glu Asp Arg Asn Ala Cys Cys Leu Gly Glu Ser Val
20 25 30

Ser Leu Asn Lys Arg Tyr Thr Arg Leu Arg Leu Ile Lys Glu His Arg
35 40 45

Ser Gln Gln Glu
50

<210> 2122
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V229I"

<400> 2122
Leu Ile Ser Arg Glu Trp Pro Asp Pro Ala Ala Pro Ile Thr Glu Ile
1 5 10 15

Val Ser Gln Pro Glu Arg Leu Leu Phe Ile Ile Ile Asp Ser Phe Glu
20 25 30

Glu Leu Gln Gly Gly Leu Asn Glu Pro Asp Ser Asp Leu Cys Gly Asp
35 40 45

Leu Met Glu Lys
50

<210> 2123

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R392H"

<400> 2123
Leu Gly Ser Val Leu Asn Asn Asp Thr Lys Leu Cys Lys Asp Trp Ala
1 5 10 15

Glu Lys Gln Pro Pro Phe Thr Leu Ile His His Ser Leu Leu Arg Lys
20 25 30

Val Leu Leu Pro Glu Ser Phe Leu Ile Val Thr Val Arg Asp Val Gly
35 40 45

Thr Glu Lys Leu
50

<210> 2124
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R737W"

<400> 2124
Leu Pro Ile Asn Gln Asn Leu Asp Leu Ile Ala Ser Ser Phe Cys Leu
1 5 10 15

Gln His Cys Pro Tyr Leu Arg Lys Ile Trp Trp Val Asp Val Lys Gly
20 25 30

Ile Phe Pro Arg Asp Glu Ser Ala Glu Ala Cys Pro Val Val Pro Leu
35 40 45

Trp Met Arg Asp
50

<210> 2125

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E611G"

<400> 2125
Cys Pro Gly Val Ala Pro Glu Val Thr Glu Gly Ala Lys Gly Leu Glu
1 5 10 15

Asp Thr Glu Glu Pro Glu Glu Glu Glu Gly Gly Gly Glu Glu Pro Asn
20 25 30

Tyr Pro Leu Glu Leu Leu Tyr Cys Leu Tyr Glu Thr Gln Glu Asp Ala
35 40 45

Phe Val Arg Gln
50

<210> 2126
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E75K"

<400> 2126
Gln Lys Met Arg Ile Glu Val Gly Leu Asp Leu Leu His Phe Ala Leu
1 5 10 15

Ala Glu Ala Asp Arg Leu Asp Val Leu Lys Lys Lys Tyr Arg Gly Lys
20 25 30

Cys Glu Pro Thr Phe Leu Phe Tyr Ala Gly Gly Glu Leu Val Ala Val
35 40 45

Val Arg Gly Ala
50

<210> 2127

<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A18E"

<400> 2127
Met Leu Arg Thr Glu Ser Cys Arg Pro Arg Ser Pro Ala Gly Gln Val
1 5 10 15

Ala Glu Glu Ala Ser Pro Leu Leu Leu Leu Leu Leu Leu Ala Trp
20 25 30

Cys Ala Gly Ala Cys Arg Gly Ala Pro Ile Leu Pro
35 40

<210> 2128
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A19E"

<400> 2128
Met Leu Arg Thr Glu Ser Cys Arg Pro Arg Ser Pro Ala Gly Gln Val
1 5 10 15

Ala Ala Glu Glu Ser Pro Leu Leu Leu Leu Leu Leu Leu Ala Trp
20 25 30

Cys Ala Gly Ala Cys Arg Gly Ala Pro Ile Leu Pro Gln
35 40 45

<210> 2129
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E233K"

<400> 2129
Glu Gln Lys Phe Ser Ser Leu Pro Leu Gly Arg Glu Ala Val Glu Ala
1   5   10   15

Ala Val Lys Glu Ala Gly Tyr Thr Ile Lys Lys Trp Phe Glu Val Ile
            20   25   30

Ser Gln Ser Tyr Ser Ser Thr Met Ala Asn Asn Glu Gly Leu Phe Ser
        35   40   45

Leu Val Ala Arg
    50

<210> 2130
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S58A"

<400> 2130
Pro Arg Arg Arg Leu Gly Ser Leu Arg Trp Cys Gly Arg Arg Arg Leu
1   5   10   15

Arg Trp Arg Leu Leu Gln Ala Gln Ala Ala Ala Gly Val Asp Trp Arg
            20   25   30

Glu Gly Ala Arg Gln Val Ser Arg Ala Ala Ala Ala Arg Arg Pro Asn
        35   40   45

Thr Ala Thr Pro
    50

<210> 2131
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T428M"

<400> 2131
Val Thr Thr Lys Ser Pro Ala Val Lys Pro Ala Ala Ala Pro Lys Gln
1   5   10   15

Pro Val Gly Gly Gly Gln Lys Leu Leu Met Met Arg Lys Ala Asp Ser
            20   25   30

Ser Ser Ser Glu Glu Glu Ser Ser Ser Ser Glu Glu Glu Lys Thr Lys
        35   40   45

Lys Met Val Ala
    50

<210> 2132
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R24G"

<400> 2132
Met Ala Ala Ser Arg Ser Ala Gly Glu Ala Gly Pro Gly Gly Ser Gln
1   5   10   15

Gly Arg Val Val Arg Met Lys Gly Gly Arg Gly Gly Arg Gly Pro Arg
            20   25   30

Arg Gly Pro Ala Gly Gly Gly Glu Lys Ala Leu Lys Arg Leu Lys Leu
        35   40   45

Ala Val
    50

<210> 2133
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q306del"

<400> 2133
Leu Gly Thr Glu Thr Pro Leu Ser Thr His His Gln Met Gln Leu Leu
1   5   10   15

Gln Gln Leu Leu Gln Gln Gln Gln Gln Thr Gln Val Ala Val Ala Gln
            20   25   30

Val His Leu Leu Lys Asp Gln Leu Ala Ala Glu Ala Ala Ala Arg Leu
        35   40   45

Glu Ala Gln Ala Arg
    50

<210> 2134
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.P2514fs"

<400> 2134
Ser Tyr Ser Ser Pro Val Asp Asn Thr Pro Ser His Gln Leu Gln Val
1   5   10   15

Pro Glu His Pro Phe Leu Thr Pro Ser Arg Val Pro
            20   25

<210> 2135
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P6fs"

<400> 2135
Met Pro Ala Leu Arg Arg Ser Ala Val Gly Ala Ala Gly Ala Leu Ala

1 5 10 15

Val Leu Arg Gly Pro Arg Ala Cys Ile Ala Val Ser Arg Trp Leu
20 25 30

<210> 2136
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C19W"

<400> 2136
Met Pro Ala Leu Arg Pro Ala Leu Leu Trp Ala Leu Leu Ala Leu Trp
1 5 10 15

Leu Cys Trp Trp Ala Ala Pro Ala His Ala Leu Gln Cys Arg Asp Gly
20 25 30

Tyr Glu Pro Cys Val Asn Glu Gly Met Cys Val Thr Tyr
35 40 45

<210> 2137
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R2105L"

<400> 2137
Leu Ser Pro Val Ile Cys Gly Pro Asn Arg Ser Phe Leu Ser Leu Lys
1 5 10 15

His Thr Pro Met Gly Lys Lys Ser Arg Leu Leu Pro Ser Ala Lys Ser
20 25 30

Thr Met Pro Thr Ser Leu Pro Asn Leu Ala Lys Glu Ala Lys Asp Ala
35 40 45

Lys Gly Ser Arg

50

<210> 2138
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R2298W"

<400> 2138
Ala Pro Ala Glu Gly Thr His Pro Gly Ile Ala Pro Gln Ser Arg Pro
1 5 10 15

Pro Glu Gly Lys His Ile Thr Thr Pro Trp Trp Glu Pro Leu Pro Pro
20 25 30

Ile Val Thr Phe Gln Leu Ile Pro Lys Gly Ser Ile Ala Gln Pro Ala
35 40 45

Gly Ala Pro Gln
50

<210> 2139
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C404fs"

<400> 2139
Ser Leu Pro Arg Leu Ala Val Asp Gly Pro Phe Gly Thr Ala Leu Thr
1 5 10 15

Asp Val Phe His Tyr Pro Val Cys Val Arg Cys Arg Gly Asp Arg Ser
20 25 30

His Ser Leu Arg Cys Ser Ser Glu Ile Tyr Met Val Gln Met Gln
35 40 45

<210> 2140

<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P467fs"

<400> 2140
Ala Val Cys Ile Met Glu Val Asn Leu Leu Pro Ser Lys Val Thr His
1 5 10 15

Leu Leu Ile Lys Arg Pro Pro Phe Phe Thr Ile Asp Leu Val Thr Thr
20 25 30

Cys Ile

<210> 2141
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D6E"

<400> 2141
Met Ala Ser Leu Gly Glu Glu Leu Val Arg Ala Trp His Leu Gly Ala
1 5 10 15

Gln Ala Val Asp Arg Gly Asp Trp Ala Arg Ala Leu His Leu Phe Ser
20 25 30

<210> 2142
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.G3fs"

<400> 2142
Met Ala Gly Pro Pro Ile Pro Ser Phe Ser Ala Arg Gly Ser Pro Gly
1   5   10   15

Ala Asp Gln Glu Ala Pro Asn Val Cys Leu Leu Cys Ala Leu Val Arg
            20   25   30

Arg Gln Arg His Leu Arg Ala Gln Glu Leu Gly Arg Ile Gln Ala Ala
        35   40   45

Gln Glu Asp Pro Gln Gly Asp Leu Pro Gly Gly Gly Gly Pro Ala Ala
    50   55   60

Glu Ile
65

<210> 2143
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q201R"

<400> 2143
Asp Ser Ile Thr Pro Leu Leu Gly His Leu Pro Ser Asp Val Met Asp
1   5   10   15

Gln Asn Leu Leu Asn Phe Leu Pro Glu Arg Arg Glu His Ser Glu Val
            20   25   30

Tyr Lys Ile Leu Ser Ser His Met Leu Val Thr Asp Ser Pro Ser Pro
        35   40   45

Glu Tyr Leu Lys
    50

<210> 2144
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E451K"

<400> 2144
Gly Ala Asp Val Pro Phe Gly Pro Pro Leu Asp Ile Gln Ile Leu His
1   5   10   15

Gln Val Leu Asp Leu Gln Ile Ala Ile Lys Lys Asn Ile Thr Ala Ser
            20   25   30

Tyr Asp Asn Glu Thr Val Thr Leu Gln Asp Ile Cys Leu Ala Pro Leu
        35   40   45

Ser Pro Tyr Asn
    50

<210> 2145
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A271V"

<400> 2145
Gln Pro Pro Pro Pro Thr Gln Gln His Ser Ile Ile Asp Asn Ser Leu
1   5   10   15

Ser Leu Lys Thr Pro Ser Glu Leu Ser Val Val His Ser Pro Ser Thr
            20   25   30

Leu Ser Ser Thr Leu Ser Gly
        35

<210> 2146
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.L287fs"

<400> 2146
Lys Val Glu Ala Lys Phe Ile Asn Tyr Val Lys Asn Cys Phe Arg Met
1   5   10   15

Thr Asp Gln Glu Ala Ile Gln Asp Leu Cys Leu Ala Val Glu Glu Val
            20   25   30

Ser Leu Arg Lys
        35

<210> 2147
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L287fs"

<400> 2147
Lys Val Glu Ala Lys Phe Ile Asn Tyr Val Lys Asn Cys Phe Arg Met
1   5   10   15

Thr Asp Gln Glu Ala Ile Gln Asp Leu Leu Leu Ala Val Glu Glu Val
            20   25   30

Ser Leu Arg Lys
        35

<210> 2148
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.W288fs"

<400> 2148
Lys Val Glu Ala Lys Phe Ile Asn Tyr Val Lys Asn Cys Phe Arg Met
1   5   10   15

Thr Asp Gln Glu Ala Ile Gln Asp Leu Cys Leu Ala Val Glu Glu Val

```
            20                  25                  30

Ser Leu Arg Lys
        35


<210> 2149
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.Y138H"

<400> 2149
Leu Phe Ser Leu Val Asp Arg Val Ala Ala Ala Arg Gly Ala Lys Pro
1               5                   10                  15


Asp Leu Ile Leu Gly Pro Val Cys Glu His His Ala Ala Ala Pro Val
            20                  25                  30


Ala Arg Leu Ala Ser His Trp Asp Leu Pro Met Leu Ser Ala Gly Ala
        35                  40                  45


Leu Ala Ala Gly
    50


<210> 2150
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R235Q"

<400> 2150
Tyr Met Thr Ile Val Ala Phe Leu Val Tyr Phe Ile Pro Leu Thr Ile
1               5                   10                  15


Ile Ser Ile Met Tyr Gly Ile Val Ile Gln Gln Thr Ile Trp Ile Lys
            20                  25                  30


Ser Lys Thr Tyr Glu Thr Val Ile Ser Asn Cys Ser Asp Gly Lys Leu
```

35 40 45

Cys Ser Ser Tyr
50

<210> 2151
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A263T"

<400> 2151
Tyr Met Tyr Ala Lys Val Lys Lys Ser Leu Pro Glu Met Tyr Ala Phe
1 5 10 15

Thr Val Cys Met Trp Leu Lys Ser Ser Thr Thr Thr Pro Gly Val Gly
20 25 30

Thr Pro Phe Ser Tyr Ala Val Pro Gly Gln Ala Asn Glu Leu Val Leu
35 40 45

Ile Glu Trp Gly
50

<210> 2152
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A371T"

<400> 2152
Asp Tyr Glu Thr Ile Ala Met Ser Thr Met His Thr Asp Val Ser Lys
1 5 10 15

Thr Ser Leu Lys Gln Ala Ser Pro Val Thr Thr Phe Lys Lys Ile Asn
20 25 30

Asn Asn Asp Asp Asn Glu Lys Ile

35 40

<210> 2153
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S270I"

<400> 2153
His Pro Ser Gly Val Lys Thr Glu Ser Ala Val Leu Met Thr Ser Asp
1 5 10 15

Lys Ala Glu Ser Cys Gln Gly Asp Leu Ile Ile Thr Leu Ala Asn Val
20 25 30

Val Thr Ser Leu Ala Asn Leu Gly Lys Thr Lys Asp Leu Ser Gln Asn
35 40 45

Ser Asn Glu Met
50

<210> 2154
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R314L"

<400> 2154
Arg Thr Val Gln Lys Asn Ala Lys Tyr Val Cys Leu Ala Asn Lys Asn
1 5 10 15

Cys Pro Val Asp Lys Arg Arg Arg Asn Leu Leu Cys Gln Tyr Cys Arg
20 25 30

Phe Gln Lys Cys Leu Ala Val Gly Met Val Lys Glu Val Val Arg Thr
35 40 45

Asp Ser Leu Lys

50

<210> 2155
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E80K"

<400> 2155
Ser His Gly Glu Gln Gly Gln Met Pro Glu Asn Met Gln Val Ser Gln
1 5 10 15

Phe Lys Met Val Asn Tyr Ser Tyr Asp Lys Lys Asp Leu Glu Glu Leu
20 25 30

Cys Pro Val Cys Gly Asp Lys Val Ser Gly Tyr His Tyr Gly Leu Leu
35 40 45

Thr Cys Glu Ser
50

<210> 2156
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E327K"

<400> 2156
Tyr Glu Glu His Arg Gly Lys Gly Ser Phe Pro Ala Met Ile Thr Pro
1 5 10 15

Ala Tyr Gln Asn Ala Lys Lys Ala His Lys Lys Leu Ala Ser Asp Ile
20 25 30

Lys Tyr Arg Gln Asp Phe Asn Lys Met Lys Gly Ala Ala His Tyr His
35 40 45

Ser Leu Pro Ala

50

<210> 2157
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q61K"

<400> 2157
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys
1 5 10 15

Leu Leu Asp Ile Leu Asp Thr Ala Gly Lys Lys Glu Glu Tyr Ser Ala
20 25 30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
35 40 45

Ala Ile Asn Asn
50

<210> 2158
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q61R"

<400> 2158
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys
1 5 10 15

Leu Leu Asp Ile Leu Asp Thr Ala Gly Arg Arg Glu Glu Tyr Ser Ala
20 25 30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
35 40 45

Ala Ile Asn Asn

50

<210> 2159
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q61L"

<400> 2159
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys
1 5 10 15

Leu Leu Asp Ile Leu Asp Thr Ala Gly Leu Leu Glu Glu Tyr Ser Ala
20 25 30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
35 40 45

Ala Ile Asn Asn
50

<210> 2160
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q61H"

<400> 2160
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys
1 5 10 15

Leu Leu Asp Ile Leu Asp Thr Ala Gly His His Glu Glu Tyr Ser Ala
20 25 30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
35 40 45

Ala Ile Asn Asn

50

<210> 2161
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q61H"

<400> 2161
Ile Glu Asp Ser Tyr Arg Lys Gln Val Val Ile Asp Gly Glu Thr Cys
1 5 10 15

Leu Leu Asp Ile Leu Asp Thr Ala Gly His His Glu Glu Tyr Ser Ala
20 25 30

Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys Val Phe
35 40 45

Ala Ile Asn Asn
50

<210> 2162
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G12C"

<400> 2162
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Cys Cys Gly Val Gly
1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu
35

<210> 2163

<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G12D"

<400> 2163
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Asp Asp Gly Val Gly
1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu
35

<210> 2164
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G13R"

<400> 2164
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Gly Arg Arg Val Gly
1 5 10 15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
20 25 30

Tyr Asp Pro Thr Ile Glu Asp
35

<210> 2165
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G13D"

<400> 2165
Met Thr Glu Tyr Lys Leu Val Val Val Gly Ala Gly Asp Asp Val Gly
1   5   10   15

Lys Ser Ala Leu Thr Ile Gln Leu Ile Gln Asn His Phe Val Asp Glu
            20   25   30

Tyr Asp Pro Thr Ile Glu Asp
        35

<210> 2166
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V481L"

<400> 2166
Val Ser Ser Met Thr Val Ser Met Pro Ser Met Ala Val Ser Pro Phe
1   5   10   15

Met Glu Glu Glu Arg Pro Leu Leu Leu Leu Leu Thr Pro Pro Arg Leu
            20   25   30

Arg Glu Lys Lys Phe Asp His His Pro Gln Gln Phe Ser Ser Phe His
        35   40   45

His Asn Pro Ala
    50

<210> 2167
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.T246M"

<400> 2167
Leu Lys Lys Glu Val Gly Lys Ile Leu Cys Thr Asp Cys Ala Thr Arg
1   5   10   15

Pro Lys Leu Lys Lys Met Lys Ser Gln Met Met Gly Gln Val Gly Glu
            20   25   30

Lys Gln Ser Leu Lys Cys Glu Ala Ala Ala Gly Asn Pro Gln Pro Ser
        35   40   45

Tyr Arg Trp Phe
    50

<210> 2168
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.G21fs"

<400> 2168
Ala Asn Arg Ser Arg Arg Ala Leu Trp Ser Gln Ser Gln Val Val Leu
1   5   10   15

Pro Glu Trp Gly Ala Val Val Met
            20

<210> 2169
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R103C"

<400> 2169
Phe Glu Thr Pro Glu Ala Tyr Ile Ser Leu Pro Lys Trp Asn Thr Lys
1   5   10   15

Arg Met Gly Ser Ile Ser Phe Asp Phe Cys Cys Thr Thr Glu Pro Asn

20 25 30

Gly Leu Ile Leu Phe Thr His Gly Lys Pro Gln Glu Arg Lys Asp Ala
35 40 45

Arg Ser Gln Lys
50

<210> 2170
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P23H"

<400> 2170
Met Leu Gly Ser Asp Asp Phe Phe Tyr Val Gly Gly Ser Pro Ser Thr
1 5 10 15

Ala Asp Leu Pro Gly Ser His His Val Ser Asn Asn Phe Met Gly Cys
20 25 30

Leu Lys Glu Val Val Tyr Lys Asn Asn Asp Ile Arg Leu Glu Leu Ser
35 40 45

Arg

<210> 2171
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D244N"

<400> 2171
Tyr Phe Gln Ser Asn Ala Glu Pro Arg Cys Pro His Cys Asn Asp Tyr
1 5 10 15

Trp Pro His Glu Ile Pro Lys Val Phe Asn Asn Pro Glu Lys Glu Arg

20 25 30

Glu Ser Gly Val Leu Lys Ser Asn Lys Lys Ser Leu Arg Ser Arg Gln
35 40 45

His

<210> 2172
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q31fs"

<400> 2172
Ser Asn Ser Gly Ser Thr Gly Phe Ile Ser Phe Ser Gly Val Glu Ser
1 5 10 15

Ala Leu Ser Ser Leu Lys Asn Phe Gln Ser Leu Tyr Gln Leu Trp Tyr
20 25 30

Gly His Ser Phe
35

<210> 2173
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.A3P"

<400> 2173
Met Arg Pro Pro Pro Ser Met Asp Arg Ala Ala Val Ala Arg Val Gly
1 5 10 15

Ala Val Ala Ser Ala Ser Val Cys Ala Leu Val Ala Gly
20 25

<210> 2174

<211> 58
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P206fs"

<400> 2174
Ala Glu Pro Thr Pro Ser Trp Glu His Val Leu Phe Thr Ala Cys His
1 5 10 15

Asn Gln His Leu Gln Leu Gln Pro Pro Ala Ala Gly Cys Thr Arg Gly
20 25 30

Arg Thr Thr Gly Arg Pro Phe Trp Thr Ala Ser Gly Pro Ala Glu Leu
35 40 45

Asp Cys Ala Ser Gly Ser Ser Val Gly Leu
50 55

<210> 2175
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G333C"

<400> 2175
Ile Met Leu Phe Glu Val Lys Thr Thr Ala Leu Thr Pro Trp Lys Gly
1 5 10 15

Pro Gly Ala Val Ser Glu Val Ser Asn Cys Cys Thr Ser Arg Arg Ala
20 25 30

Gly Cys Val Trp Leu Leu Pro Leu Leu Val Leu His Leu Leu Leu Lys
35 40 45

Phe

<210> 2176

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E59K"

<400> 2176
Cys Asn Pro Arg Met Gly Asn Leu Ala Leu Gly Arg Lys Leu Trp Ala
1 5 10 15

Asp Thr Thr Cys Gly Gln Asn Ala Thr Lys Lys Leu Tyr Cys Phe Tyr
20 25 30

Ser Glu Asn Thr Asp Leu Thr Cys Arg Gln Pro Lys Cys Asp Lys Cys
35 40 45

Asn Ala Ala Tyr
50

<210> 2177
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G173C"

<400> 2177
Arg Arg Leu Ser Glu Arg Glu Thr Arg His Phe Phe Arg Gln Ile Val
1 5 10 15

Ser Ala Val His Tyr Cys His Lys Asn Cys Cys Val Val His Arg Asp
20 25 30

Leu Lys Leu Glu Asn Ile Leu Leu Asp Asp Asn Cys Asn Ile Lys Ile
35 40 45

Ala Asp Phe Gly
50

<210> 2178

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R373Q"

<400> 2178
Arg Leu Val His Ile Lys Gly Asn Cys Gly Lys Glu Lys Val Leu Phe
1 5 10 15

Leu Arg Leu Tyr Leu Leu Gln Gly Ile Gln Gln Asn Tyr His Ser Gly
20 25 30

Asn Asp Val Glu Ala Tyr Glu Tyr Leu Asn Lys Ala Arg Gln Leu Phe
35 40 45

Lys Glu Leu Tyr
50

<210> 2179
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S83Y"

<400> 2179
Glu Cys Ala Gln Arg Glu Thr Trp Glu Glu Ala Ala Leu His Leu Lys
1 5 10 15

Asn Val His Phe Ala Ser Val Val Asn Tyr Tyr Phe Ile Glu Lys Glu
20 25 30

Asn Tyr His Tyr Val Thr Ile Leu Met Lys Gly Glu Val Asp Val Thr
35 40 45

His Asp Ser Glu
50

<210> 2180

<211> 71
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.W13fs"

<400> 2180
Met Ser Val Val Pro Pro Asn Arg Ser Gln Thr Gly Trp Ala Pro Gly
1 5 10 15

Gly His Ser Val Arg Gln Gln Val His Pro Ala Asp Glu Ala Pro His
20 25 30

Pro Gly Ala His His Gln Pro Val Pro Ser Tyr Gln Leu Tyr Phe Trp
35 40 45

Tyr Lys Arg Ala Pro Leu Arg Glu Gly Gln Leu Cys Cys Ser Gln Ile
50 55 60

Ser Ala His Glu Gly Arg Ile
65 70

<210> 2181
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S340L"

<400> 2181
Lys Glu Ser Leu Asn Leu Glu Asp Gln Ile Glu Ser Asp Glu Ser Glu
1 5 10 15

Leu Lys Lys Leu Lys Thr Glu Glu Asn Leu Leu Phe Lys Arg Leu Met
20 25 30

Ile Val Lys Lys Glu Lys Leu Ala Thr Ala Gln Phe Lys Ile Asn Lys
35 40 45

Lys His Glu Asp

50

<210> 2182
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R224fs"

<400> 2182
Thr Asn Gly Tyr Met Gly Lys Gly Ala Asp Asn Asp Gly Ser Gly Ser
1 5 10 15

Glu Ser Gly Tyr Thr Thr Pro Lys Lys Gly Lys Leu Gly Ala Ile Val
20 25 30

Pro Arg Val Val Lys Thr Leu Ile
35 40

<210> 2183
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q29del"

<400> 2183
Lys Pro Gly Gln Pro Gln Pro Gln His His His Ser His His His Pro
1 5 10 15

His His His Pro Gln Gln Gln Gln Gln Pro His His His His His Tyr
20 25 30

Tyr Phe Tyr Asn His Ser His Asn His His His His His His His Gln
35 40 45

Gln Pro His Gln Tyr
50

<210> 2184

<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.L135fs"

<400> 2184
Asp Ala Ile Val Asp Leu Ile His Asp Ile Gln Ile Val Ser Thr Thr
1 5 10 15

Arg Glu Leu Tyr Leu Glu Asp Ser Pro Trp Ser
20 25

<210> 2185
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A302V"

<400> 2185
Phe Leu Thr Tyr Ile Ser Leu Leu His Ser Pro Gly Asn Ile Gly Lys
1 5 10 15

Leu Leu Gly Pro Leu Pro Met His Pro Val Val Ala Glu Asp Asn Tyr
20 25 30

Gly Tyr Asp Ala Cys Ala Val Leu Cys Leu Pro Cys Val Pro Asn Ile
35 40 45

Leu Val Ile Ala
50

<210> 2186
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E14K"

<400> 2186
Met Asp Thr Glu Gly Phe Gly Glu Leu Leu Gln Gln Ala Lys Lys Gln
1   5   10   15

Leu Ala Ala Glu Thr Glu Gly Ile Ser Glu Leu Pro His Val Glu Arg
            20   25   30

Asn Leu Gln Glu Ile Gln Gln Ala
        35   40

<210> 2187
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P480S"

<400> 2187
Asp Lys Ala Val Ser Tyr Thr Met Val Tyr Ser Ala Val Lys Val Thr
1   5   10   15

Thr His Ser Val Leu Pro Ala Gly Pro Ser Ser Leu Gly Ala Gly Glu
            20   25   30

Pro Lys Thr Glu Lys Glu Ile Ser Val Leu His Gly Met Leu Cys Thr
        35   40   45

Ser Ser Arg Pro
    50

<210> 2188
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P437L"

<400> 2188
Ser Ser Pro Pro Pro Pro Ser Thr Leu Tyr Arg Thr Gln Ser Pro His
1   5   10   15

Gly Tyr Pro Lys Ser His Ser Thr Ser Leu Leu Ser Pro Val Ser Met
            20   25   30

Gly Arg Ser Leu Thr Pro Leu Ser Leu Lys Arg Pro Pro Pro Tyr Asp
        35   40   45

Ala Val His Ser
    50

<210> 2189
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R197Q"

<400> 2189
Arg Thr Glu Ala Ser Ala Lys Pro Arg Pro His Ser Asp Glu Tyr Ser
1   5   10   15

Lys Lys Ile Pro Pro Pro Lys Pro Lys Gln Gln Asn Pro Asn Thr Gln
            20   25   30

Leu Ser Thr Ser Phe Asp Glu Thr Tyr Ile Lys Lys His Gly Pro Arg
        35   40   45

Arg Thr Ser Leu
    50

<210> 2190
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source

<223> /note="p.G113fs"

<400> 2190
Ala Phe Leu Gly Ala Gln Gly Leu Phe Leu Asp Cys Leu Cys Trp Ser
1   5   10   15

Thr Leu Ala Tyr Leu Val Pro Gly Pro Leu Ala Pro
            20   25

<210> 2191
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R4516W"

<400> 2191
Leu Leu Leu Arg Ser Ala Gln Pro His His Ala Gly Glu Val Thr Phe
1   5   10   15

Ala Cys Arg Asp Ala Val Ala Ser Ala Trp Trp Leu Thr Val Leu Gly
            20   25   30

Leu Pro Asp Pro Pro Glu Asp Ala Glu Val Val Ala Arg Ser Ser His
        35   40   45

Thr Val Thr Leu
    50

<210> 2192
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A908T"

<400> 2192
Val Ser Glu Pro Lys Val Val Phe Ala Lys Glu Gln Leu Ala Arg Arg
1   5   10   15

Lys Leu Gln Ala Glu Ala Gly Ala Ser Thr Thr Thr Leu Ser Cys Glu

20 25 30

Val Ala Gln Ala Gln Thr Glu Val Thr Trp Tyr Lys Asp Gly Lys Lys
35 40 45

Leu Ser Ser Ser Ser
50

<210> 2193
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G997fs"

<400> 2193
Leu Asp Val Lys Glu Pro Lys Val Val Phe Ala Lys Asp Gln Val Ala
1 5 10 15

His Ser Glu Val Gln Ala Glu Ala Gly Gly Gln Cys His Ala Glu Leu
20 25 30

Arg Gly Gly Pro Gly Pro Asp Gly Gly Asp Val Val Gln Arg Trp Glu
35 40 45

Glu Ala Glu Leu Gln Leu Glu Ser Ala Cys Arg Gly Gln Gly Leu Gln
50 55 60

Thr Glu Ala Gly Gly Ala Ala Gly Arg Gln Asp Arg Cys Arg Gly Leu
65 70 75 80

Gln Leu Arg Gly Gln Gly Pro Glu Gly Leu Leu Pro Pro Ala His His
85 90 95

Arg Ala Gln Asp Asp Val Cys Lys Gly Ala Val Ser Ala
100 105

<210> 2194
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1642K"

<400> 2194
Arg Cys Ala Ala Arg Leu Ile Val Arg Glu Val Pro Val Thr Ile Val
1   5   10   15

Arg Gly Pro His Asp Leu Glu Val Thr Lys Lys Gly Asp Thr Ala Thr
            20   25   30

Phe Glu Cys Glu Leu Ser Gln Ala Leu Ala Asp Val Thr Trp Glu Lys
        35   40   45

Asp Gly Asn Ala
    50

<210> 2195
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K407fs"

<400> 2195
Thr Thr Leu Ala Ala Leu Lys Asp Glu Val Val Ser Val Glu Asn Glu
1   5   10   15

Leu Ser Glu Leu Gln Glu Val Glu Lys Asn Arg Lys Pro Leu Leu Lys
            20   25   30

Cys Ile Lys Leu Arg Tyr Lys Ser Cys Lys Lys Gln Leu Lys
        35   40   45

<210> 2196
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.E294K"

<400> 2196
Asp Gln Glu Ala Lys Leu Ser Glu Thr Ile Ser Ala Ser Asn Ala Trp
1   5   10   15

Lys Ser His Tyr Glu Lys Ile Val Ile Lys Lys Lys Thr Glu Leu Glu
            20   25   30

Val Gln Ile Glu Thr Met Lys Lys Gln Ile Ile Asn Leu Leu Glu Asp
        35   40   45

Leu Lys Lys Met
    50

<210> 2197
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R61C"

<400> 2197
Thr Gly Glu Leu Gly Gln Asp Gly Arg Leu Leu Ser Ser Thr Leu Ser
1   5   10   15

Leu Ser Ser Asn Arg Ser Leu Gly Gln Cys Cys Gln Asn Ser Pro Leu
            20   25   30

Pro Phe Gln Trp Arg Ile Thr His Ser Phe Arg Trp Met Ala Gln Val
        35   40   45

Leu Ala Ser Glu
    50

<210> 2198
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R366M"

<400> 2198
His Leu Phe Gly Leu Thr Trp Gln Leu Gln Pro Val Glu Gly Glu Leu
1   5   10   15

Tyr Ala Asn Gly Val Ser Lys Gly Asn Met Met Gly Thr Glu Ser Met
            20   25   30

Asp Thr Thr Tyr Ser Pro Ile Gly Gly Lys Val Ser Asp Lys Ser Glu
        35   40   45

Lys Lys Val Phe
    50

<210> 2199
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R2556W"

<400> 2199
Lys Gly Ile Lys Phe Ala Ile Lys Asp Gly Ile Val Thr Ala Asp Ile
1   5   10   15

Ile Gly Val Ala Asn Glu Asp Ser Arg Trp Trp Leu Ala Ala Ile Leu
            20   25   30

Asn Asn Ala His Tyr Leu Glu Asn Leu His Phe Thr Ile Glu Gly Arg
        35   40   45

Asp Thr His Tyr
    50

<210> 2200
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.W628fs"

<400> 2200
Lys Ala Ala Cys Pro Val Leu Cys Ser Gly Asn Gly Gln Tyr Ser Lys
1   5   10   15

Gly Thr Cys Gln Cys Tyr Ser Gly Trp Glu Arg Cys Arg Val Arg Arg
            20   25   30

Ala His Glu Ser Val His Arg Ser Phe Leu Arg Gly Pro Arg Leu Leu
        35   40   45

His

<210> 2201
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P218Q"

<400> 2201
Ser Ala Gln His His Pro Ser Ile Thr Ser Leu Asn Arg Asn Ser Leu
1   5   10   15

Thr Asn Arg Arg Asn Gln Ser Pro Ala Gln Gln Pro Ala Ala Leu Pro
            20   25   30

Ala Glu Leu Gln Thr Thr Pro Glu Ser Val Gln Leu Gln Asp Ser Trp
        35   40   45

Val Leu Gly Ser
    50

<210> 2202
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.I78fs"

<400> 2202
Asn Tyr Val Glu Glu Met Tyr Cys Ala Trp Leu Glu Asn Pro Lys Ser
1   5   10   15

Val His Lys Ser Trp Asp Ile Phe Phe Ala Thr Arg Met Pro Glu Pro
            20   25   30

His Arg Ala Leu Pro Thr Arg Val Pro Phe Pro
        35   40

<210> 2203
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.Y948fs"

<400> 2203
Val Ala Ile Thr Arg Ile Glu Gln Leu Ser Pro Phe Pro Phe Asp Leu
1   5   10   15

Leu Leu Lys Glu Val Gln Lys Tyr Pro Gln Cys
            20   25

<210> 2204
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A427T"

<400> 2204
Thr Lys Ala Glu Gln Phe Tyr Arg Gly Asp Ala Gln Gly Lys Lys Val
1   5   10   15

Met Ser Ile Leu Val His Gly Asp Ala Thr Thr Phe Ala Gly Gln Gly
            20   25   30

Val Val Tyr Glu Thr Phe His Leu Ser Asp Leu Pro Ser Tyr Thr Thr

35 40 45

Asn Gly Thr Val
50

<210> 2205
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R57C"

<400> 2205
Arg Leu Leu Pro Ser Arg Leu Gly Val Gln Ala Ala Arg Leu Leu Ala
1 5 10 15

Ala His Asp Val Pro Val Phe Gly Trp Cys Cys Ser Arg Ser Ser Gly
20 25 30

Pro Pro Ala Thr Phe Pro Ser Ser Lys Gly Gly Gly Gly Ser Ser Tyr
35 40 45

Met Glu Glu Met
50

<210> 2206
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G477fs"

<400> 2206
Ser Lys Ala Glu Phe Ala Leu Asp Leu Ile Leu Tyr Cys Gly Cys Glu
1 5 10 15

Gly Trp Glu Pro Glu Tyr Gly Gly Phe Phe Phe Leu Leu Leu Thr Leu
20 25 30

Pro Lys Val Lys Met Lys Ser Cys

35 40

<210> 2207
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S557T"

<400> 2207
Asp Glu Pro Ala Glu Ser Pro Ser Glu Thr Pro Gly Pro Arg Pro Ala
1 5 10 15

Gly Pro Ala Gly Asp Glu Pro Ala Glu Thr Thr Pro Ser Glu Thr Pro
20 25 30

Gly Pro Arg Pro Ala Gly Pro Ala Gly Asp Glu Pro Ala Glu Ser Pro
35 40 45

Ser Glu Thr Pro
50

<210> 2208
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R508S"

<400> 2208
Phe Val Gly Lys Asp His Lys Glu Val Phe Leu His Cys Arg Val Leu
1 5 10 15

Val Cys Gly Val Leu Asp Glu Arg Ser Ser Ser Cys Ala Gln Gly Cys
20 25 30

His Arg Arg Met Arg Arg Gly Ala Gly Gly Glu Asp Ser Ala Gly Leu
35 40 45

Gln Gly Gln Thr

50

<210> 2209
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K132N"

<400> 2209
His Val Leu Ser Gln Lys Phe Glu Lys Glu Leu Ser Lys Val Arg Glu
1 5 10 15

Tyr Val Gln Leu Ile Ser Val Tyr Glu Asn Asn Lys Leu Leu Asn Leu
20 25 30

Thr Val Arg Ile Asp Ile Met Glu Lys Asp Thr Ile Ser Tyr Thr Glu
35 40 45

Leu Asp Phe Glu
50

<210> 2210
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R445Q"

<400> 2210
Met Glu Phe Val Asp Ser Leu His Gly Gln Pro Lys Met Pro Glu Trp
1 5 10 15

Leu Ser Thr His Pro Ser His Gly Asn Gln Gln Val Glu Tyr Leu Asp
20 25 30

Arg Leu Ile Pro Gln Ala Leu Lys Ile Arg Glu Met Cys Asn Cys Pro
35 40 45

Pro Leu Ser Asn

50

<210> 2211
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L424M"

<400> 2211
Thr Leu His Ala Ile Phe Lys Glu Asn Lys Arg Pro Ser Lys Glu Leu
1 5 10 15

Gln Ile Thr Ile Ser Gln Gln Leu Gly Met Met Glu Leu Ser Thr Val
20 25 30

Ser Asn Phe Phe Met Asn Ala Arg Arg Arg Ser Leu Asp Lys Trp Gln
35 40 45

Asp Glu Gly Ser
50

<210> 2212
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R101C"

<400> 2212
Thr Ser Gln Ala Leu Leu Thr Val Asp Ile Val Asp Ser Gly Asn Leu
1 5 10 15

Val Glu Ile Thr Val Phe Gly Arg Pro Cys Cys Val Gln Asn Arg Val
20 25 30

Lys Ser Met Leu Leu Cys Leu Ala Trp Phe His Arg Glu His Arg Ala
35 40 45

Arg Ala Glu Lys

50

<210> 2213
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A900D"

<400> 2213
Gln Gln Glu Gly Ala Val Phe Leu Ser Phe Lys Leu Val Gln Gly Gly
1 5 10 15

Val Phe Gln Glu Glu Ala Val Thr Glu Asp Asp Leu Arg Ala Pro Gly
20 25 30

Lys Val Pro Asn Cys Ser Gly Thr Arg Asn Leu His Asp Asn Leu Ser
35 40 45

Asp Leu Arg Ala
50

<210> 2214
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P283H"

<400> 2214
Ser Thr Gln Lys Ala Glu Lys Glu Val Thr Arg Met Val Val Val Met
1 5 10 15

Ile Phe Ala Tyr Cys Val Cys Trp Gly His His Tyr Thr Phe Phe Ala
20 25 30

Cys Phe Ala Ala Ala Asn Pro Gly Tyr Ala Phe His Pro Leu Met Ala
35 40 45

Ala Leu Pro Ala

50

<210> 2215
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A285T"

<400> 2215
Gln Lys Ala Glu Lys Glu Val Thr Arg Met Val Val Val Met Val Leu
1 5 10 15

Ala Phe Cys Phe Cys Trp Gly Pro Tyr Thr Thr Phe Phe Ala Cys Phe
20 25 30

Ala Ala Ala Asn Pro Gly Tyr Pro Phe His Pro Leu Met Ala Ala Leu
35 40 45

Pro Ala Phe Phe
50

<210> 2216
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C27F"

<400> 2216
Glu Pro Ala Pro Ser Ala Gly Ala Glu Leu Gln Pro Pro Leu Phe Ala
1 5 10 15

Asn Ala Ser Asp Ala Tyr Pro Ser Ala Phe Phe Pro Ser Ala Gly Ala
20 25 30

Asn Ala Ser Gly Pro Pro Gly Ala Arg Ser Ala Ser Ser Leu Ala Leu
35 40 45

Ala Ile Ala Ile

50

<210> 2217
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R353H"

<400> 2217
Lys Ile Cys Val Phe Ile Phe Ala Phe Ile Met Pro Val Leu Ile Ile
1 5 10 15

Thr Val Cys Tyr Gly Leu Met Ile Leu His His Leu Lys Ser Val Arg
20 25 30

Met Leu Ser Gly Ser Lys Glu Lys Asp Arg Asn Leu Arg Arg Ile Thr
35 40 45

Arg Met Val Leu
50

<210> 2218
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R462C"

<400> 2218
Asn Phe Lys Arg Cys Phe Arg Glu Phe Cys Ile Pro Thr Ser Ser Asn
1 5 10 15

Ile Glu Gln Gln Asn Ser Thr Arg Ile Cys Cys Gln Asn Thr Arg Asp
20 25 30

His Pro Ser Thr Ala Asn Thr Val Asp Arg Thr Asn His Gln Leu Glu
35 40 45

Asn Leu Glu Ala

50

<210> 2219
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P24fs"

<400> 2219
Met Ser His Gln Pro Leu Ser Cys Leu Thr Glu Lys Glu Asp Ser Pro
1 5 10 15

Ser Glu Ser Thr Gly Asn Gly Pro Pro Thr Trp Pro Thr Gln Thr Trp
20 25 30

Thr Arg Leu Pro Arg Arg Ser Cys Cys Ser Arg
35 40

<210> 2220
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F73V"

<400> 2220
Ile Ile Ser Leu Asn Gln Ser Leu His Val Pro Met Tyr Leu Phe Leu
1 5 10 15

Leu Asn Leu Ser Val Val Glu Val Ser Val Val Ser Ala Val Ile Thr
20 25 30

Pro Glu Met Leu Val Val Leu Ser Thr Glu Lys Thr Met Ile Ser Phe
35 40 45

Val Gly Cys Phe
50

<210> 2221

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S93Y"

<400> 2221
Val Val Glu Val Ser Phe Ser Ala Val Ile Thr Pro Glu Met Leu Val
1 5 10 15

Val Leu Ser Thr Glu Lys Thr Met Ile Tyr Tyr Phe Val Gly Cys Phe
20 25 30

Ala Gln Met Tyr Phe Ile Leu Leu Phe Gly Gly Thr Glu Cys Phe Leu
35 40 45

Leu Gly Ala Met
50

<210> 2222
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M199I"

<400> 2222
Val Ile His His Phe Phe Cys His Val Leu Ser Leu Leu Lys Leu Ala
1 5 10 15

Cys Glu Asn Lys Thr Ser Ser Val Ile Ile Ile Gly Val Met Leu Val
20 25 30

Cys Val Thr Ala Leu Ile Gly Cys Leu Phe Leu Ile Ile Leu Ser Tyr
35 40 45

Val Phe Ile Val
50

<210> 2223

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L157Q"

<400> 2223
Asp Arg Tyr Val Ala Ile Cys Asn Pro Leu Arg Tyr Met Val Ile Met
1 5 10 15

Asn Lys Arg Leu Arg Ile Gln Leu Val Gln Gln Gly Ala Cys Ser Ile
20 25 30

Gly Leu Ile Val Ala Ile Thr Gln Val Thr Ser Val Phe Arg Leu Pro
35 40 45

Phe Cys Ala Arg
50

<210> 2224
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R244Q"

<400> 2224
Val Pro Met Gly Leu Val Phe Ile Ser Tyr Val Leu Ile Ile Ser Thr
1 5 10 15

Ile Leu Lys Ile Ala Ser Val Glu Gly Gln Gln Lys Lys Ala Phe Ala
20 25 30

Thr Cys Ala Ser His Leu Thr Val Val Ile Val His Tyr Ser Cys Ala
35 40 45

Ser Ile Ala Tyr
50

<210> 2225

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L298I"

<400> 2225
Ile Val Tyr Leu Lys Pro Glu Ala Ser Gly Asp Asp Thr Leu Ile Ala
1 5 10 15

Val Pro Tyr Thr Val Ile Thr Pro Phe Ile Ile Ser Pro Ile Ile Phe
20 25 30

Ser Leu Arg Asn Lys Asp Met Lys Asn Ala Phe Arg Arg Met Met Gly
35 40 45

Asn Thr Val Ala
50

<210> 2226
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L205F"

<400> 2226
Asp Thr Pro Pro Val Leu Ser Leu Ala Cys Gly Asp Thr Gly Pro Ser
1 5 10 15

Glu Leu Arg Ile Phe Ile Leu Ser Leu Phe Phe Val Leu Leu Val Ser
20 25 30

Phe Phe Phe Ile Thr Ile Ser Tyr Ala Tyr Ile Leu Ala Ala Ile Leu
35 40 45

Arg Ile Pro Ser
50

<210> 2227

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H154P"

<400> 2227
Leu Leu Thr Val Met Ala Phe Asp Gln Tyr Leu Ala Ile Cys Arg Pro
1 5 10 15

Leu Leu Tyr Pro Asn Ile Met Thr Gly Pro Pro Leu Cys Ala Lys Leu
20 25 30

Val Ile Leu Cys Trp Val Cys Gly Phe Leu Trp Phe Leu Ile Pro Ile
35 40 45

Val Leu Ile Ser
50

<210> 2228
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L9V"

<400> 2228
Met Glu Trp Glu Asn His Thr Ile Val Val Val Glu Phe Phe Leu Lys
1 5 10 15

Gly Leu Ser Gly His Pro Arg Leu Glu Leu Leu Phe Phe Val Leu Ile
20 25 30

Phe Ile Met
35

<210> 2229
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R258H"

<400> 2229
Lys Ala Phe Ser Thr Cys Ser Ser His Leu Thr Val Val Thr Leu Tyr
1 5 10 15

Tyr Ser Pro Val Ile Tyr Thr Tyr Ile His His Pro Ala Ser Ser Tyr
20 25 30

Thr Phe Glu Arg Asp Lys Val Val Ala Ala Leu Tyr Thr Leu Val Thr
35 40 45

Pro Thr Leu Asn
50

<210> 2230
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G160C"

<400> 2230
Asp Arg Ser Thr Cys Val Gln Arg Ala Thr Val Ser Trp Leu Tyr Gly
1 5 10 15

Gly Leu Ile Ala Val Met His Thr Ala Cys Cys Thr Phe Ser Leu Ser
20 25 30

Tyr Cys Gly Ser Asn Met Val His Gln Phe Phe Cys Asp Ile Pro Gln
35 40 45

Leu Leu Ala Ile
50

<210> 2231
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V69I"

<400> 2231
Leu Ile Ile Leu Ala Ile Ser Ile Asp Ser His Leu His Thr Pro Met
1 5 10 15

Tyr Phe Phe Leu Ala Asn Leu Ser Leu Ile Ile Asp Phe Cys Leu Ala
20 25 30

Thr Asn Thr Ile Pro Lys Met Leu Val Ser Leu Gln Thr Gly Ser Lys
35 40 45

Ala Ile Ser Tyr
50

<210> 2232
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M80I"

<400> 2232
His Thr Pro Met Tyr Phe Phe Leu Ser His Leu Ala Val Val Asp Ile
1 5 10 15

Ala Cys Ala Cys Ser Thr Val Pro Gln Ile Ile Leu Val Asn Leu Leu
20 25 30

His Pro Ala Lys Pro Ile Ser Phe Ala Gly Cys Met Thr Gln Met Phe
35 40 45

Leu Phe Leu Ser
50

<210> 2233
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S105C"

<400> 2233
Met Leu Val Asn Leu Leu His Pro Ala Lys Pro Ile Ser Phe Ala Gly
1 5 10 15

Cys Met Thr Gln Met Phe Leu Phe Leu Cys Cys Phe Ala His Thr Glu
20 25 30

Cys Leu Leu Leu Val Val Met Ser Tyr Asp Arg Tyr Val Ala Ile Cys
35 40 45

His Pro Leu Arg
50

<210> 2234
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S71L"

<400> 2234
Gly Leu Ile Trp Leu Asp Ser Arg Leu His Thr Pro Met Tyr Phe Phe
1 5 10 15

Leu Ser His Leu Ala Ile Ile Asp Ile Leu Leu Tyr Ala Ser Asn Asn
20 25 30

Val Pro Lys Met Leu Thr Asn Leu Gly Leu Asn Lys Arg Lys Thr Ile
35 40 45

Ser Phe Val Pro
50

<210> 2235
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G249W"

<400> 2235
Thr Val Leu Arg Met Pro Ser Asn Glu Gly Arg Lys Lys Ala Leu Val
1 5 10 15

Thr Cys Ser Ser His Leu Ile Val Val Trp Trp Met Phe Tyr Gly Ala
20 25 30

Ala Thr Phe Met Tyr Val Leu Pro Ser Ser Phe His Ser Pro Lys Gln
35 40 45

Asp Asn Ile Ile
50

<210> 2236
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.W37C"

<400> 2236
Leu Val Ser Ala Met Lys Thr Gly Asn Gln Ser Phe Gly Thr Asp Phe
1 5 10 15

Leu Leu Val Gly Leu Phe Gln Tyr Gly Cys Cys Ile Asn Ser Leu Leu
20 25 30

Phe Val Val Ile Ala Thr Leu Phe Thr Val Ala Leu Thr Gly Asn Ile
35 40 45

Met Leu Ile His
50

<210> 2237
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V45I"

<400> 2237
Asn Gln Ser Phe Gly Thr Asp Phe Leu Leu Val Gly Leu Phe Gln Tyr
1 5 10 15

Gly Trp Ile Asn Ser Leu Leu Phe Val Ile Ile Ile Ala Thr Leu Phe
20 25 30

Thr Val Ala Leu Thr Gly Asn Ile Met Leu Ile His Leu Ile Arg Leu
35 40 45

Asn Thr Arg Leu
50

<210> 2238
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G10V"

<400> 2238
Met Lys Ser Asp Asn His Ser Phe Leu Val Val Asp Ser Pro Lys Ala
1 5 10 15

Phe Ile Leu Leu Gly Val Ser Asp Arg Pro Trp Leu Glu Leu Pro Leu
20 25 30

Phe Val Val Leu
35

<210> 2239
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V287I"

<400> 2239
Asn Pro Tyr Ala Gln Gly Arg Gly Lys Phe Phe Gly Leu Phe Tyr Ala
1   5   10   15

Val Gly Thr Pro Ser Leu Asn Pro Leu Ile Ile Tyr Thr Leu Arg Asn
            20   25   30

Lys Glu Ile Lys Arg Ala Leu Arg Arg Leu Leu Gly Lys Glu Arg Asp
        35   40   45

Ser Arg Glu Ser
    50

<210> 2240
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L205F"

<400> 2240
Pro Ala Leu Ile Arg Leu Ser Cys Glu Asp Thr Ser Tyr Asn Glu Ile
1   5   10   15

Gln Val Ala Val Ala Ser Val Phe Ile Phe Phe Val Val Pro Leu Ser
            20   25   30

Leu Ile Leu Val Ser Tyr Gly Ala Ile Thr Trp Ala Val Leu Arg Ile
        35   40   45

Asn Ser Ala Lys
    50

<210> 2241
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G234W"

<400> 2241
Leu Ile Pro Leu Ile Leu Ile Leu Thr Thr Tyr Gly Ala Ile Ala Arg
1   5   10   15

Ala Val Leu Ser Met Gln Ser Thr Thr Trp Trp Leu Gln Lys Val Phe
            20   25   30

Arg Thr Cys Gly Ala His Leu Met Val Val Ser Leu Phe Phe Ile Pro
        35   40   45

Val Met Cys Met
    50

<210> 2242
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M106I"

<400> 2242
Ala Tyr Asn Phe Leu Ser Gly Gln Lys Gly Ile Ser Phe Leu Gly Cys
1   5   10   15

Gly Val Gln Ser Phe Phe Phe Leu Thr Ile Ile Ala Cys Ser Glu Gly
            20   25   30

Leu Leu Leu Thr Ser Met Ala Tyr Asp Arg Tyr Leu Ala Ile Cys His
        35   40   45

Ser Leu Tyr Tyr
    50

<210> 2243
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T242A"

<400> 2243
Cys Gly Arg Val Leu Phe Ala Val Tyr His Met His Ser Lys Glu Gly
1   5   10   15

Arg Lys Lys Ala Phe Thr Thr Ile Ser Ala Ala His Leu Thr Val Val
            20   25   30

Ile Phe Tyr Tyr Ala Pro Phe Val Tyr Thr Tyr Leu Arg Pro Arg Asn
        35   40   45

Leu Arg Ser Pro
    50

<210> 2244
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L67I"

<400> 2244
Leu Ser Met Ile Leu Leu Ile Phe Leu Asp Thr His Leu His Thr Pro
1   5   10   15

Met Tyr Phe Leu Leu Ser Gln Leu Ser Ile Ile Ile Asp Leu Asn Tyr
            20   25   30

Ile Ser Thr Ile Val Pro Lys Met Ala Ser Asp Phe Leu Ser Gly Asn
        35   40   45

Lys Ser Ile Ser
    50

<210> 2245
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.M1I"

<400> 2245
Ile Ile Glu Asn Tyr Asn Gln Thr Ser Thr Asp Phe Ile Leu Leu Gly
1   5   10   15

Phe Phe Pro Pro Ser Arg Ile Gly Leu Phe Leu
            20   25

<210> 2246
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K294R"

<400> 2246
Glu Asp Lys Val Leu Ala Val Phe Tyr Thr Thr Leu Thr Pro Met Leu
1   5   10   15

Asn Pro Ile Ile Tyr Ser Leu Arg Asn Arg Arg Glu Val Met Gly Ala
            20   25   30

Leu Thr Arg Val Ser Gln Arg Ile Cys Ser Gly Lys Met
        35   40   45

<210> 2247
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R121C"

<400> 2247
Cys Gly Ile Gln Ser Phe Phe Phe Leu Ala Leu Gly Gly Ala Glu Ala
1   5   10   15

Leu Leu Leu Ala Ser Met Ala Tyr Asp Cys Cys Tyr Ile Ala Ile Cys

20 25 30

Phe Pro Leu His Tyr Leu Ile Arg Met Ser Lys Arg Val Cys Val Leu
35 40 45

Met Ile Thr Gly
50

<210> 2248
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R171S"

<400> 2248
Gly Ser Trp Ile Ile Gly Ser Ile Asn Ala Cys Ala His Thr Val Tyr
1 5 10 15

Val Leu His Ile Pro Tyr Cys Arg Ser Ser Ser Ala Ile Asn His Phe
20 25 30

Phe Cys Asp Val Pro Ala Met Val Thr Leu Ala Cys Met Asp Thr Trp
35 40 45

Val Tyr Glu Gly
50

<210> 2249
<211> 112
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S201fs"

<400> 2249
Phe Cys Asp Val Pro Ala Met Val Thr Leu Ala Cys Met Asp Thr Trp
1 5 10 15

Val Tyr Glu Gly Thr Val Phe Leu Ser His His Leu Ser Arg Val Ser

20 25 30

Leu His Trp Tyr Phe Met Phe Leu Trp Pro Gly Ser Leu Cys Cys Leu
35 40 45

Pro His Glu Ile Cys Arg Arg Glu Glu Glu Ser Leu Phe Asp Leu Gln
50 55 60

His Pro Pro His Cys Ser Asn Phe Leu Leu Cys Thr Phe Cys Leu His
65 70 75 80

Leu Ser Thr Ser Lys Ile Pro Ala Ile Ser Asn Arg Gly Gln Gly Ser
85 90 95

Gly Cys Leu Leu His His Pro His Pro Asn Ala Gln Pro His His Leu
100 105 110

<210> 2250
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A95fs"

<400> 2250
Asp Leu Met Leu Ile Cys Thr Thr Val Pro Lys Met Ala Phe Asn Tyr
1 5 10 15

Leu Ser Gly Ser Lys Ser Ile Ser Met Val Val Val Ser His Lys Phe
20 25 30

Ser Ser Ile Tyr His Cys Leu Ala Leu Asn Val Phe Phe Trp Leu Leu
35 40 45

Trp Leu Met Thr Ala Ile Leu Leu Phe Ala Thr Leu
50 55 60

<210> 2251
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F177L"

<400> 2251
Gly Ser Thr Asp Gly Ile Ile Asp Ala Val Ala Thr Phe Ser Phe Ser
1   5   10   15

Phe Cys Gly Ser Arg Glu Ile Ala His Leu Leu Phe Cys Glu Phe Pro
            20   25   30

Ser Leu Leu Ile Leu Ser Cys Asn Asp Thr Ser Ile Phe Glu Glu Val
        35   40   45

Ile Phe Ile Cys
    50

<210> 2252
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F323L"

<400> 2252
Thr Arg Ala Phe Met Lys Ile Leu Gly Lys Gly Lys Ser Glu Ser Glu
1   5   10   15

Leu Pro His Lys Leu Tyr Val Leu Leu Leu Leu Ala Lys Phe Phe Phe
            20   25   30

Leu Ile Ser Ile Phe Phe Tyr Asp Val Lys Ile Leu Ala Leu Ile Met
        35   40   45

Tyr Ile Ala
    50

<210> 2253
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R235H"

<400> 2253
Pro Val Ala Ile Ile Ile Ala Ser Tyr Ala Arg Val Ile Leu Ala Val
1   5   10   15

Ile His Met Gly Ser Gly Glu Gly Arg His His Lys Ala Phe Thr Thr
            20   25   30

Cys Ser Ser His Leu Leu Val Val Gly Met Tyr Tyr Gly Ala Ala Leu
        35   40   45

Phe Met Tyr Ile
    50

<210> 2254
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M273I"

<400> 2254
Val Gly Met Tyr Tyr Gly Ala Ala Leu Phe Met Tyr Ile Arg Pro Thr
1   5   10   15

Ser Asp Arg Ser Pro Thr Gln Asp Lys Ile Ile Val Ser Val Phe Tyr
            20   25   30

Thr Ile Leu Thr Pro Met Leu Asn Pro Leu Ile Tyr Ser Leu Arg Asn
        35   40   45

Lys Glu Val Thr
    50

<210> 2255
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V205L"

<400> 2255
Asp Phe Pro Ser Leu Leu Ile Leu Ser Cys Asn Asp Thr Ser Ile Phe
1   5   10   15

Glu Lys Val Leu Phe Ile Cys Cys Ile Leu Leu Met Ile Val Phe Pro
            20   25   30

Val Ala Ile Ile Ile Ala Ser Tyr Ala Arg Val Ile Leu Ala Val Ile
        35   40   45

His Met Gly Ser
    50

<210> 2256
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R184H"

<400> 2256
Val Ala Thr Leu Ser Phe Pro Tyr Cys Gly Ala His Glu Ile Asp His
1   5   10   15

Phe Phe Cys Glu Ala Pro Val Leu Val His His Leu Ala Cys Ala Asp
            20   25   30

Thr Ser Val Phe Glu Asn Ala Met Tyr Ile Cys Cys Val Leu Met Leu
        35   40   45

Leu Val Pro Phe
    50

<210> 2257
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M258L"

<400> 2257
Lys Lys Ala Phe Ala Thr Cys Ser Ser His Val Ala Val Val Gly Leu
1   5   10   15

Phe Tyr Gly Ala Gly Ile Phe Thr Tyr Leu Leu Arg Pro Lys Ser His
            20   25   30

Arg Ser Thr Asn His Asp Lys Val Val Ser Ala Phe Tyr Thr Met Phe
        35   40   45

Thr Pro Leu Leu
    50

<210> 2258
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F13V"

<400> 2258
Met Gly Met Glu Gly Leu Leu Gln Asn Ser Thr Asn Val Val Val Leu
1   5   10   15

Thr Gly Leu Ile Thr His Pro Ala Phe Pro Gly Leu Leu Phe Ala Ile
            20   25   30

Val Phe Ser Ile Phe Val Val
        35

<210> 2259
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.D11Y"

<400> 2259
Met Glu Gln Ser Asn Tyr Ser Val Tyr Ala Tyr Tyr Phe Ile Leu Leu
1   5   10   15

Gly Leu Phe Ser Asn Ala Arg Phe Pro Trp Leu Leu Phe Ala Leu Ile
            20   25   30

Leu Leu Val Phe Leu
        35

<210> 2260
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R120S"

<400> 2260
Cys Gly Val Gln Ile Phe Phe Leu Pro Thr Leu Gly Gly Gly Glu Cys
1   5   10   15

Phe Leu Leu Ala Ala Met Ala Tyr Asp Ser Ser Tyr Ala Ala Val Cys
            20   25   30

His Pro Leu Arg Tyr Pro Thr Leu Met Ser Trp Gln Leu Cys Leu Arg
        35   40   45

Met Thr Met Ser
    50

<210> 2261
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P165Q"

<400> 2261
Leu Arg Met Thr Met Ser Cys Trp Leu Leu Gly Ala Ala Asp Gly Leu

1 5 10 15

Leu Gln Ala Val Val Thr Leu Ser Phe Gln Gln Tyr Cys Gly Ala His
20 25 30

Glu Ile Asp His Phe Phe Cys Glu Thr Pro Val Leu Val Arg Leu Ala
35 40 45

Cys Ala Asp Thr
50

<210> 2262
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C246F"

<400> 2262
Ser Ser Tyr Thr Leu Ile Leu His Leu Ile His Arg Met Asn Ser Ala
1 5 10 15

Ala Gly Arg Arg Lys Ala Leu Ala Thr Phe Phe Ser Ser His Met Ile
20 25 30

Ile Val Leu Leu Leu Phe Gly Ala Ser Phe Tyr Thr Tyr Met Leu Arg
35 40 45

Ser Ser Tyr His
50

<210> 2263
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V137L"

<400> 2263
Lys Met Leu Leu Asp Gln Val Met Gly Val Asn Lys Ile Ser Ala Pro

1 5 10 15

Glu Cys Gly Met Gln Met Phe Phe Tyr Leu Leu Thr Leu Ala Gly Ser
20 25 30

Glu Phe Phe Leu Leu Ala Thr Met Ala Tyr Asp Arg Tyr Val Ala Ile
35 40 45

Cys His Pro Leu Arg
50

<210> 2264
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V213L"

<400> 2264
Ala Cys Gly Asp Lys Thr Thr Tyr Glu Thr Val Met Tyr Val Cys Cys
1 5 10 15

Val Ala Met Leu Leu Ile Pro Phe Ser Leu Leu Val Thr Ala Ser Tyr
20 25 30

Thr Arg Ile Leu Ile Thr Val His Gln Met Thr Ser Ala Glu Gly Arg
35 40 45

Lys Lys Ala Phe
50

<210> 2265
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F248L"

<400> 2265
Leu Lys Asn Asn Ser Leu Glu Gly Arg Cys Lys Ala Leu Ser Thr Cys

1 5 10 15

Ile Ser His Ile Ile Val Val Val Leu Leu Leu Phe Val Pro Cys Ile
20 25 30

Phe Val Tyr Leu Arg Ser Val Thr Thr Leu Pro Ile Asp Lys Ala Val
35 40 45

Ala Val Phe Tyr
50

<210> 2266
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M279I"

<400> 2266
Phe Val Tyr Leu Arg Ser Val Thr Thr Leu Pro Ile Asp Lys Ala Val
1 5 10 15

Ala Val Phe Tyr Thr Met Val Val Pro Ile Ile Leu Asn Pro Val Val
20 25 30

Tyr Thr Leu Arg Asn Ala Glu Val Lys Ser Ala Ile Arg Lys Leu Trp
35 40 45

Arg Lys Lys Val
50

<210> 2267
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.D309Y"

<400> 2267
Val Tyr Thr Leu Arg Asn Ala Glu Val Lys Ser Ala Ile Arg Lys Leu

1 5 10 15

Trp Arg Lys Lys Val Thr Ser Asp Asn Tyr Tyr
20 25

<210> 2268
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y63F"

<400> 2268
Leu Gly Asn Leu Leu Ile Ile Ile Ser Val Lys Thr Ser Gln Ala Leu
1 5 10 15

Lys Asn Pro Met Phe Phe Phe Leu Phe Phe Phe Leu Ser Leu Ser Asp
20 25 30

Thr Cys Leu Ser Thr Ser Ile Thr Pro Arg Met Ile Val Asp Ala Leu
35 40 45

Leu Lys Lys Thr
50

<210> 2269
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S135R"

<400> 2269
Ile Phe Ile Leu Ile Leu Thr Ala Val Asp Arg Tyr Val Asp Ile Cys
1 5 10 15

Lys Pro Leu His Tyr Met Thr Ile Ile Arg Arg Gln Trp Val Cys Gly
20 25 30

Val Leu Met Ala Val Ala Trp Val Gly Ser Cys Val His Ser Leu Val

35 40 45

Gln Ile Phe Leu
50

<210> 2270
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L162M"

<400> 2270
Trp Val Cys Gly Val Leu Met Ala Val Ala Trp Val Gly Ser Cys Val
1 5 10 15

His Ser Leu Val Gln Ile Phe Leu Ala Met Met Ser Leu Pro Phe Cys
20 25 30

Gly Pro Asn Val Ile Asn His Cys Phe Cys Asp Leu Gln Pro Leu Leu
35 40 45

Lys Gln Ala Cys
50

<210> 2271
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.H130fs"

<400> 2271
Ile Ala Asp Ser Leu Tyr Glu Gly Arg Thr Ile Ser Tyr Glu Cys Cys
1 5 10 15

Met Ala Gln Leu Phe Gly Ala His Phe Phe Gly Arg Cys
20 25

<210> 2272

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R226Q"

<400> 2272
Thr Asn Ser Gly Thr Ile Ser Leu Ser Cys Phe Leu Ala Val Val Thr
1 5 10 15

Ser Tyr Met Val Ile Leu Val Ser Leu Gln Gln Lys His Ser Ala Glu
20 25 30

Gly Arg Gln Lys Ala Leu Ser Thr Cys Ser Ala His Phe Met Val Val
35 40 45

Ala Leu Phe Phe
50

<210> 2273
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C254F"

<400> 2273
Ser Ser Arg Gly Ser Ser Lys Ala Leu Ser Thr Cys Thr Ala His Phe
1 5 10 15

Ile Val Val Phe Leu Phe Phe Gly Pro Phe Phe Ile Phe Ile Tyr Met
20 25 30

Trp Pro Leu Ser Ser Phe Leu Thr Asp Lys Ile Leu Ser Val Phe Tyr
35 40 45

Thr Ile Phe Thr
50

<210> 2274

<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F177fs"

<400> 2274
Val His Thr Leu Ser Gln Leu Ser Phe Thr Val Asn Leu Pro Phe Cys
1 5 10 15

Gly Pro Asn Val Val Asp Ser Phe Phe Val Ile Phe Leu Glu Ser Pro
20 25 30

Asn Leu Pro Ala Trp Thr Leu Thr Ser Leu Lys Tyr
35 40

<210> 2275
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G41E"

<400> 2275
Gly Leu Ser Gln Thr Arg Glu Val Gln Leu Val Leu Phe Val Ile Phe
1 5 10 15

Leu Ser Phe Tyr Leu Phe Ile Leu Pro Glu Glu Asn Ile Leu Ile Ile
20 25 30

Cys Thr Ile Arg Leu Asp Pro His Leu Thr Ser Pro Met Tyr Phe Leu
35 40 45

Leu Ala Asn Leu
50

<210> 2276
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A119S"

<400> 2276
Phe Asp Gly Cys Ile Ala Gln Leu Phe Phe Leu His Phe Ala Gly Ala
1 5 10 15

Ser Glu Met Phe Leu Leu Thr Val Met Ser Ser Phe Asp Leu Tyr Thr
20 25 30

Ala Ile Cys Arg Pro Leu His Tyr Ala Thr Ile Met Asn Gln Arg Leu
35 40 45

Cys Cys Ile Leu
50

<210> 2277
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A161S"

<400> 2277
Met Asn Gln Arg Leu Cys Cys Ile Leu Val Ala Leu Ser Trp Arg Gly
1 5 10 15

Gly Phe Ile His Ser Ile Ile Gln Val Ser Ser Leu Ile Val Arg Leu
20 25 30

Pro Phe Cys Gly Pro Asn Glu Leu Asp Ser Tyr Phe Cys Asp Ile Thr
35 40 45

Gln Val Val Arg
50

<210> 2278
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S268F"

<400> 2278
Tyr Ser His Ile Thr Ile Val Val Leu Met Phe Gly Pro Ser Ile Tyr
1 5 10 15

Ile Tyr Ala Arg Pro Phe Asp Ser Phe Phe Phe Leu Asp Lys Val Val
20 25 30

Ser Val Phe Asn Thr Leu Ile Phe Pro Leu Arg Asn Pro Ile Ile Tyr
35 40 45

Thr Leu Arg Asn
50

<210> 2279
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G41E"

<400> 2279
Gly Leu Thr Gln Ser Gln Asp Ile Gln Leu Leu Val Phe Val Leu Val
1 5 10 15

Leu Ile Phe Tyr Phe Ile Ile Leu Pro Glu Glu Asn Phe Leu Ile Ile
20 25 30

Phe Thr Ile Lys Ser Asp Pro Gly Leu Thr Ala Pro Leu Tyr Phe Phe
35 40 45

Leu Gly Asn Leu
50

<210> 2280
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L150fs"

<400> 2280
Ile Cys Arg Pro Leu His Tyr Pro Thr Val Met Asn Pro Arg Thr Cys
1 5 10 15

Tyr Ala Met Met Leu Ala Leu Trp Leu Trp Gly Phe Cys Pro Leu His
20 25 30

Tyr Pro Gly Gly Pro His Pro Pro Leu Ala Phe Leu Trp Pro Lys Pro
35 40 45

Ala Gly Gln Leu Leu Leu
50

<210> 2281
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L150fs"

<400> 2281
Ile Cys Arg Pro Leu His Cys Ser Thr Val Met Asn Pro Arg Ala Cys
1 5 10 15

Tyr Ala Met Met Leu Ala Leu Trp Leu Trp Gly Phe Cys Pro Leu His
20 25 30

Tyr Pro Gly Gly Pro His Pro Pro Leu Ala Phe Leu Trp Pro Lys Pro
35 40 45

Ala Gly Gln Leu Leu Leu
50

<210> 2282
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L124R"

<400> 2282
Ala Gln Glu Phe Phe Ile His Gly Phe Thr Val Met Glu Ser Ser Val
1 5 10 15

Leu Leu Ile Met Ser Leu Asp Arg Phe Arg Arg Ala Ile His Asn Pro
20 25 30

Leu Arg Tyr Ser Ser Ile Leu Thr Ser Asn Arg Val Ala Lys Met Gly
35 40 45

Leu Ile Leu Ala
50

<210> 2283
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S163L"

<400> 2283
Arg Val Ile Ala Leu Gly Val Gly Val Phe Leu Arg Gly Phe Val Ser
1 5 10 15

Ile Leu Pro Val Ile Leu Arg Leu Phe Leu Leu Phe Ser Tyr Cys Lys
20 25 30

Ser His Val Ile Thr Arg Ala Phe Cys Leu His Gln Glu Ile Met Arg
35 40 45

Leu Ala Cys Ala
50

<210> 2284
<211> 72
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A66fs"

<400> 2284
Gly Thr Leu Leu Leu Leu Ile Lys Glu Asp His Asn Leu His Glu Pro
1 5 10 15

Met Tyr Phe Phe Leu Ala Met Leu Ala Gly Pro Asp His Asn Ala His
20 25 30

Gly Ala Gly Ser Pro Leu Ala Gly Ser Gln Gly Asp Trp Lys Cys Gly
35 40 45

Leu Leu Phe Pro Gly Leu Leu Tyr Thr Leu Thr Phe Leu Ser Arg Val
50 55 60

Trp His Ser Ala Cys His Gly Leu
65 70

<210> 2285
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R67P"

<400> 2285
Ser Ile Pro Phe Cys Leu Leu Tyr Val Val Ala Val Ser Gly Asn Ser
1 5 10 15

Met Ile Leu Phe Val Val Leu Cys Glu Pro Pro Ser Leu His Lys Pro
20 25 30

Met Tyr Tyr Phe Leu Ser Met Leu Ser Ala Thr Asp Leu Ser Leu Ser
35 40 45

Leu Cys Thr Leu
50

<210> 2286

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R159Q"

<400> 2286
Ile Cys Arg Pro Leu His Tyr Pro Ala Leu Leu Thr Asn Gly Val Ile
1 5 10 15

Ser Lys Ile Ser Leu Ala Ile Ser Phe Gln Gln Cys Leu Gly Leu His
20 25 30

Leu Pro Leu Pro Phe Leu Leu Ala Tyr Met Pro Tyr Cys Leu Pro Gln
35 40 45

Val Leu Thr His
50

<210> 2287
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P298T"

<400> 2287
Phe Gly Lys His Leu Ser Pro Val Ala His Val Leu Ile Gly Asn Ile
1 5 10 15

Tyr Ile Leu Phe Pro Pro Leu Met Asn Thr Thr Ile Ile Tyr Ser Val
20 25 30

Lys Thr Gln Gln Ile His Thr Arg Met Leu Arg Leu Phe Ser Leu Lys
35 40 45

Arg Tyr
50

<210> 2288

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R133C"

<400> 2288
Phe Val His Ala Leu Thr Ala Met Glu Ser Gly Val Leu Leu Ala Met
1 5 10 15

Ala Cys Asp Arg Ala Ala Ala Ile Gly Cys Cys Pro Leu His Tyr Pro
20 25 30

Val Leu Val Thr Lys Ala Cys Val Gly Tyr Ala Ala Leu Ala Leu Ala
35 40 45

Leu Lys Ala Val
50

<210> 2289
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K89N"

<400> 2289
Gln His Leu Ala Phe Val Asp Ile Cys Tyr Thr Ser Ala Ile Thr Pro
1 5 10 15

Lys Met Leu Gln Ser Phe Thr Glu Glu Asn Asn Asn Leu Met Leu Phe
20 25 30

Gln Gly Cys Val Ile Gln Phe Leu Val Tyr Ala Thr Phe Ala Thr Ser
35 40 45

Asp Cys Tyr Leu
50

<210> 2290

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M39I"

<400> 2290
Phe Val Gly Phe Thr Asp Tyr Leu Pro Leu Arg Val Thr Leu Phe Leu
1 5 10 15

Val Phe Leu Leu Val Tyr Thr Leu Thr Ile Ile Val Gly Asn Ile Leu
20 25 30

Leu Ile Ile Leu Val Asn Ile Asn Ser Ser Leu Gln Ile Pro Met Tyr
35 40 45

Tyr Phe Leu Ser
50

<210> 2291
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R312H"

<400> 2291
Lys Ala Phe Ser Thr Cys Ala Ser His Leu Thr Ala Ile Cys Leu Phe
1 5 10 15

Phe Gly Thr Thr Leu Phe Met Tyr Leu His His Pro Arg Ser Ser Tyr
20 25 30

Ser Leu Thr Gln Asp Arg Thr Val Ala Val Ile Tyr Thr Val Val Ile
35 40 45

Pro Val Leu Asn
50

<210> 2292

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S289C"

<400> 2292
His Phe Met Gly Thr Asp Lys Met Ala Ser Val Phe Tyr Ala Ile Val
1 5 10 15

Ile Pro Met Leu Asn Pro Leu Val Tyr Cys Cys Leu Arg Asn Lys Glu
20 25 30

Val Lys Ser Ala Phe Lys Lys Thr Val Gly Lys Ala Lys Ala Ser Ile
35 40 45

Gly Phe Ile Phe
50

<210> 2293
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R163H"

<400> 2293
Val Cys Ala Cys Leu Ala Ile Gly Cys Tyr Val Ile Gly Phe Leu Asn
1 5 10 15

Ala Ser Ile Gln Ile Gly Asp Thr Phe His His Leu Ser Phe Cys Met
20 25 30

Ser Asn Val Ile His His Phe Phe Cys Asp Lys Pro Ala Val Ile Thr
35 40 45

Leu Thr Cys Ser
50

<210> 2294

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M266I"

<400> 2294
Ser His Leu Ile Ala Ile Phe Leu Phe Tyr Ile Thr Val Ile Ile Met
1 5 10 15

Tyr Ile Arg Pro Ser Ser Ser His Ser Ile Ile Asp Thr Asp Lys Ile
20 25 30

Ala Ser Val Phe Tyr Thr Met Ile Ile Pro Met Leu Ser Pro Ile Val
35 40 45

Tyr Thr Leu Arg
50

<210> 2295
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R236C"

<400> 2295
Ser Ser Leu Ile Ile Ile Leu Thr Ser Tyr Met Leu Ile Phe Thr Thr
1 5 10 15

Ile Met Lys Met Arg Ser Ala Ser Gly Cys Cys Gln Lys Thr Phe Ser
20 25 30

Thr Cys Ala Ser His Leu Thr Ala Ile Thr Ile Phe His Gly Thr Ile
35 40 45

Leu Phe Leu Tyr
50

<210> 2296

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H246N"

<400> 2296
Val Phe Ile Phe Val Thr Val Leu Lys Ile Arg Ser Val Ser Gly Arg
1 5 10 15

His Lys Ala Phe Ser Thr Trp Ala Ser Asn Asn Leu Thr Ser Ile Thr
20 25 30

Ile Phe His Gly Thr Ile Leu Phe Leu Tyr Cys Val Pro Asn Ser Lys
35 40 45

Asn Ser Arg Gln
50

<210> 2297
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P264T"

<400> 2297
Val Phe Ser Thr Cys Ala Ser His Leu Thr Ala Ile Thr Ile Phe His
1 5 10 15

Gly Thr Ile Leu Phe Leu Tyr Cys Val Thr Thr Asn Ser Lys Asn Ser
20 25 30

Arg His Thr Val Lys Val Ala Ser Val Phe Tyr Thr Val Val Ile Pro
35 40 45

Leu Leu Asn Pro
50

<210> 2298

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T271K"

<400> 2298
Leu Thr Ala Ile Thr Ile Phe His Gly Thr Ile Leu Phe Leu Tyr Cys
1 5 10 15

Val Pro Asn Ser Lys Asn Ser Arg His Lys Lys Val Lys Val Ala Ser
20 25 30

Val Phe Tyr Thr Val Val Ile Pro Met Leu Asn Pro Leu Ile Tyr Ser
35 40 45

Leu Arg Asn Lys
50

<210> 2299
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G44V"

<400> 2299
Asp Thr Leu Glu Leu Gln Ile Ile Leu Phe Leu Phe Phe Leu Val Ile
1 5 10 15

Tyr Thr Leu Thr Val Leu Gly Asn Leu Val Val Met Ile Leu Leu Ile
20 25 30

Arg Ile Asp Ser Gln Leu His Thr Pro Met Tyr Phe Phe Leu Ala Asn
35 40 45

Leu Ser Phe Val
50

<210> 2300

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A36S"

<400> 2300
Glu Phe Ile Leu Leu Gly Leu Thr Asp His Ala Glu Leu Lys Ala Val
1 5 10 15

Leu Phe Val Val Phe Leu Val Ile Tyr Ser Ser Ile Thr Leu Leu Arg
20 25 30

Asn Leu Gly Met Ile Leu Leu Ile Gln Ile Thr Ser Lys Leu His Thr
35 40 45

Pro Met Tyr Phe
50

<210> 2301
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T275N"

<400> 2301
Val Phe His Gly Thr Val Leu Ser Ile Tyr Cys Arg Pro Ser Ser Gly
1 5 10 15

Asn Ser Gly Asp Ala Asp Lys Val Ala Asn Asn Val Phe Tyr Thr Val
20 25 30

Val Ile Pro Met Leu Asn Ser Val Ile Tyr Ser Leu Arg Asn Lys Asp
35 40 45

Val Lys Glu Ala
50

<210> 2302

<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T89fs"

<400> 2302
Leu Ser Phe Val Asp Val Trp Phe Ser Ser Asn Val Thr Pro Lys Met
1 5 10 15

Leu Glu Asn Leu Leu Ser Asp Lys Lys Gln Leu Leu Met Leu Val Val
20 25 30

<210> 2303
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A100V"

<400> 2303
Pro Asn Met Leu Val Asn Phe Leu Val Glu Arg Asn Thr Val Ser Tyr
1 5 10 15

Leu Gly Cys Ala Ile Gln Leu Gly Ser Val Val Ala Phe Phe Ala Thr
20 25 30

Val Glu Cys Val Leu Leu Ala Ala Met Ala Tyr Asp Arg Phe Val Ala
35 40 45

Ile Cys Ser Pro
50

<210> 2304
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I154fs"

<400> 2304
Thr Thr Ile Met Ser Asn Lys Val Cys Asn Trp Leu Val Ile Ser Ser
1   5   10   15

Trp Leu Ala Gly Phe Leu Ile Ile Phe Ser Pro Arg Asp Tyr Gly Pro
            20   25   30

Pro Thr Gly Phe Leu
        35

<210> 2305
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G94W"

<400> 2305
Ile Ser Phe Thr Ser Val Cys Ile Pro Arg Phe Leu Val Thr Val Val
1   5   10   15

Thr Gly Asn Arg Thr Ile Ser Tyr Asn Trp Trp Cys Val Ala Gln Leu
            20   25   30

Phe Phe Phe Ile Phe Leu Gly Val Thr Glu Phe Tyr Leu Leu Ala Ala
        35   40   45

Met Ser Tyr Asp
    50

<210> 2306
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P79Q"

<400> 2306
His Leu His Thr Pro Met Tyr Thr Phe Ile Ser Ala Leu Ser Phe Leu
1 5 10 15

Glu Ile Trp Tyr Thr Thr Ala Thr Ile Gln Gln Lys Met Leu Ser Ser
20 25 30

Leu Leu Ser Glu Arg Ser Ile Ser Phe Asn Gly Cys Leu Leu Gln Met
35 40 45

Tyr Phe Phe His
50

<210> 2307
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F311L"

<400> 2307
Tyr Leu Arg Phe Ser Ala Thr Tyr Ser Val Phe Trp Asp Thr Ala Ile
1 5 10 15

Ala Val Thr Phe Val Ile Leu Ala Pro Leu Leu Phe Asn Pro Ile Ile
20 25 30

Tyr Ser Leu Lys Asn Lys Asp Met Lys Glu Ala Ile Gly Arg Leu Phe
35 40 45

His Tyr Gln Lys
50

<210> 2308
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.R293C"

<400> 2308
Leu Thr Leu Asp Arg Thr Leu Ala Ile Val Tyr Ser Val Leu Thr Pro
1   5   10   15

Met Val Asn Pro Ile Ile Tyr Ser Leu Cys Cys Asn Lys Glu Ile Ile
            20   25   30

Lys Ala Ile Lys Arg Thr Ile Phe Gln Lys Gly Asp Lys Ala Ser Leu
        35   40   45

Ala His Leu
    50

<210> 2309
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I248fs"

<400> 2309
Val Leu Arg Ile Pro Ser Ala Ser Ser Cys Gln Lys Ala Phe Ser Thr
1   5   10   15

Cys Gly Ser His Leu Thr Leu Val Phe Met Ala Thr Val Val Pro Ser
            20   25   30

Phe Cys Met Ser Gly Leu Ala Lys Leu Thr Leu Cys Lys Ser Gly Arg
        35   40   45

Ser Trp Pro Trp
    50

<210> 2310
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.F104fs"

<400> 2310
Pro Lys Met Leu Leu Asn Ile Leu Thr Gln Asn Lys Phe Ile Thr Tyr
1   5   10   15

Ala Gly Cys Leu Ser Gln Ile Phe Phe Ser Leu His Leu Asp Ala Trp
            20   25   30

Thr Ile Tyr Ser
        35

<210> 2311
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.C179fs"

<400> 2311
Met Gly Ser Leu Leu Glu Thr Leu Thr Val Leu Arg Leu Ser Phe Cys
1   5   10   15

Thr Glu Met Glu Ile Pro His Phe Phe Val Ile Tyr Leu Lys Ser
            20   25   30

<210> 2312
<211> 69
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L7fs"

<400> 2312
Met Ser Tyr Phe Pro Ile Leu Phe Phe Phe Phe Pro Gln Lys Val Ser
1   5   10   15

Glu Leu His Arg Ala Thr Glu Ser His Arg Cys Leu Arg Ile Pro Pro
            20   25   30

Pro Gly Thr Leu Arg Gly Ser Arg Thr Ala Ala Gly Pro Arg Trp Ala

35 40 45

Val Pro Val His Val Pro Gly His Gly Ala Gly Glu Pro Ala His His
50 55 60

Pro Gly Cys Gln Leu
65

<210> 2313
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R306M"

<400> 2313
Ile Ile Pro Met Leu Asn Pro Leu Ile Tyr Ser Leu Arg Asn Lys Asp
1 5 10 15

Val Lys Asn Ala Leu Lys Lys Met Thr Met Met Gly Arg Gln Ser Ser
20 25 30

<210> 2314
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L166F"

<400> 2314
Cys Leu Ala Leu Ile Thr Gly Pro Tyr Val Ile Gly Phe Ile Asp Ser
1 5 10 15

Phe Val Asn Val Val Ser Met Ser Arg Phe Phe His Phe Tyr Asp Ser
20 25 30

Asn Val Ile His His Phe Phe Cys Asp Thr Ser Pro Ile Leu Ala Leu
35 40 45

Ser Cys Thr Asp

50

<210> 2315
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S160L"

<400> 2315
Val Val Ser Arg Arg Leu Cys Leu Leu Leu Val Ser Leu Thr Tyr Leu
1 5 10 15

Tyr Gly Phe Ser Thr Ala Ile Val Val Leu Leu Pro Cys Ile Phe Ser
20 25 30

Val Ser Tyr Cys Ser Ser Asn Ile Ile Asn His Phe Tyr Cys Asp Ile
35 40 45

Ala Pro Leu Leu
50

<210> 2316
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K235N"

<400> 2316
Ser Leu Leu Ile Val Leu Leu Ser Tyr Leu Leu Ile Leu Val Ala Ile
1 5 10 15

Leu Arg Met Asn Ser Ala Gly Arg Gln Asn Asn Ala Phe Ser Thr Cys
20 25 30

Gly Ala His Leu Thr Val Val Ile Val Phe Tyr Gly Thr Leu Leu Phe
35 40 45

Met Tyr Val Gln

50

<210> 2317
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A99V"

<400> 2317
Ser Ser Val Ile Val Pro Lys Met Leu Glu Asn Leu Leu Ser Gln Arg
1 5 10 15

Lys Thr Ile Ser Val Glu Gly Cys Leu Val Val Gln Val Phe Phe Val
20 25 30

Phe Val Thr Ala Gly Thr Glu Ala Cys Leu Leu Ser Gly Met Ala Tyr
35 40 45

Asp Arg His Ala
50

<210> 2318
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R289W"

<400> 2318
Val Glu Tyr Asn Lys Ile Val Ser Leu Leu Val Ser Val Leu Thr Pro
1 5 10 15

Phe Leu Asn Pro Phe Ile Phe Thr Leu Trp Trp Asn Asp Lys Val Lys
20 25 30

Glu Ala Leu Arg Asp Gly Met Lys Arg Cys Cys Gln Leu Leu Lys Asp
35 40 45

<210> 2319

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R169L"

<400> 2319
Val Ala Val Ser Tyr Cys Gly Gly Phe Ile Asn Ser Ser Ile Ile Thr
1 5 10 15

Lys Lys Thr Phe Ser Phe Asn Phe Cys Leu Leu Glu Asn Ile Ile Asp
20 25 30

Asp Phe Phe Cys Asp Leu Leu Pro Leu Val Glu Leu Ala Cys Gly Glu
35 40 45

Lys Gly Gly Tyr
50

<210> 2320
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q721H"

<400> 2320
Phe Ser Glu Leu Ala Leu Thr Leu Asn Ala Trp Glu Ser Gly Thr Ala
1 5 10 15

Pro Thr Asp Ser Arg Leu Arg Pro Asp His His Arg Leu Met Glu Asn
20 25 30

Gly Arg Trp Asp Glu Ala Asn Ala Glu Lys Gln Arg Leu Glu Glu Lys
35 40 45

Gln Arg Leu Ser
50

<210> 2321

<211> 103
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H627fs"

<400> 2321
Glu Thr Phe Glu Leu Asp Arg Leu Asp Asp Met Gly Leu Arg Ser Leu
1 5 10 15

Cys Glu Gln Val Ser His His Pro Pro Leu Ser Cys Ala Leu Arg Val
20 25 30

Leu Gln Ala Trp Leu Glu Pro Leu Ala Gly Asp His His Leu Gln Gln
35 40 45

Val Pro Gly Lys Ile His Leu His His Ala Ala Arg Cys His Pro Leu
50 55 60

Arg Ile Pro Gly Gln Trp Glu Ser Leu Arg Val Glu Glu Glu His Leu
65 70 75 80

Asn Cys Ser Gln His His Arg Gly Gln Ala Leu Asp Arg Pro Val Arg
85 90 95

Gly His Arg Asp Cys Glu Pro
100

<210> 2322
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R577Q"

<400> 2322
Ser Glu Asp Asn Thr Ser Val Ala Asp Asn Ile Ser Arg Gln Ile Leu
1 5 10 15

Asn Gly Glu Leu Thr Gly Gly Ala Phe Gln Gln Asn Gly Arg Arg Ala

20 25 30

Cys Leu Pro Ala Pro Cys Pro Asp Thr Ser Asn Ile Asn Leu Trp Asn
35 40 45

Ile Leu Arg Asn
50

<210> 2323
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R115Q"

<400> 2323
Pro Leu Asp Arg Leu Ser Ala Gly Ser Val Asp His Lys Gly Lys Gln
1 5 10 15

Arg Lys Val Val Asp His Pro Lys Arg Gln Gln Phe Gly Ile Pro Met
20 25 30

Asp Arg Ile Gly Arg Asn Arg Leu Ser Asn Ser Arg Gly
35 40 45

<210> 2324
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T388M"

<400> 2324
Asp Asp Ile Ser Ser Gly Leu Lys Gly Tyr Val Lys Cys Asp Val Ala
1 5 10 15

Val Val Gly Lys Gly Asp Asn Ile Lys Met Met Pro His Lys Ala Asn
20 25 30

Glu Thr Asp Glu Asp Asp Ile Glu Gly Asn Leu Leu Leu Pro Glu Gly

35 40 45

Val Pro Pro Glu
50

<210> 2325
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1304K"

<400> 2325
Lys Leu Glu Thr Met Val Lys Leu Asp Ala Thr Ser Glu Ala Val Val
1 5 10 15

Lys Val Asp Val Ala Glu Glu Glu Lys Lys Lys Lys Lys Lys Lys Lys
20 25 30

Lys Gly Thr Ala Glu Glu Pro Glu Glu Glu Glu Pro Asp Glu Ser Met
35 40 45

Leu Asp Trp Trp
50

<210> 2326
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V431I"

<400> 2326
Val Ala Gln Asn Lys Lys Gln Phe Lys Ser Arg Glu Thr Leu Tyr Gly
1 5 10 15

Gln Glu Ile Asp Gln Ala Ser Leu Leu Ile Ile Ile Leu Lys Leu Ser
20 25 30

Ala Gly Asp Gln Val Trp Leu Glu Val Ser Lys Asp Trp Asn Gly Val

35 40 45

Tyr Val Ser Ala
50

<210> 2327
<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.LLW104del"

<400> 2327
Ala Trp Ala Val His Ala Ala Gly Val Ser Lys Ser Asp Leu Leu Cys
1 5 10 15

Phe Leu Thr Ala Leu Met Leu Leu Gln Met Leu Trp Tyr Val Gly Arg
20 25 30

Ser Ser Ala His Arg Arg Leu Phe Arg Leu Lys Asp Thr His Ala Gly
35 40 45

Ala Gly Trp Leu Arg Gly Ser Ile Thr Leu Phe
50 55

<210> 2328
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R277I"

<400> 2328
Val Gln Asn Leu Glu Ala Glu Asn Tyr Asn Ile Glu Ser Ala Ile Ile
1 5 10 15

Ala Val Leu Arg Met Asn Gln Gly Lys Ile Ile Asn Asn Ala Glu Glu
20 25 30

Asn Leu Glu Pro Ser Gly Arg Val Leu Lys Gln Cys Gly Pro Leu Trp

35 40 45

Glu Glu Gly Gly
50

<210> 2329
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T909I"

<400> 2329
Ala Leu Ala Ser Ile Pro Pro Val Ala Glu Gly Lys Ala His Pro Pro
1 5 10 15

Thr Gln Ile Leu Asn Arg Glu Arg Glu Ile Ile Val Pro Val Glu Leu
20 25 30

Glu Pro Lys Arg Thr Ile Gln Ser Leu Lys Glu Lys Thr Glu Lys Val
35 40 45

Lys Asp Pro Lys
50

<210> 2330
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A153del"

<400> 2330
Val Ala Asp Glu Asp Asn Ser Glu Ile Ser Asp Ser Glu Asp Asp Ser
1 5 10 15

Cys Lys Ser Lys Thr Ala Ala Ala Ala Asp Val Asn Gly Phe Lys Pro
20 25 30

Leu Ser Gly Asn Glu Gln Leu Lys Asn Asn Gly Asn Ser Thr Ser Leu

```
        35                  40                  45

Pro Leu Ser Arg Lys
    50


<210> 2331
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R44fs"

<400> 2331
Thr Ser Gly Met Asp Leu Leu His Pro Ser Val Gly Tyr Pro Gly Pro
1               5                   10                  15


Trp Ala Ser Cys Pro Ala Ala Thr Pro Gly Asn Ser Ala Gly Arg Gly
            20                  25                  30


Arg Arg Ser Leu Gly Arg Ser
        35


<210> 2332
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.E122K"

<400> 2332
Gly Thr Ile Glu Tyr Thr Val Glu Ser Arg Asp Ser Leu Asn Ser Ile
1               5                   10                  15


Ala Leu Lys Phe Asp Thr Thr Pro Asn Lys Lys Leu Val Gln Leu Asn
            20                  25                  30


Lys Leu Phe Ser Arg Ala Val Val Thr Gly Gln Val Leu Tyr Val Pro
        35                  40                  45


Asp Pro Glu Tyr
```

50

<210> 2333
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R20fs"

<400> 2333
Met Ala Arg Arg Phe Gln Glu Glu Leu Ala Ala Phe Leu Phe Glu Tyr
1 5 10 15

Asp Thr Pro Ala Trp Cys Trp Cys Val Ile Arg Arg Trp Ala Leu Ser
20 25 30

Ser Asp

<210> 2334
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P142Q"

<400> 2334
Arg Leu Cys Pro Glu Tyr Pro Thr Arg Arg Thr Leu Cys Ser Ser Asp
1 5 10 15

Arg Gly Cys Lys Lys Gly Trp Met Asp Gln Gln Gln Ser Lys Gly Ile
20 25 30

Gln Thr Gly Arg Cys Val Val Tyr Glu Gly Asn Gln Lys Thr Cys Glu
35 40 45

Val Ser Ala Trp
50

<210> 2335

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y408F"

<400> 2335
Met Gln Arg Met Ala Ser Val Arg Ala Val Pro Asn Pro Val Ile Asn
1 5 10 15

Pro Tyr Gln Pro Ala Pro Pro Ser Gly Phe Phe Phe Met Ala Ala Ile
20 25 30

Pro Gln Thr Gln Asn Arg Ala Ala Tyr Tyr Pro Pro Ser Gln Ile Ala
35 40 45

Gln Leu Arg Pro
50

<210> 2336
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R94C"

<400> 2336
Leu Asp Thr Met Asn Phe Asp Val Ile Lys Gly Lys Pro Val Arg Ile
1 5 10 15

Met Trp Ser Gln Arg Asp Pro Ser Leu Cys Cys Lys Ser Gly Val Gly
20 25 30

Asn Ile Phe Ile Lys Asn Leu Asp Lys Ser Ile Asp Asn Lys Ala Leu
35 40 45

Tyr Asp Thr Phe
50

<210> 2337

<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E156fs"

<400> 2337
Asp Glu Asn Gly Ser Lys Gly Tyr Gly Phe Val His Phe Glu Thr Gln
1 5 10 15

Glu Ala Ala Glu Arg Ala Ile Glu Lys Asn Glu Trp Asn Ala Pro Lys
20 25 30

<210> 2338
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A181T"

<400> 2338
Glu Lys Met Asn Gly Met Leu Leu Asn Asp Arg Lys Val Phe Val Gly
1 5 10 15

Arg Phe Lys Ser Arg Lys Glu Arg Glu Thr Thr Glu Leu Gly Ala Arg
20 25 30

Ala Lys Glu Phe Thr Asn Val Tyr Ile Lys Asn Phe Gly Glu Asp Met
35 40 45

Asp Asp Glu Arg
50

<210> 2339
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K254fs"

<400> 2339
Lys Ser Lys Gly Phe Gly Phe Val Ser Phe Glu Arg His Glu Asp Ala
1   5   10   15

Gln Lys Ala Val Asp Glu Met Asn Gly Asn Gly Ala Gln Trp Lys Thr
            20   25   30

Asn Leu Cys Trp Ser Ser Ser Glu Lys Gly Gly Thr Ala Asp Gly Thr
        35   40   45

<210> 2340
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K333fs"

<400> 2340
Leu Arg Lys Glu Phe Ser Pro Phe Gly Thr Ile Thr Ser Ala Lys Val
1   5   10   15

Met Met Glu Gly Gly Arg Ser Lys Gly Leu Val Leu Tyr Val Ser Pro
            20   25   30

Pro Gln Lys Lys Pro Leu Lys Gln Leu Gln Lys
        35   40

<210> 2341
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V325fs"

<400> 2341
Leu Asp Asp Gly Ile Asp Asp Glu Arg Leu Arg Lys Ala Phe Ser Pro

1 5 10 15

Phe Gly Thr Ile Thr Ser Ala Lys Val Gly Arg Trp Ser Gln Gln Arg
20 25 30

Val Trp Phe Cys Met Phe Leu Leu Pro Arg Arg Ser His
35 40 45

<210> 2342
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K333fs"

<400> 2342
Leu Arg Lys Ala Phe Ser Pro Phe Gly Thr Ile Thr Ser Ala Lys Val
1 5 10 15

Met Met Glu Gly Gly Arg Ser Lys Gly Leu Val Leu Tyr Val Ser Pro
20 25 30

Pro Gln Lys Lys Pro Leu Lys Gln Leu Gln Lys
35 40

<210> 2343
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E359K"

<400> 2343
Ala Val Glu Ser Thr Ser Gln Ala Gly Asp Arg Gly Ser Val Ser Ser
1 5 10 15

Tyr Asp Arg Gly Gln Pro Tyr Ala Thr Lys Lys Trp Ser Asp Asp Glu
20 25 30

Ser Gly Asn Pro Phe Gly Gly Ser Glu Thr Asn Gly Gly Ala Asn Pro

35 40 45

Phe Glu Asp Asp
50

<210> 2344
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q331H"

<400> 2344
Ala Asp Leu Asn Arg Thr Leu Ser Arg Arg Glu Lys Lys Lys Ala Thr
1 5 10 15

Asp Gly Val Thr Leu Thr Gly Ile Asn His His Thr Gly Asp Gln Ser
20 25 30

Leu Pro Ser Lys Pro Ser Ser Thr Leu Asn Val Pro Ser Asn Pro Ala
35 40 45

Gln Ser Ala Gln
50

<210> 2345
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T114P"

<400> 2345
Ser Ser Asp Lys Val Thr Val Asn Tyr Tyr Asp Glu Glu Gly Ser Ile
1 5 10 15

Pro Ile Asp Gln Ala Gly Leu Phe Leu Pro Pro Ala Ile Glu Ile Ser
20 25 30

Leu Asp Val Asp Ala Asp Arg Asp Gly Val Val Glu Lys Asn Asn Pro

```
        35                  40                  45

Lys Lys Ala Ser
    50
```

<210> 2346
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K302fs"

<400> 2346

```
Val Glu Cys Ile Ser Trp Ala Pro Glu Ser Ser Tyr Ser Ser Ile Ser
1               5                   10                  15

Glu Ala Thr Gly Ser Glu Thr Lys Lys Val Val Asn Leu Gly His Ser
            20                  25                  30

Cys Cys Leu Asp Pro Glu Thr Arg Leu Leu Arg Cys Gly Met Ser Val
        35                  40                  45

Leu Ala Cys Ala Leu
    50
```

<210> 2347
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N280fs"

<400> 2347

```
Asp Ser Gly Ser Ser Gln His Leu Glu His Ile Pro Pro Lys Gly Ser
1               5                   10                  15

Ser Glu Leu Thr Thr His Asp Leu Lys Thr Leu Asp Leu Leu His Leu
            20                  25                  30
```

<210> 2348

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A996T"

<400> 2348
Asp Ser Ala His Lys Met Leu Val Arg Glu Asn Gly Val His Ser Leu
1 5 10 15

Ile Ile Glu Pro Val Thr Ser Arg Asp Thr Thr Gly Ile Tyr Thr Cys
20 25 30

Ile Ala Thr Asn Arg Ala Gly Gln Asn Ser Phe Ser Leu Glu Leu Val
35 40 45

Val Ala Ala Lys
50

<210> 2349
<211> 58
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.1075_1076insEA"

<400> 2349
Lys Ala Val Ser Lys Thr Ser Arg Asp Gly Ala Glu Gln Gln Gly Pro
1 5 10 15

Glu Ala Thr Val Glu Glu Ala Glu Ala Glu Ala Glu Ala Ala Ala Phe
20 25 30

Gly Ser Glu Lys Pro Gln Ser Met Phe Glu Pro Pro Gln Val Ser Ser
35 40 45

Pro Val Gln Glu Lys Arg Asp Val Leu Pro
50 55

<210> 2350

<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G1118fs"

<400> 2350
Val Gln Glu Lys Arg Asp Val Leu Pro Lys Ile Leu Pro Ala Glu Asp
1 5 10 15

Arg Ala Leu Arg Glu Arg Gly Pro Pro Pro Ala Thr Ala Ser Cys Ala
20 25 30

Ala Gln Trp Pro Asp
35

<210> 2351
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A299T"

<400> 2351
Lys Leu Glu Met Val His Lys Ser Arg Lys Asp His Ser Ser Gly Asn
1 5 10 15

Pro Gly Gln Gln Ala Gln Ala Pro Ser Thr Thr Ala Gly Pro Glu Ala
20 25 30

Asn Leu Asp Gln Pro Val Thr Met Ile Phe Met Gly Tyr Gln Asn Ile
35 40 45

Glu Asp Glu Glu
50

<210> 2352
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G101fs"

<400> 2352
Cys Asp Ser Cys Leu Ile His Pro Gly Cys Thr Ile Phe Glu Asn Cys
1 5 10 15

Lys Ser Cys Arg Asn Gly Ser Trp Gly Val Pro Trp Met Thr Ser Met
20 25 30

<210> 2353
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K400fs"

<400> 2353
Asp Ser Val Gly Phe Asn Gly Lys Pro Glu Cys Tyr Tyr Phe Glu Asn
1 5 10 15

Pro Thr Asn Pro Glu Leu Cys Gln Lys Ser Arg Thr Ala Leu Ile Thr
20 25 30

His Thr Leu Cys Cys Trp Leu Thr Trp Ala Gln Val Ser Ala Phe
35 40 45

<210> 2354
<211> 55
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T417fs"

<400> 2354
Val Ser Ile Leu Ala Val Tyr Ser Lys Asp Asn Tyr Lys Arg Val Thr

1 5 10 15

Gly Thr Ser Leu Gly Gly Gly Thr Phe Leu Val Ser Ala Val Phe Leu
20 25 30

Leu Ala Val Pro Leu Leu Lys Lys Leu Leu Lys Trp His Leu Val Glu
35 40 45

Ile Ala Pro Lys Trp Ile Asn
50 55

<210> 2355
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G126A"

<400> 2355
Ala Ala Glu Glu Ala Arg Arg Asn Pro Thr Leu Gly Gly Leu Leu Gly
1 5 10 15

Arg Gln Arg Leu Leu Leu Arg Met Gly Ala Ala Gly Arg Leu Gly Ala
20 25 30

Pro Met Glu Arg His Gly Arg Ala Ser Ala Thr Ser Val Ser Ser Ala
35 40 45

Gly Glu Gln Ala
50

<210> 2356
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R260I"

<400> 2356
Leu Glu Met Ala Ser Lys Gly Asp Ser Thr Gln Ala Asp Lys Leu Val

1 5 10 15

Arg Asp Ile Tyr Gly Gly Asp Tyr Glu Ile Ile Phe Gly Leu Pro Gly
20 25 30

Trp Ala Val Ala Ser Ser Phe Gly Asn Met Ile Tyr Lys Glu Lys Arg
35 40 45

Glu Ser Val Ser
50

<210> 2357
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H107Y"

<400> 2357
Gln Leu Ala Ala Glu Tyr Gly Leu Leu Gly Glu Lys Glu Leu Ser Gln
1 5 10 15

Glu Asn Gln Leu Val Glu Thr Gly Gly Tyr Tyr Val Gly Leu Pro Ser
20 25 30

Val Ser Tyr Ala Ser Ser Gly Ala Ser Val Ser Leu Gln Leu Val Ala
35 40 45

Glu Met Ala Thr
50

<210> 2358
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C225fs"

<400> 2358
Ser Leu Asn Gly Phe Gly Thr Arg Ser Ser Asp Gly Asp Leu Cys Leu

1 5 10 15

Val Val Lys Glu Glu Pro Cys Phe Phe Ser Gly Lys Ser Glu Asp
20 25 30

<210> 2359
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P917T"

<400> 2359
Gln Tyr Val His Thr Ala Ser Ser Arg Arg Val Cys Asp Ser Ser Gly
1 5 10 15

Tyr Trp Thr Pro Glu Glu Ala Val Gly Thr Thr Pro Asp Val Asp Gln
20 25 30

Pro Cys Glu Pro Ser Leu Gln Ala Trp Ser Pro Glu Val His Leu Tyr
35 40 45

His Met Asn Met
50

<210> 2360
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.I1683fs"

<400> 2360
Asn Ser Val Glu Tyr Lys Cys Glu Gln Gly Tyr Gly Ile Gly Ala Val
1 5 10 15

Cys Ser Pro Leu Cys Val Ile Pro Pro Val Thr Pro
20 25

<210> 2361

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P1706H"

<400> 2361
Cys Val Ile Pro Pro Ser Asp Pro Val Met Leu Pro Glu Asn Ile Thr
1 5 10 15

Ala Asp Thr Leu Glu His Trp Met Glu His His Val Lys Val Gln Ser
20 25 30

Ile Val Cys Thr Gly Arg Arg Gln Trp His Pro Asp Pro Val Leu Val
35 40 45

His Cys Ile Gln
50

<210> 2362
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G84fs"

<400> 2362
Thr Asp Ala His Gly Asp Leu Leu Pro Leu Thr Asn Asp Asp Ser Leu
1 5 10 15

His Arg Ala Leu Ala Ser Gly Pro Pro Ala Thr Ala Pro Thr Gly Ala
20 25 30

Glu Ala Gly Arg Ser
35

<210> 2363
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A584T"

<400> 2363
Lys Tyr Asn Val Ala Tyr Ser Lys Lys Trp Asp Phe Thr Ala Leu Ile
1 5 10 15

Asp Phe Trp Asp Lys Val Leu Glu Glu Thr Thr Glu Ala Gln His Leu
20 25 30

Tyr Gln Ser Ile Leu Pro Asp Met Val Lys Ile Ala Leu Cys Leu Pro
35 40 45

Asn Ile Cys Thr
50

<210> 2364
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K461fs"

<400> 2364
Pro Ser Leu Lys Thr Val Lys Val Val Ile Phe Gln Pro Glu Leu Leu
1 5 10 15

Asn Ile Phe Tyr Asp Ser Met Lys Lys Glu Thr Ser Leu His His
20 25 30

<210> 2365
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.K847fs"

<400> 2365
Ser Ser Leu Asp Ser Ser Gly Phe Ser Leu His Ile Gly Leu Ser Ala
1   5   10   15

Ala Tyr Leu Pro Arg Met Trp Val Glu Asn Ile Gln Lys Lys Lys Ala
            20   25   30

Arg Leu Ala Cys Leu Ser Phe Asn Pro Ile Ser Met Ser Thr Ser Leu
        35   40   45

Thr

<210> 2366
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A236del"

<400> 2366
Ser Ser Gln Gly Gln Arg Gly His Thr Ser Met Lys Ala Val Tyr Val
1   5   10   15

Glu Pro Ala Ala Ala Ala Ala Ala Ala Ile Ser Asp Asp Gln Ile Asp
            20   25   30

Ile Ala Glu Val Glu Gln Tyr Gly Pro Gln Glu Asn Val His Met Phe
        35   40   45

Val Asp Ser Asp Ser
    50

<210> 2367
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.T62I"

<400> 2367
Pro Ser Arg Ser Phe Ser Ser Ala His Arg His Leu Ser Arg Arg Asn
1   5   10   15

Gly Leu Ser Arg Leu Cys Gln Ser Arg Ile Ile Ala Leu Ser Glu Asp
            20   25   30

Arg Trp Ser Ser Tyr Cys Leu Ser Ser Leu Ala Ala Gln Asn Ile Cys
        35   40   45

Thr Ser Lys Leu
    50

<210> 2368
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P395fs"

<400> 2368
Tyr Ser His Pro Gln Tyr Thr Ala Tyr Asn Glu Ala Trp Arg Phe Ser
1   5   10   15

Asn Pro Ala Leu Leu Met Pro Pro Pro Val Arg Pro Cys Arg Cys Cys
            20   25   30

Arg Cys Leu
        35

<210> 2369
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T424M"

<400> 2369
His Gly Gly Val Pro His Gln Pro Gln Thr Asp Tyr Ala Leu Ser Pro

1 5 10 15

Leu Thr Gly Gly Leu Glu Pro Thr Thr Met Met Val Ser Ala Ser Cys
20 25 30

Ser Gln Arg Leu Asp His Met Lys Ser Leu Asp Ser Leu Pro Thr Ser
35 40 45

Gln Ser Tyr Cys
50

<210> 2370
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S197L"

<400> 2370
Leu Glu Arg Lys Glu Ala Glu Glu Ser Glu Lys Lys Ala Lys His Ser
1 5 10 15

Ile Asp Gly Ile Leu Ser Glu Arg Ala Leu Leu Ala Pro Gln Ser Asp
20 25 30

Glu Gly Ser Asp Ile Asp Ser Glu Pro Asp Leu Pro Leu Lys Arg Lys
35 40 45

Gln Arg Arg Ser
50

<210> 2371
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P375fs"

<400> 2371
Gln Thr Ser Ser Tyr Ser Cys Met Leu Pro Thr Ser Pro Ser Val Asn

1 5 10 15

Gly Arg Ser Tyr Asp Thr Tyr Thr Pro His Ile Cys Arg His Thr
20 25 30

<210> 2372
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P55Q"

<400> 2372
Leu Asp Glu Asp Met His Gln Lys Ile Ala Arg Glu Met Asn Leu Ser
1 5 10 15

Glu Thr Ala Phe Ile Arg Lys Leu His Gln Gln Thr Asp Asn Phe Ala
20 25 30

Gln Ser Ser Cys Phe Gly Leu Arg Trp Phe Thr Pro Ala Ser Glu Val
35 40 45

Pro Leu Cys Gly
50

<210> 2373
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E70K"

<400> 2373
Pro Gly Gly Arg Gly Lys Gln Asp Ile Gly Asp Ile Leu Gln Gln Ile
1 5 10 15

Met Thr Ile Thr Asp Gln Ser Leu Asp Lys Lys Ala Gln Ala Lys Lys
20 25 30

His Ala Leu Asn Cys His Arg Met Lys Pro Ala Leu Phe Ser Val Leu

35 40 45

Cys Glu Ile Lys
50

<210> 2374
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y262F"

<400> 2374
Leu Arg Ser Arg Phe Leu Asp Ala Arg Arg Lys Arg Arg Asn Phe Ser
1 5 10 15

Lys Gln Ala Thr Glu Val Leu Asn Glu Phe Phe Phe Tyr Ser His Leu
20 25 30

Ser Asn Pro Tyr Pro Ser Glu Glu Ala Lys Glu Glu Leu Ala Lys Lys
35 40 45

Cys Gly Ile Thr
50

<210> 2375
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.H729del"

<400> 2375
Lys Lys Asp Lys His Ser Gln Ser Pro Arg Ala Ala Gly Pro Arg Glu
1 5 10 15

Gly His Ser His Ser His His His His Arg Gly
20 25

<210> 2376

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L102Q"

<400> 2376
Asp Lys Leu Glu Glu Asp Ile Asn Ser Ser Met Thr Asn Ser Thr Ala
1 5 10 15

Ala Ser Arg Pro Pro Val Thr Leu Arg Gln Gln Val Val Pro Ala Thr
20 25 30

Gln Cys Gly Ser Leu Ile Gly Lys Gly Gly Cys Lys Ile Lys Glu Ile
35 40 45

Arg Glu Ser Thr
50

<210> 2377
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R230H"

<400> 2377
Ala Val Arg Ile Ala Arg Glu Ile Gly Tyr Pro Val Met Ile Lys Ala
1 5 10 15

Ser Ala Gly Gly Gly Gly Lys Gly Met His His Ile Ala Trp Asp Asp
20 25 30

Glu Glu Thr Arg Asp Gly Phe Arg Leu Ser Ser Gln Glu Ala Ala Ser
35 40 45

Ser Phe Gly Asp
50

<210> 2378

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V477M"

<400> 2378
Gln Val Ser Asp Val Asn Asp Asn Ala Pro Arg Phe Ser Gln Pro Val
1 5 10 15

Tyr Asp Val Tyr Val Thr Glu Asn Asn Met Met Pro Gly Ala Tyr Ile
20 25 30

Tyr Ala Val Ser Ala Thr Asp Arg Asp Glu Gly Ala Asn Ala Gln Leu
35 40 45

Ala Tyr Ser Ile
50

<210> 2379
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R587S"

<400> 2379
Ile Leu Ile Val Asp Gln Asn Asp Asn Ala Pro Ala Ile Val Ala Pro
1 5 10 15

Leu Pro Gly Arg Asn Gly Thr Pro Ala Ser Ser Glu Val Leu Pro Arg
20 25 30

Ser Ala Glu Pro Gly Tyr Leu Leu Thr Arg Val Ala Ala Val Asp Ala
35 40 45

Asp Asp Gly Glu
50

<210> 2380

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V986L"

<400> 2380
Ser Asp Gly Arg Gln Ala Ala Asp Tyr Arg Ser Asn Leu His Val Pro
1 5 10 15

Gly Met Asp Ser Val Pro Asp Thr Glu Leu Leu Phe Glu Thr Pro Glu
20 25 30

Ala Gln Pro Gly Ala Glu Arg Ser Phe Ser Thr Phe Gly Lys Glu Lys
35 40 45

Ala Leu His Ser
50

<210> 2381
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N118fs"

<400> 2381
Glu Val Phe Leu Glu Asn Pro Leu Glu Leu Phe Gln Val Glu Ile Glu
1 5 10 15

Val Leu Asp Ile Asn Asp Asn Pro Pro Leu Phe Pro Gly Ala Arg Pro
20 25 30

Asp Gly Gly Asn Leu
35

<210> 2382
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P225fs"

<400> 2382
Thr Ala Val Asp Gly Gly Gly Gly Gly Gly Val Gly Glu Gly Gly Gly
1 5 10 15

Gly Gly Gly Gly Ala Gly Leu Pro Pro Pro Ala Ala Ala His Arg His
20 25 30

Gly Pro Thr His His Pro Ser Ala Gly Leu Gln
35 40

<210> 2383
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T486M"

<400> 2383
Asp Asn Ala Pro Val Phe Thr Gln Ser Phe Val Thr Val Ser Ile Pro
1 5 10 15

Glu Asn Asn Ser Pro Gly Ile Gln Leu Met Met Lys Val Ser Ala Met
20 25 30

Asp Ala Asp Ser Gly Pro Asn Ala Lys Ile Asn Tyr Leu Leu Gly Pro
35 40 45

Asp Ala Pro Pro
50

<210> 2384
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1010I"

<400> 2384
Ser Ser Asp Pro Tyr Ser Val Ser Asp Cys Gly Tyr Pro Val Thr Thr
1   5   10   15

Phe Glu Val Pro Val Ser Val His Thr Ile Ile Pro Pro Met Lys Glu
            20   25   30

Val Val Arg Ser Cys Thr Pro Met Lys Glu Ser Thr Thr Met Glu Ile
        35   40   45

Trp Ile His Pro
    50

<210> 2385
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R1552I"

<400> 2385
Asp Asp Leu Ser Ala His Asn Pro Leu Tyr Lys Glu Asn Ile Ser Gln
1   5   10   15

Val Ser Thr Asn Ser Asp Ile Ser Gln Ile Ile Thr Asp Phe Val Asp
            20   25   30

Pro Phe Ser Pro Lys Ile Gln Ala Lys Ser Lys Ser Leu Arg Gly Pro
        35   40   45

Arg Glu Lys Ile
    50

<210> 2386
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.C1713F"

<400> 2386
Val Glu Leu Lys Ser Glu Pro Asn Val Ile Ser Ser Pro Ala Glu Cys
1   5   10   15

Ser Leu Glu Leu Ser Pro Ser Arg Pro Phe Phe Val Leu His Ser Ser
            20   25   30

Leu Ser Arg Arg Glu Thr Pro Ile Cys Met Leu Pro Ile Glu Thr Glu
        35   40   45

Arg Asn Ile Phe
    50

<210> 2387
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E530K"

<400> 2387
Tyr Val Ser Ile Asn Pro Asn Ser Gly Asp Ile Tyr Ala Leu Arg Ser
1   5   10   15

Phe Asn His Glu Gln Thr Lys Ala Phe Lys Lys Phe Lys Val Leu Ala
            20   25   30

Lys Asp Gly Gly Leu Pro Ser Leu Gln Ser Asn Ala Thr Val Arg Val
        35   40   45

Ile Ile Leu Asp
    50

<210> 2388
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R286C"

<400> 2388
Asn Ala Ser Asp Pro Asp Glu Gly Thr Asn Gly Gln Val Val Tyr Ser
1   5   10   15

Phe Tyr Gly Tyr Val Asn Asp Arg Thr Cys Cys Glu Leu Phe Gln Ile
            20   25   30

Asp Pro His Ser Gly Leu Val Thr Val Thr Gly Ala Leu Asp Tyr Glu
        35   40   45

Glu Gly His Val
    50

<210> 2389
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A519T"

<400> 2389
Leu Val Glu Arg Arg Val Gly Glu Arg Ala Leu Ser Asn Tyr Val Ser
1   5   10   15

Val His Ala Glu Ser Gly Lys Val Tyr Thr Thr Leu Gln Pro Leu Asp
            20   25   30

His Glu Glu Leu Glu Leu Leu Gln Phe Gln Val Ser Ala Arg Asp Ala
        35   40   45

Gly Val Pro Pro
    50

<210> 2390
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A736V"

<400> 2390
Ala Leu Ser Thr Val Ser Phe Ile Phe Leu Leu Thr Ile Ile Ile Leu
1   5   10   15

Ser Ile Ile Lys Cys Tyr Arg Tyr Thr Val Val Tyr Gly Thr Ala Cys
            20   25   30

Cys Gly Gly Phe Cys Gly Val Arg Glu Arg Ser Pro Ala Glu Leu Tyr
        35   40   45

Lys Gln Ala Asn
    50

<210> 2391
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A742V"

<400> 2391
Thr Ala Leu Arg Cys Ser Ala Ala Pro Thr Glu Gly Ala Cys Gly Pro
1   5   10   15

Val Lys Pro Thr Leu Val Cys Ser Ser Val Val Val Gly Ser Trp Ser
            20   25   30

Tyr Ser Gln Gln Arg Arg Gln Arg Val Cys Ser Gly Glu Gly Leu Pro
        35   40   45

Lys Ala Asp Leu
    50

<210> 2392
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K138N"

<400> 2392
Pro Leu Gln Val Phe His Val Asp Val Glu Val Lys Asp Ile Asn Asp
1   5   10   15

Asn Pro Pro Val Phe Pro Ala Thr Gln Asn Asn Asn Leu Phe Ile Ala
            20   25   30

Glu Ser Arg Pro Leu Asp Ser Arg Phe Pro Leu Glu Gly Ala Ser Asp
        35   40   45

Ala Asp Ile Gly
    50

<210> 2393
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A156V"

<400> 2393
Arg Phe Ser Arg Gln Glu Gln Arg Leu Phe Ile Leu Glu Ser Arg Met
1   5   10   15

Pro Asp Ser Arg Phe Pro Leu Glu Gly Val Val Ser Asp Leu Asp Ile
            20   25   30

Gly Ala Asn Ala Gln Leu Arg Tyr Arg Leu Asn Pro Asn Glu Tyr Phe
        35   40   45

Asp Leu Asp Val
    50

<210> 2394
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E190K"

<400> 2394
Asn Ala Leu Leu Ser Tyr Lys Leu Ser Ser Ser Glu Phe Phe Phe Leu
1   5   10   15

Asp Ile Gln Ala Asn Asp Glu Leu Ser Lys Lys Ser Leu Ser Leu Val
            20   25   30

Leu Gly Lys Ser Leu Asp Arg Glu Glu Thr Ala Glu Val Asn Leu Leu
        35   40   45

Leu Val Ala Thr
    50

<210> 2395
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A266T"

<400> 2395
Ala Phe Glu Arg Thr Ile Tyr Lys Val Arg Leu Leu Glu Asn Ala Pro
1   5   10   15

Asn Gly Thr Leu Val Val Thr Val Asn Thr Thr Thr Asp Leu Asp Glu
            20   25   30

Gly Val Asn Lys Asp Ile Ala Tyr Ser Phe Asn Thr Asp Met Ser Ala
        35   40   45

Asp Ile Leu Ser
    50

<210> 2396
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E271K"

<400> 2396
Ser Tyr Lys Val Val Leu Ser Glu Asn Val Gln Asn Asp Thr Arg Val
1   5   10   15

Ile Gln Leu Asn Ala Ser Asp Pro Asp Lys Lys Gly Leu Asn Gly Glu
            20   25   30

Ile Ser Tyr Gly Ile Lys Met Ile Leu Pro Val Ser Glu Lys Cys Met
        35   40   45

Phe Ser Ile Asn
    50

<210> 2397
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N568K"

<400> 2397
Ser Ser Gln Val Thr Val Arg Val Val Val Leu Asp Asp Asn Asp Asn
1   5   10   15

Arg Pro Met Ile Leu Tyr Pro Leu Gln Lys Lys Gly Thr Leu Pro Cys
            20   25   30

Asn Asp Leu Val Pro Arg Ser Ala Glu Ala Gly Tyr Leu Val Thr Lys
        35   40   45

Val Val Ala Val
    50

<210> 2398
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R289C"

<400> 2398
Val Ser Ala Trp Asp Leu Asp Ser Gly Thr Asn Ser Glu Leu Ser Tyr
1   5   10   15

Thr Phe Ser His Ala Ser Glu Asp Ile Cys Cys Lys Thr Phe Glu Ile
            20   25   30

Asn Gln Lys Ser Gly Asp Ile Thr Leu Thr Ala Pro Leu Asp Phe Glu
        35   40   45

Ala Ile Glu Ser
    50

<210> 2399
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P221L"

<400> 2399
Val Leu Asp Lys Ala Leu Asp Arg Glu Glu Glu Ala Glu Leu Arg Leu
1   5   10   15

Thr Leu Thr Ala Leu Asp Gly Gly Ser Leu Leu Pro Arg Ser Gly Thr
            20   25   30

Ala Gln Val Tyr Ile Glu Val Leu Asp Val Asn Asp Asn Ala Pro Glu
        35   40   45

Phe Glu Gln Pro
    50

<210> 2400
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P255F"

<400> 2400
Leu Ile Met Asp Ile Asn Asp Asn Ala Pro Glu Phe Val His Thr Pro
1   5   10   15

Tyr Gly Val Gln Val Leu Glu Asn Ser Phe Phe Leu Asp Ser Pro Ile
            20   25   30

Val Arg Val Leu Ala Arg Asp Ile Asp Ala Gly Asn Phe Gly Ser Val
        35   40   45

Ser Tyr Gly Leu Phe
    50

<210> 2401
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D51Y"

<400> 2401
Ala Gly Ser Glu Ala Val Arg Tyr Ser Ile Pro Glu Glu Thr Glu Ser
1   5   10   15

Gly Tyr Ser Val Ala Asn Leu Ala Lys Tyr Tyr Leu Gly Leu Gly Val
            20   25   30

Gly Glu Leu Ala Thr Arg Gly Ala Arg Met His Tyr Lys Gly Asn Lys
        35   40   45

Glu Leu Leu Gln
    50

<210> 2402
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P649S"

<400> 2402
Arg Thr Ala Arg Leu Leu Ser Glu Arg Asp Ala Ala Lys His Arg Leu
1   5   10   15

Val Val Leu Val Lys Asp Asn Gly Glu Ser Ser Pro Arg Ser Ala Thr
            20   25   30

Ala Thr Leu His Val Leu Leu Val Asp Gly Phe Ser Gln Pro Tyr Leu
        35   40   45

Pro Leu Pro Glu
    50

<210> 2403
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D235N"

<400> 2403
Arg Leu Thr Leu Thr Ala Leu Asp Gly Gly Ser Pro Pro Arg Ser Gly
1   5   10   15

Thr Ala Gln Val Tyr Ile Glu Val Val Asn Asn Val Asn Asp Asn Ala
            20   25   30

Pro Glu Phe Glu Gln Pro Phe Tyr Arg Val Gln Ile Ser Glu Asp Ser
        35   40   45

Pro Ile Ser Phe
    50

<210> 2404
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G599V"

<400> 2404
Gly Val Glu Leu Ala Pro Arg Ser Ala Glu Arg Gly Tyr Leu Val Thr
1   5   10   15

Lys Val Val Ala Val Asp Arg Asp Ser Val Val Gln Asn Ala Trp Leu
            20   25   30

Ser Tyr Arg Leu Leu Lys Ala Ser Glu Pro Gly Leu Phe Ser Val Gly
        35   40   45

Leu His Thr Gly
    50

<210> 2405
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V662M"

<400> 2405
Ala Leu Lys Gln Ser Leu Val Val Ala Val Gln Asp His Gly Gln Pro
1   5   10   15

Pro Leu Ser Ala Thr Val Thr Leu Thr Met Met Ala Val Ala Asp Ser
            20   25   30

Ile Pro Glu Val Leu Ala Asp Leu Gly Ser Leu Glu Pro Ser Asp Gly
        35   40   45

Pro Tyr Asn Tyr
    50

<210> 2406
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D664N"

<400> 2406
Arg Leu Leu Val Ala Val Arg Asp Gly Gly Gln Pro Pro Leu Ser Ala
1   5   10   15

Thr Ala Thr Leu His Leu Val Phe Ala Asn Asn Ser Leu Gln Glu Val
            20   25   30

Leu Pro Asp Ile Thr Asp Arg Pro Asp Pro Ser Asp Leu Gln Ala Glu
        35   40   45

Leu Gln Phe Tyr
    50

<210> 2407
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P684H"

<400> 2407
Thr Val Thr Val Ala Val Ala Asp Arg Ile Pro Asp Ile Leu Ala Asp
1   5   10   15

Leu Gly Ser Ile Lys Thr Pro Ile Asp His His Glu Asp Leu Asp Leu
            20   25   30

Thr Leu Tyr Leu Val Val Ala Val Ala Ala Val Ser Cys Val Phe Leu
        35   40   45

Ala Phe Val Ile
    50

<210> 2408
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A70T"

<400> 2408
Ser Val Val Gly Asn Leu Ala Lys Asp Leu Gly Leu Ser Val Leu Asp
1   5   10   15

Val Ser Ala Arg Lys Leu Arg Val Ser Thr Thr Glu Lys Leu His Phe
            20   25   30

Ser Val Asp Ala Glu Ser Gly Asp Leu Leu Val Lys Asn Arg Ile Asp
        35   40   45

Arg Glu Gln Ile
    50

<210> 2409
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K12N"

<400> 2409
Met Ala Ala Leu Gln Lys Leu Pro His Cys Arg Asn Asn Leu Val Leu
1   5   10   15

Leu Cys Phe Leu Leu Ala Thr Leu Trp Glu Ala Arg Ala Gly Gln Ile
            20   25   30

Arg Tyr Ser Val Arg Glu
        35

<210> 2410
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S289L"

<400> 2410
Leu Thr Ala Thr Asp Pro Asp Glu Gly Ile Asn Gly Lys Leu Thr Tyr
1   5   10   15

Ser Phe Arg Asn Glu Glu Glu Lys Ile Leu Leu Glu Thr Phe Gln Leu
            20   25   30

Asp Ser Asn Leu Gly Glu Ile Ser Thr Leu Gln Ser Leu Asp Tyr Glu
        35   40   45

Glu Ser Arg Phe
    50

<210> 2411
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R293C"

<400> 2411
Asp Pro Asp Glu Gly Ala Asn Gly Glu Val Thr Tyr Ser Phe His Asn
1   5   10   15

Val Asp His Arg Val Ala Gln Ile Phe Cys Cys Leu Asp Ser Tyr Thr
            20   25   30

Gly Glu Ile Ser Asn Lys Glu Pro Leu Asp Phe Glu Glu Tyr Lys Met
        35   40   45

Tyr Ser Met Glu
    50

<210> 2412
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.H63fs"

<400> 2412
Ser Cys Leu Val Lys Tyr Leu Glu Glu Asn Asn Thr Cys Pro Thr Cys
1   5   10   15

Arg Ile Val Ile His Gln Ser His Pro Cys Ser Thr Ser Val Met Thr
            20   25   30

Glu Pro Cys Lys Ile Leu Phe Thr Asn Trp Tyr Gln Ala Ser Lys Lys
        35   40   45

Arg Lys
    50

<210> 2413
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P3946T"

<400> 2413
Pro Tyr Gln Thr Gln Pro Thr Phe Gln Ala Val Ala Thr Met Ser Phe
1   5   10   15

Thr Pro Gln Val Gln Pro Thr Pro Thr Thr Thr Gln Pro Ser Tyr Gln
            20   25   30

Leu Pro Ser Gln Met Met Val Ile Gln Gln Lys Pro Arg Gln Thr Thr
        35   40   45

Leu Tyr Leu Glu
    50

<210> 2414
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R4133C"

<400> 2414
Val Lys Ala Glu Glu Asp Pro Met Glu Asp Pro Tyr Glu Leu Lys Leu
1   5   10   15

Leu Lys His Gln Ile Lys Gln Glu Phe Cys Cys Arg Gly Thr Glu Ser
            20   25   30

Leu Asp His Leu Ala Gly Leu Ser His Tyr Tyr His Ala Asp Thr Ser
        35   40   45

Tyr Arg His Phe
    50

<210> 2415
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R271M"

<400> 2415
Leu Ala Arg Ile Tyr Ile Arg Arg Thr Leu Arg Asn Phe Ile Asn Asp
1   5   10   15

Glu Met Gln Ala Lys Gly Ile Pro Gln Met Met Ala Pro Pro Lys Arg
            20   25   30

Lys Arg Lys Arg Val Lys Gln Arg Ile Asn Thr Tyr Val Phe Val Gly
        35   40   45

Asn Gln Leu Ile
    50

<210> 2416
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.V281A"

<400> 2416
Arg Asn Phe Ile Asn Asp Glu Met Gln Ala Lys Gly Ile Pro Gln Arg
1   5   10   15

Ala Pro Pro Lys Arg Lys Arg Lys Arg Ala Ala Lys Gln Arg Ile Asn
            20   25   30

Thr Tyr Val Phe Val Gly Asn Gln Leu Ile Pro Gln Pro Leu Asp Ser
        35   40   45

Glu Glu Asp Glu
    50

<210> 2417
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R135Q"

<400> 2417
Gly Glu His Ile Thr Asn His Arg Asn Pro Ser Asn Asn Arg Gln Ile
1   5   10   15

His Asn Gly Lys Lys Glu Glu Ala Ser Gln Gln Asn Leu Ser Thr Pro
            20   25   30

Pro Leu Arg Cys Ser Ser Arg Gly Gln Ser Ile Thr Ser His His Ser
        35   40   45

Ser Gly Pro Leu
    50

<210> 2418
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.A348V"

<400> 2418
Ile Thr Thr Ile Thr Arg Asp Gly Ser Leu His Ala Thr Val Ser Ile
1   5   10   15

Ile Asn Ile Tyr Lys Glu Gly Asn Leu Val Val Ile Gln Gln Ala Gly
            20   25   30

Lys Asn Met Ser Ala Arg Leu Thr Val Val Cys Lys Gln Cys Pro Leu
        35   40   45

Leu Arg Arg Gly
    50

<210> 2419
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R87H"

<400> 2419
Lys Ile Thr Val Pro Glu Gly Lys Val Val Val Leu Asn Phe Arg Phe
1   5   10   15

Ile Asp Leu Glu Ser Asp Asn Leu Cys His His Tyr Asp Phe Val Asp
            20   25   30

Val Tyr Asn Gly His Ala Asn Gly Gln Arg Ile Gly Arg Phe Cys Gly
        35   40   45

Thr Phe Arg Pro
    50

<210> 2420
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K64R"

<400> 2420
Asp Leu Thr Ala Pro Glu Thr Glu Lys Ala Ala Leu Ala Ile Gln Gly
1   5   10   15

Lys Phe Arg Arg Phe Gln Lys Arg Lys Arg Arg Asp Pro Ser Ser
            20   25   30

<210> 2421
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S417L"

<400> 2421
Met Met Thr Leu Glu Asp His Tyr His Ser Asp Val Ala Tyr His Asn
1   5   10   15

Ser Leu His Ala Ala Asp Val Ala Gln Leu Leu Thr His Val Leu Leu
            20   25   30

Ser Thr Pro Ala Leu Asp Ala Val Phe Thr Asp Leu Glu Ile Leu Ala
        35   40   45

Ala Ile Phe Ala
    50

<210> 2422
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E229K"

<400> 2422
Asn Val Tyr Ala Leu Lys Ala Thr Ser Glu Leu Asp Leu Glu Met Glu
1   5   10   15

Ala Leu Lys Thr Val Tyr Lys Ser Gly Lys Lys Thr Ile Val Val Thr

20 25 30

Cys Ala Val Phe Asn Asn Glu Val Val Asp Leu Gln Trp Thr Tyr Pro
35 40 45

Gly Glu Val Lys
50

<210> 2423
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S650L"

<400> 2423
Ser Gln Ala Thr Met Lys Val Ala Val Lys Met Leu Lys Ser Thr Ala
1 5 10 15

Arg Ser Ser Glu Lys Gln Ala Leu Met Leu Leu Glu Leu Lys Ile Met
20 25 30

Ser His Leu Gly Pro His Leu Asn Val Val Asn Leu Leu Gly Ala Cys
35 40 45

Thr Lys Gly Gly
50

<210> 2424
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N56K"

<400> 2424
Pro Cys Ser Pro Thr Ser Pro Ala His Ser Leu Ser Arg Lys Ser Pro
1 5 10 15

Ile Met Tyr Pro Ser Thr Thr Met Ala Lys Lys Ala Pro Gly Leu Val

20 25 30

Ser Cys Thr Phe Phe Leu Ala Val Asn Gly Leu Tyr Ser Ser Ser Asp
35 40 45

Asp Val Ile Glu
50

<210> 2425
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E500K"

<400> 2425
Leu Tyr Lys Gly Glu His Thr Leu Lys Gly Phe Ser Asp Phe Leu Glu
1 5 10 15

Ser His Ile Lys Thr Lys Ile Glu Asp Lys Lys Asp Glu Leu Leu Ser
20 25 30

Val Glu Gln Asn Glu Val Ile Glu Glu Glu Val Leu Ala Glu Glu Lys
35 40 45

Glu Val Pro Met
50

<210> 2426
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G793W"

<400> 2426
Thr Met Phe Ile Leu Asp Asp His Asp Ser Asp Leu Asp Leu Trp Pro
1 5 10 15

Trp Trp Gly Glu Pro Ile Tyr Arg Asn Trp Trp Gln Tyr Val Gly Lys

20 25 30

Thr Thr Ser Ser Ala Tyr Ser Tyr Ser Leu Glu Arg His Val Cys Leu
35 40 45

Gly Phe Val His
50

<210> 2427
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L1309F"

<400> 2427
Lys Asn Asp Asp Leu Asn Lys Pro Ile Asn Lys Gly Arg Lys Arg Ala
1 5 10 15

Ala Val Gly Gln Glu Ser Pro Gly Gly Phe Phe Glu Ala Gly Asn Ala
20 25 30

Lys Ala Pro Lys Leu Gln Asp Leu Ala Lys Lys Ala Ala Pro Ala Glu
35 40 45

Arg Gln Ile Asp
50

<210> 2428
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G191W"

<400> 2428
Glu Asp Pro Lys Glu Gln Val Lys Arg Tyr Gly Gly Phe Leu Arg Lys
1 5 10 15

Tyr Pro Lys Arg Ser Ser Glu Val Ala Trp Trp Glu Gly Asp Gly Asp

20 25 30

Ser Met Gly His Glu Asp Leu Tyr Lys Arg Tyr Gly Gly Phe Leu Arg
35 40 45

Arg Ile Arg Pro
50

<210> 2429
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R565S"

<400> 2429
Arg Lys His Ser Leu Pro Gln Leu Leu Asp Ser Ser Ser Ala Ser Gln
1 5 10 15

Glu Tyr His Ile Val Lys Lys Ser Thr Ser Ser Ser Leu Ser Thr Thr
20 25 30

Gln Val Glu Ser Pro Trp Arg Leu Ile Arg Pro Ser Val Ile Ser Ile
35 40 45

Ile Gly Leu Tyr
50

<210> 2430
<211> 62
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R101fs"

<400> 2430
Asp Thr Glu Thr Val Gly Leu Ser Phe Gly Asn Ile Pro Val Phe Gly
1 5 10 15

Asp Tyr Gly Glu Lys Arg Arg Gly Gly Gln Glu Glu Glu Asn Pro Pro

20 25 30

Gly Ser Cys Ala Gly Cys Gly Leu His Leu Gly Asp Arg Ala Glu Glu
35 40 45

Glu Gln Pro Ser Arg Glu Glu Trp Glu Gly Pro Thr Ala Gly
50 55 60

<210> 2431
<211> 97
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G197fs"

<400> 2431
Ala Lys Trp Lys Asn Pro Asp Gly His Met Asp Gly Leu Thr Thr Asn
1 5 10 15

Gly Val Leu Val Met His Pro Arg Gly Ala Ser Pro Arg Ser Pro Ser
20 25 30

Pro Gly Ser Gly Ala Arg Ser Leu Ser Val Glu Met Cys Thr Pro Cys
35 40 45

Glu Lys Pro Gly Arg Pro Ser Asn Glu Glu Ser Trp Trp Lys Val Arg
50 55 60

Pro Thr Ser Cys Arg Thr Ala Pro Ser Leu Thr Cys Val Gly Pro Leu
65 70 75 80

Ser Ser Gly Glu Gln Gln Met Gly Phe Phe Ile Leu Gln Leu Arg Ser
85 90 95

Thr

<210> 2432
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I370fs"

<400> 2432
Gln Ser Lys Thr Lys Gln Asn Val Leu Ser Pro Glu Lys Glu Lys Gln
1   5   10   15

Met Ser Glu Pro Leu Asp Gln Lys Lys Leu Gly Gln Ile Ile Met Lys
            20   25   30

Lys Met Arg Arg Pro Val Cys Tyr Lys
        35   40

<210> 2433
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R118S"

<400> 2433
Thr Ser Gly Gly Asp Ala Gln Gly Met Asn Ala Ala Val Arg Ala Val
1   5   10   15

Val Arg Val Gly Ile Phe Thr Gly Ala Ser Ser Val Phe Phe Val His
            20   25   30

Glu Gly Tyr Gln Gly Leu Val Asp Gly Gly Asp His Ile Lys Glu Ala
        35   40   45

Thr Trp Glu Ser
    50

<210> 2434
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.M593fs"

<400> 2434
Ser Gly Thr Lys Arg Arg Val Phe Ile Ile Glu Thr Met Gly Gly Tyr
1   5   10   15

Cys Gly Tyr Leu Ala Asn Met Gly Gly Ser Arg Pro Glu Leu Met Pro
            20   25   30

His Thr Phe Ser Lys Ser Pro Ser Thr Ser Gly Ile Cys Ser Pro Thr
        35   40   45

Trp Ser Thr
    50

<210> 2435
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R240H"

<400> 2435
Pro Ile Val Tyr Glu Leu Asp Lys Asn Leu Lys Pro Ile Lys Pro Met
1   5   10   15

Gln Phe Leu Gly Asp Glu Glu Thr Val His His Lys Ala Met Glu Ala
            20   25   30

Val Ala Ala Gln Gly Lys Ala Lys Lys
        35   40

<210> 2436
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F565C"

<400> 2436
Gln Ala Pro Ser Ser Thr Glu Ile Ser Leu Lys Leu His Ile Ala Gln

1 5 10 15

Pro Glu Asn Asn Thr His Val Ala Leu Cys Cys Lys Met Tyr Thr Ser
20 25 30

Ser Asp Cys Arg Tyr Glu Val Thr Val Lys Thr Ser Phe Ser Gln Ile
35 40 45

Leu Gly Gln Val
50

<210> 2437
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G426fs"

<400> 2437
Val Trp Leu Ser Ile Ile Ala Ala Arg Lys Gln Ser Val Glu Glu Ile
1 5 10 15

Val Arg Asp His Trp Ala Lys Phe Gly Pro Pro Leu Leu Leu Gln Val
20 25 30

<210> 2438
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I98V"

<400> 2438
Arg Thr Ala Ile Glu Ile Val Val Gln Met Ala Ala Ala Asn Gly Ile
1 5 10 15

Gly Arg Leu Ile Ile Gly Gln Asn Gly Val Val Leu Ser Thr Pro Ala
20 25 30

Val Ser Cys Ile Ile Arg Lys Ile Lys Ala Ala Gly Gly Ile Ile Leu

35 40 45

Thr Ala Ser His
50

<210> 2439
<211> 65
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R164fs"

<400> 2439
Lys Gly Cys Ala Ala Leu Ile His Val Pro Pro Leu Ser Arg Gly Leu
1 5 10 15

Pro Ala Ser Leu Leu Gly Arg Ala Leu Lys Ser His His Pro Gly Asn
20 25 30

Ala Gly Arg Gly Gly Lys Ala Gln Ala Gln Ser Pro Val Arg Arg Lys
35 40 45

Leu Asn His Gly Pro Ser Ser Gln Arg Glu Leu Thr Gly Gly Leu Leu
50 55 60

Leu
65

<210> 2440
<211> 102
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V251fs"

<400> 2440
Leu Pro Cys Leu Pro Val Lys Leu Ser Pro Pro Leu Pro Pro Lys Lys
1 5 10 15

Val Met Ile Cys Met Pro Val Gly Gly Ala Arg Pro Leu Thr Gly Val

20 25 30

Leu His Ser Pro Glu Glu Trp Pro Ala Gly Cys Gly Pro Ala Pro Pro
35 40 45

His Cys Pro Ala Leu Pro Asp Pro Ala Pro Ala Ala Val Arg Gln Pro
50 55 60

Arg Pro Ala Pro Pro Leu His His Arg Leu Pro Pro His Ala Pro Leu
65 70 75 80

Gly Leu Gln Asn Asp Arg Arg Ala Gln Gln Asn Ala Gly His Asp His
85 90 95

Ala Glu Ala Gly Lys Leu
100

<210> 2441
<211> 83
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V251fs"

<400> 2441
Leu Pro Cys Leu Pro Val Lys Leu Ser Pro Pro Leu Pro Pro Lys Lys
1 5 10 15

Val Met Ile Cys Met Pro Val Gly Gly Gln Thr Ser His Trp Cys Pro
20 25 30

Thr Gln Pro Arg Arg Val Ala Ser Arg Val Trp Pro Ser Thr Thr Thr
35 40 45

Leu Ser Cys Pro Pro Arg Ser Ser Thr Ser Cys Ser Thr Ala Ala Thr
50 55 60

Ala Ser Thr Ser Pro Pro Pro Pro Ala Pro Ser Pro Cys Thr Pro Arg
65 70 75 80

Ala Ala Glu

<210> 2442

<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.S237fs"

<400> 2442
Ala Pro Val Pro Pro Pro Lys Pro Ala Ser Arg Asn Thr Thr Arg Glu
1 5 10 15

Ala Ala Gly Ser Ser His Ser Lys Lys Asn Asn Trp Leu
20 25

<210> 2443
<211> 57
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S354fs"

<400> 2443
Asp Glu Arg Glu Lys Ser Thr Cys Ser Met Gly Ser Glu Leu Leu Pro
1 5 10 15

Met Ile Ser Pro Arg Ser Pro Ser Pro His Cys Leu Leu Ile Tyr Leu
20 25 30

Gln Ser Leu His Ala Pro Leu His Ser Leu Leu Arg Leu Phe Lys Leu
35 40 45

Cys Gln Lys Leu Ser Phe His His Pro
50 55

<210> 2444
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T35del"

<400> 2444
Ser Thr Ala Met Asp Thr Glu Pro Asn Pro Gly Thr Ser Ser Val Ser
1   5   10   15

Thr Thr Thr Ser Ser Thr Thr Thr Thr Ile Thr Thr Ser Ser Ser Arg
            20   25   30

Met Gln Gln Pro Gln Ile Ser Val Tyr Ser Gly Ser Asp Arg His Ala
        35   40   45

Val Gln Val Ile Gln
    50

<210> 2445
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G173L"

<400> 2445
Leu Gly Ile Leu Gly Leu Gly Arg Ile Gly Arg Glu Val Ala Thr Arg
1   5   10   15

Met Gln Ser Phe Gly Met Lys Thr Ile Leu Leu Tyr Asp Pro Ile Ile
            20   25   30

Ser Pro Glu Val Ser Ala Ser Phe Gly Val Gln Gln Leu Pro Leu Glu
        35   40   45

Glu Ile Trp Pro Leu
    50

<210> 2446
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I1681M"

<400> 2446
Lys Lys Arg Gly Arg Lys Pro Lys Lys Leu Gln Tyr Ala Lys Pro Glu
1   5   10   15

Asp Leu Glu Gln Asn Asn Val His Pro Met Met Arg Asp Glu Val Leu
            20   25   30

Pro Ser Ser Thr Cys Asn Phe Leu Ser Glu Thr Asn Asn Val Lys Glu
        35   40   45

Asp Leu Leu Gln
    50

<210> 2447
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S32del"

<400> 2447
Pro Trp Pro Ala Asn Gln Pro Leu Pro Gly Gly Leu Leu Pro Arg Pro
1   5   10   15

Leu Ser Leu Ala Pro Ser Ser Ser Ser Cys Cys Ser Pro Pro Cys Ser
            20   25   30

Gln Asp Gly Arg Met Ala Ala Gln Gly Ala Pro Arg Phe Leu Leu Thr
        35   40   45

Phe Asp Phe Asp Glu
    50

<210> 2448
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V22F"

<400> 2448
Met Ile Ala Ile Ser Ala Val Ser Ser Ala Leu Leu Phe Ser Leu Leu
1   5   10   15

Cys Glu Ala Ser Thr Phe Phe Val Leu Leu Asn Ser Thr Asp Ser Ser
            20   25   30

Pro Pro Thr Asn Asn Phe Thr Asp Ile Glu Ala Ala Leu Lys Ala Gln
        35   40   45

<210> 2449
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S519L"

<400> 2449
Ser Glu Thr Gln Ser Ser Pro Thr Lys Gly Val Leu Met Tyr Gln Pro
1   5   10   15

Ser Ser Val Arg Val Pro Ser Val Thr Leu Leu Val Asp Pro Ala Ala
            20   25   30

Ile Pro Pro Ser Leu Thr Asp Tyr Ser Val Pro Phe His His Thr Pro
        35   40   45

Ile Ser Ser Met
    50

<210> 2450
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.D460N"

<400> 2450
Gly Gly Asp Pro Ser Glu Asn Lys Lys Lys Val Glu Val Ile Asp Leu
1   5   10   15

Thr Ile Glu Ser Ser Ser Asp Glu Glu Asn Asn Leu Pro Pro Thr Lys
            20   25   30

Lys His Cys Ser Val Thr Ser Ala Ala Ile Pro Ala Leu Pro Gly Ser
        35   40   45

Lys Gly Val Leu
    50

<210> 2451
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H116fs"

<400> 2451
Leu Ala Pro Ile Pro Pro Thr Leu Leu Ala Pro Gly Thr Leu Leu Gly
1   5   10   15

Pro Lys Arg Glu Val Asp Met His Pro Leu Cys Pro Ser Leu Cys Thr
            20   25   30

Leu Met Ser Pro
        35

<210> 2452
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R225L"

<400> 2452
Asn Asp Lys Ser Leu Arg Gln Phe Arg Tyr Thr Phe Gln Ala Cys Leu

1 5 10 15

Tyr Glu Leu Leu Lys Arg Leu Cys Asn Leu Leu Ala Val Leu Leu Phe
20 25 30

Val Ala Val Ala Gly Leu Thr Phe Phe Ala Leu Ser Phe Gly Phe Tyr
35 40 45

Tyr Glu Tyr Gly
50

<210> 2453
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P787fs"

<400> 2453
Val Thr Val Leu Val Lys Ala Gly Ala Gly Ala Pro Arg Thr Arg Thr
1 5 10 15

Val Leu Thr Pro Phe Ser Gly Pro Pro Leu Leu Lys Leu Thr Trp Ile
20 25 30

Met Trp Ser Leu Lys Ser Thr Asp Thr Cys Arg Arg Ser Ser Gly Ala
35 40 45

Gly

<210> 2454
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V183G"

<400> 2454
Asn Ala Gln Lys Arg Lys Ser Leu Tyr Lys Gln Ile Gly Leu Tyr Pro

1 5 10 15

Val Leu Val Ile Asp Ser Ser Gly Tyr Gly Gly Asn Pro Asn Tyr Thr
20 25 30

Gly Arg Ile Arg Leu Asp Ile Gln Gly Thr Gly Gln Leu Leu Phe Ser
35 40 45

Val Val Ile Asn
50

<210> 2455
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A346fs"

<400> 2455
Thr Ala Met Ile Asn Asn Ser Arg Asn Leu Asn Ile Gln Leu Lys Trp
1 5 10 15

Lys Arg Pro Pro Glu Asn Glu Ala Pro Gln Cys Pro Ser Cys Met Pro
20 25 30

Ser Gly Thr
35

<210> 2456
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F1473L"

<400> 2456
Glu Glu Leu Asn Gly Tyr Ile Trp His Leu Ile His Ala Pro Pro Glu
1 5 10 15

Val Ala Glu Cys Asp Leu Val Tyr Thr Leu Leu Phe His Pro Leu Pro

20 25 30

Arg Asp Glu Lys Ala Met Gly Thr Ser Pro Ala Pro Lys Ser Ser Asp
35 40 45

Gly Thr Trp Ala
50

<210> 2457
<211> 116
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R287fs"

<400> 2457
Pro Leu Asp Phe Ser Lys Asp Thr Ser Gly Lys Pro Val Ala Arg Ser
1 5 10 15

Lys Thr Met Pro Pro Gln Val Pro Pro Ala Pro Met Pro Pro Ala Met
20 25 30

Ala Thr Glu Arg Met Arg Arg Leu Ala Arg Thr Ala Gly Phe Leu Gln
35 40 45

Pro Arg Trp Ala Pro Gly Pro Thr Leu Leu Pro Met Ala Met Ser Cys
50 55 60

Leu Arg Ser Gln Lys Arg Glu Met Arg Arg Leu Leu His Phe Ala Thr
65 70 75 80

Cys Trp Ile Ser Phe Asp Leu Ala Leu Thr Ser Lys Thr Thr Ser Ser
85 90 95

Leu Ala Met Ser Gly Val Leu Ser Pro Leu Ala Gln Ser Thr Ser Gly
100 105 110

Met Arg Ser Thr
115

<210> 2458
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N345K"

<400> 2458
Gly Glu Thr Ser Thr Lys Ser Leu Trp Val Ile Asn Ser Ala Leu Arg
1 5 10 15

Ile Lys Ile Leu Cys Ala Thr Tyr Val Lys Lys Val Asn Ile Arg Asp
20 25 30

Ile Asp Lys Ile Tyr Val Arg Thr Gly Ile Tyr His Gly Gly Glu Pro
35 40 45

Leu Cys Asp Asn
50

<210> 2459
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D350G"

<400> 2459
Lys Ser Leu Trp Val Ile Asn Ser Ala Leu Arg Ile Lys Ile Leu Cys
1 5 10 15

Ala Thr Tyr Val Asn Val Asn Ile Arg Gly Gly Ile Asp Lys Ile Tyr
20 25 30

Val Arg Thr Gly Ile Tyr His Gly Gly Glu Pro Leu Cys Asp Asn Val
35 40 45

Asn Thr Gln Arg
50

<210> 2460
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R38H"

<400> 2460
Ile His Leu Met Pro Pro Arg Ile Leu Val Glu Cys Leu Leu Pro Asn
1 5 10 15

Gly Met Ile Val Thr Leu Glu Cys Leu His His Glu Ala Thr Leu Ile
20 25 30

Thr Ile Lys His Glu Leu Phe Lys Glu Ala Arg Lys Tyr Pro Leu His
35 40 45

Gln Leu Leu Gln
50

<210> 2461
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E39K"

<400> 2461
His Leu Met Pro Pro Arg Ile Leu Val Glu Cys Leu Leu Pro Asn Gly
1 5 10 15

Met Ile Val Thr Leu Glu Cys Leu Arg Lys Lys Ala Thr Leu Ile Thr
20 25 30

Ile Lys His Glu Leu Phe Lys Glu Ala Arg Lys Tyr Pro Leu His Gln
35 40 45

Leu Leu Gln Asp
50

<210> 2462
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C420R"

<400> 2462
Asp Leu Pro Arg Ala Ala Arg Leu Cys Leu Ser Ile Cys Ser Val Lys
1 5 10 15

Gly Arg Lys Gly Ala Lys Glu Glu His Arg Arg Pro Leu Ala Trp Gly
20 25 30

Asn Ile Asn Leu Phe Asp Tyr Thr Asp Thr Leu Val Ser Gly Lys Met
35 40 45

Ala Leu Asn Leu
50

<210> 2463
<211> 77
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.PVPHGLEDL447del"

<400> 2463
Leu Ala Trp Gly Asn Ile Asn Leu Phe Asp Tyr Thr Asp Thr Leu Val
1 5 10 15

Ser Gly Lys Met Ala Leu Asn Leu Trp Leu Asn Pro Ile Gly Val Thr
20 25 30

Gly Ser Asn Pro Asn Lys Glu Thr Pro Cys Leu Glu Leu Glu Phe Asp
35 40 45

Trp Phe Ser Ser Val Val Lys Phe Pro Asp Met Ser Val Ile Glu Glu
50 55 60

His Ala Asn Trp Ser Val Ser Arg Glu Ala Gly Phe Ser
65 70 75

<210> 2464

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E453K"

<400> 2464
Asn Leu Phe Asp Tyr Thr Asp Thr Leu Val Ser Gly Lys Met Ala Leu
1 5 10 15

Asn Leu Trp Pro Val Pro His Gly Leu Lys Lys Asp Leu Leu Asn Pro
20 25 30

Ile Gly Val Thr Gly Ser Asn Pro Asn Lys Glu Thr Pro Cys Leu Glu
35 40 45

Leu Glu Phe Asp
50

<210> 2465
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L455fs"

<400> 2465
Asp Tyr Thr Asp Thr Leu Val Ser Gly Lys Met Ala Leu Asn Leu Trp
1 5 10 15

Pro Val Pro His Gly Leu Glu Asp Leu Ala Glu Pro Tyr Trp Cys Tyr
20 25 30

Trp Ile Lys Ser Lys
35

<210> 2466
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E542K"

<400> 2466
Leu Ala Arg Asp Asn Glu Leu Arg Glu Asn Asp Lys Glu Gln Leu Lys
1 5 10 15

Ala Ile Ser Thr Arg Asp Pro Leu Ser Lys Lys Ile Thr Glu Gln Glu
20 25 30

Lys Asp Phe Leu Trp Ser His Arg His Tyr Cys Val Thr Ile Pro Glu
35 40 45

Ile Leu Pro Lys
50

<210> 2467
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E545K"

<400> 2467
Asp Asn Glu Leu Arg Glu Asn Asp Lys Glu Gln Leu Lys Ala Ile Ser
1 5 10 15

Thr Arg Asp Pro Leu Ser Glu Ile Thr Lys Lys Gln Glu Lys Asp Phe
20 25 30

Leu Trp Ser His Arg His Tyr Cys Val Thr Ile Pro Glu Ile Leu Pro
35 40 45

Lys Leu Leu Leu
50

<210> 2468
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E545A"

<400> 2468
Asp Asn Glu Leu Arg Glu Asn Asp Lys Glu Gln Leu Lys Ala Ile Ser
1 5 10 15

Thr Arg Asp Pro Leu Ser Glu Ile Thr Ala Ala Gln Glu Lys Asp Phe
20 25 30

Leu Trp Ser His Arg His Tyr Cys Val Thr Ile Pro Glu Ile Leu Pro
35 40 45

Lys Leu Leu Leu
50

<210> 2469
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E545G"

<400> 2469
Asp Asn Glu Leu Arg Glu Asn Asp Lys Glu Gln Leu Lys Ala Ile Ser
1 5 10 15

Thr Arg Asp Pro Leu Ser Glu Ile Thr Gly Gly Gln Glu Lys Asp Phe
20 25 30

Leu Trp Ser His Arg His Tyr Cys Val Thr Ile Pro Glu Ile Leu Pro
35 40 45

Lys Leu Leu Leu
50

<210> 2470
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q546K"

<400> 2470
Asn Glu Leu Arg Glu Asn Asp Lys Glu Gln Leu Lys Ala Ile Ser Thr
1 5 10 15

Arg Asp Pro Leu Ser Glu Ile Thr Glu Lys Lys Glu Lys Asp Phe Leu
20 25 30

Trp Ser His Arg His Tyr Cys Val Thr Ile Pro Glu Ile Leu Pro Lys
35 40 45

Leu Leu Leu Ser
50

<210> 2471
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q546P"

<400> 2471
Asn Glu Leu Arg Glu Asn Asp Lys Glu Gln Leu Lys Ala Ile Ser Thr
1 5 10 15

Arg Asp Pro Leu Ser Glu Ile Thr Glu Pro Pro Glu Lys Asp Phe Leu
20 25 30

Trp Ser His Arg His Tyr Cys Val Thr Ile Pro Glu Ile Leu Pro Lys
35 40 45

Leu Leu Leu Ser
50

<210> 2472
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q546R"

<400> 2472
Asn Glu Leu Arg Glu Asn Asp Lys Glu Gln Leu Lys Ala Ile Ser Thr
1 5 10 15

Arg Asp Pro Leu Ser Glu Ile Thr Glu Arg Arg Glu Lys Asp Phe Leu
20 25 30

Trp Ser His Arg His Tyr Cys Val Thr Ile Pro Glu Ile Leu Pro Lys
35 40 45

Leu Leu Leu Ser
50

<210> 2473
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.M1V"

<400> 2473
Val Val Pro Pro Arg Pro Ser Ser Gly Glu Leu Trp Gly Ile His Leu
1 5 10 15

Met Pro Pro Arg Ile Leu Val Glu Cys Leu Leu
20 25

<210> 2474
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.E726K"

<400> 2474
His Leu Asn Arg Gln Val Glu Ala Met Glu Lys Leu Ile Asn Leu Thr
1   5   10   15

Asp Ile Leu Lys Gln Glu Lys Lys Asp Lys Lys Thr Gln Lys Val Gln
            20   25   30

Met Lys Phe Leu Val Glu Gln Met Arg Arg Pro Asp Phe Met Asp Ala
        35   40   45

Leu Gln Gly Phe
    50

<210> 2475
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R88Q"

<400> 2475
Gln Asp Glu Ser Ser Tyr Ile Phe Val Ser Val Thr Gln Glu Ala Glu
1   5   10   15

Arg Glu Glu Phe Phe Asp Glu Thr Arg Gln Gln Leu Cys Asp Leu Arg
            20   25   30

Leu Phe Gln Pro Phe Leu Lys Val Ile Glu Pro Val Gly Asn Arg Glu
        35   40   45

Glu Lys Ile Leu
    50

<210> 2476
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R93Q"

<400> 2476
Tyr Ile Phe Val Ser Val Thr Gln Glu Ala Glu Arg Glu Glu Phe Phe
1   5   10   15

Asp Glu Thr Arg Arg Leu Cys Asp Leu Gln Gln Leu Phe Gln Pro Phe
            20   25   30

Leu Lys Val Ile Glu Pro Val Gly Asn Arg Glu Glu Lys Ile Leu Asn
        35   40   45

Arg Glu Ile Gly
    50

<210> 2477
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M1004I"

<400> 2477
Arg Phe Gln Glu Met Cys Tyr Lys Ala Tyr Leu Ala Ile Arg Gln His
1   5   10   15

Ala Asn Leu Phe Ile Asn Leu Phe Ser Ile Ile Met Leu Gly Ser Gly
            20   25   30

Met Pro Glu Leu Gln Ser Phe Asp Asp Ile Ala Tyr Ile Arg Lys Thr
        35   40   45

Leu Ala Leu Asp
    50

<210> 2478
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.M1043V"

<400> 2478
Asp Ile Ala Tyr Ile Arg Lys Thr Leu Ala Leu Asp Lys Thr Glu Gln
1   5   10   15

Glu Ala Leu Glu Tyr Phe Met Lys Gln Val Val Asn Asp Ala His His
            20   25   30

Gly Gly Trp Thr Thr Lys Met Asp Trp Ile Phe His Thr Ile Lys Gln
        35   40   45

His Ala Leu Asn
    50

<210> 2479
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M1043I"

<400> 2479
Asp Ile Ala Tyr Ile Arg Lys Thr Leu Ala Leu Asp Lys Thr Glu Gln
1   5   10   15

Glu Ala Leu Glu Tyr Phe Met Lys Gln Ile Ile Asn Asp Ala His His
            20   25   30

Gly Gly Trp Thr Thr Lys Met Asp Trp Ile Phe His Thr Ile Lys Gln
        35   40   45

His Ala Leu Asn
    50

<210> 2480
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.N1044Y"

<400> 2480
Ile Ala Tyr Ile Arg Lys Thr Leu Ala Leu Asp Lys Thr Glu Gln Glu
1   5   10   15

Ala Leu Glu Tyr Phe Met Lys Gln Met Tyr Tyr Asp Ala His His Gly
            20   25   30

Gly Trp Thr Thr Lys Met Asp Trp Ile Phe His Thr Ile Lys Gln His
        35   40   45

Ala Leu Asn
    50

<210> 2481
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N1044K"

<400> 2481
Ile Ala Tyr Ile Arg Lys Thr Leu Ala Leu Asp Lys Thr Glu Gln Glu
1   5   10   15

Ala Leu Glu Tyr Phe Met Lys Gln Met Lys Lys Asp Ala His His Gly
            20   25   30

Gly Trp Thr Thr Lys Met Asp Trp Ile Phe His Thr Ile Lys Gln His
        35   40   45

Ala Leu Asn
    50

<210> 2482
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.H1047R"

<400> 2482
Ile Arg Lys Thr Leu Ala Leu Asp Lys Thr Glu Gln Glu Ala Leu Glu
1   5   10   15

Tyr Phe Met Lys Gln Met Asn Asp Ala Arg Arg His Gly Gly Trp Thr
            20   25   30

Thr Lys Met Asp Trp Ile Phe His Thr Ile Lys Gln His Ala Leu Asn
        35   40   45

<210> 2483
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H1047L"

<400> 2483
Ile Arg Lys Thr Leu Ala Leu Asp Lys Thr Glu Gln Glu Ala Leu Glu
1   5   10   15

Tyr Phe Met Lys Gln Met Asn Asp Ala Leu Leu His Gly Gly Trp Thr
            20   25   30

Thr Lys Met Asp Trp Ile Phe His Thr Ile Lys Gln His Ala Leu Asn
        35   40   45

<210> 2484
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G106V"

<400> 2484
Glu Phe Phe Asp Glu Thr Arg Arg Leu Cys Asp Leu Arg Leu Phe Gln
1   5   10   15

Pro Phe Leu Lys Val Ile Glu Pro Val Val Val Asn Arg Glu Glu Lys

20 25 30

Ile Leu Asn Arg Glu Ile Gly Phe Ala Ile Gly Met Pro Val Cys Glu
35 40 45

Phe Asp Met Val
50

<210> 2485
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R108H"

<400> 2485
Phe Asp Glu Thr Arg Arg Leu Cys Asp Leu Arg Leu Phe Gln Pro Phe
1 5 10 15

Leu Lys Val Ile Glu Pro Val Gly Asn His His Glu Glu Lys Ile Leu
20 25 30

Asn Arg Glu Ile Gly Phe Ala Ile Gly Met Pro Val Cys Glu Phe Asp
35 40 45

Met Val Lys Asp
50

<210> 2486
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E110del"

<400> 2486
Glu Thr Arg Arg Leu Cys Asp Leu Arg Leu Phe Gln Pro Phe Leu Lys
1 5 10 15

Val Ile Glu Pro Val Gly Asn Arg Glu Lys Ile Leu Asn Arg Glu Ile

20 25 30

Gly Phe Ala Ile Gly Met Pro Val Cys Glu Phe Asp Met Val Lys Asp
35 40 45

Pro Glu Val Gln Asp
50

<210> 2487
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K111E"

<400> 2487
Thr Arg Arg Leu Cys Asp Leu Arg Leu Phe Gln Pro Phe Leu Lys Val
1 5 10 15

Ile Glu Pro Val Gly Asn Arg Glu Glu Glu Ile Leu Asn Arg Glu
20 25 30

Ile Gly Phe Ala Ile Gly Met Pro Val Cys Glu Phe Asp Met Val Lys
35 40 45

Asp Pro Glu Val
50

<210> 2488
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K111del"

<400> 2488
Thr Arg Arg Leu Cys Asp Leu Arg Leu Phe Gln Pro Phe Leu Lys Val
1 5 10 15

Ile Glu Pro Val Gly Asn Arg Glu Glu Ile Leu Asn Arg Glu Ile Gly

20 25 30

Phe Ala Ile Gly Met Pro Val Cys Glu Phe Asp Met Val Lys Asp Pro
35 40 45

Glu Val Gln Asp Phe
50

<210> 2489
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C381R"

<400> 2489
Cys Phe Ala Leu Tyr Ala Val Ile Glu Lys Ala Lys Lys Ala Arg Ser
1 5 10 15

Thr Lys Lys Lys Ser Lys Lys Ala Asp Arg Arg Pro Ile Ala Trp Ala
20 25 30

Asn Leu Met Leu Phe Asp Tyr Lys Asp Gln Leu Lys Thr Gly Glu Arg
35 40 45

Cys Leu Tyr Met
50

<210> 2490
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V165I"

<400> 2490
Arg His Pro Pro Ser Glu Glu Ser Gln Ala Phe Gln Arg Gln Leu Thr
1 5 10 15

Ala Leu Ile Gly Tyr Asp Val Thr Asp Ile Ile Ser Asn Val His Asp

20 25 30

Asp Glu Leu Glu Phe Thr Arg Arg Gly Leu Val Thr Pro Arg Met Ala
35 40 45

Glu Val Ala Ser
50

<210> 2491
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G376R"

<400> 2491
Ala Asp Gly Thr Phe Leu Val Arg Asp Ala Ser Thr Lys Met His Gly
1 5 10 15

Asp Tyr Thr Leu Thr Leu Arg Lys Gly Arg Arg Asn Asn Lys Leu Ile
20 25 30

Lys Ile Phe His Arg Asp Gly Lys Tyr Gly Phe Ser Asp Pro Leu Thr
35 40 45

Phe Ser Ser Val
50

<210> 2492
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K379N"

<400> 2492
Thr Phe Leu Val Arg Asp Ala Ser Thr Lys Met His Gly Asp Tyr Thr
1 5 10 15

Leu Thr Leu Arg Lys Gly Gly Asn Asn Asn Asn Leu Ile Lys Ile Phe

20 25 30

His Arg Asp Gly Lys Tyr Gly Phe Ser Asp Pro Leu Thr Phe Ser Ser
35 40 45

Val Val Glu Leu
50

<210> 2493
<211> 62
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.KPDL567del"

<400> 2493
Arg Arg Arg Leu Glu Glu Asp Leu Lys Lys Gln Ala Ala Glu Tyr Arg
1 5 10 15

Glu Ile Asp Lys Arg Met Asn Ser Ile Ile Gln Leu Arg Lys Thr Arg
20 25 30

Asp Gln Tyr Leu Met Trp Leu Thr Gln Lys Gly Val Arg Gln Lys Lys
35 40 45

Leu Asn Glu Trp Leu Gly Asn Glu Asn Thr Glu Asp Gln Tyr
50 55 60

<210> 2494
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L371R"

<400> 2494
Leu Leu Ser Thr Ser Ser Leu Ala Ser His Asp Ser Thr Leu Ser Leu
1 5 10 15

Ala Ser Ser Gln Ala Ser Gly Pro Ala Arg Arg Ser Arg His Leu Leu

20 25 30

Thr Ser Phe Val Ser Gly Leu Ser Asp Gly Met Asp Ser Gly Tyr Val
35 40 45

Glu Asp Ser Glu
50

<210> 2495
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S291fs"

<400> 2495
Val Tyr Ala Ser Leu Ala Leu Ser Ser Ser Thr Ser Pro Arg Ala Pro
1 5 10 15

Pro Ser His Arg Pro Leu Lys Ser Pro Pro Glu Arg Asp Pro Val Leu
20 25 30

Cys Leu Lys Gly Leu Thr Asn Gly Gln Pro Ser Gln Asp
35 40 45

<210> 2496
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L164F"

<400> 2496
Leu Gln Glu Glu Leu Ala Arg Ser Phe Phe Trp Gln Val Leu Glu Ala
1 5 10 15

Val Arg His Cys His Asn Cys Gly Val Phe Phe His Arg Asp Ile Lys
20 25 30

Asp Glu Asn Ile Leu Ile Asp Leu Asn Arg Gly Glu Leu Lys Leu Ile

35 40 45

Asp Phe Gly Ser
50

<210> 2497
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L184F"

<400> 2497
His Asn Cys Gly Val Leu His Arg Asp Ile Lys Asp Glu Asn Ile Leu
1 5 10 15

Ile Asp Leu Asn Arg Gly Glu Leu Lys Phe Phe Ile Asp Phe Gly Ser
20 25 30

Gly Ala Leu Leu Lys Asp Thr Val Tyr Thr Asp Phe Asp Gly Thr Arg
35 40 45

Val Tyr Ser Pro
50

<210> 2498
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R219K"

<400> 2498
Ile Val Thr Arg Asn Val Phe Ser His Arg Leu Ser Val Tyr Arg Lys
1 5 10 15

Tyr Asp Leu Lys Gly Ser Thr Val Ala Lys Lys Glu Ala Ser Asp Lys
20 25 30

Glu Lys Ala Lys Glu Leu Pro Thr Leu Lys Asp Asn Asp Phe Ile Asn

35 40 45

Glu Gly Gln Lys
50

<210> 2499
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R204H"

<400> 2499
Asn Thr Leu Leu Pro Gln Phe Leu Gly Met Tyr Arg Val Ser Val Asp
1 5 10 15

Asn Glu Asp Ser Tyr Met Leu Val Met His His Asn Met Phe Ser His
20 25 30

Arg Leu Pro Val His Arg Lys Tyr Asp Leu Lys Gly Ser Leu Val Ser
35 40 45

Arg Glu Ala Ser
50

<210> 2500
<211> 98
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P295fs"

<400> 2500
Pro Pro Gly Lys Pro Ser Thr Glu Ala Arg Ser Ala Ala Ser Asn Thr
1 5 10 15

Gly Thr Pro Asp Gly Pro Glu Ala Pro Gln Ala Gln Met Pro Pro Pro
20 25 30

Met Pro Ala Leu Gly Ser Ser Gly Pro His Pro Pro Val Pro Pro Thr

35 40 45

His Pro Asn Met Glu Gly Leu Cys Leu Pro Arg Ala Cys Leu Ser Gly
50 55 60

Ala Cys Arg Thr Leu Pro Glu Thr Leu Arg Thr Ala Pro Arg Lys Ser
65 70 75 80

Ser Leu Met Pro Thr Lys Ala Ser Arg Thr Val Arg Arg Ser Ser Pro
85 90 95

Arg Arg

<210> 2501
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V699M"

<400> 2501
Gly Leu Lys Val Cys Leu Gln Ala Ala Leu Arg Ala Trp Asn Ser Cys
1 5 10 15

Asn Glu Tyr Met Pro Ser Arg Ile Ile Met Met Tyr Arg Asp Gly Val
20 25 30

Gly Asp Gly Gln Leu Lys Thr Leu Val Asn Tyr Glu Val Pro Gln Phe
35 40 45

Leu Asp Cys Leu
50

<210> 2502
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.T938M"

<400> 2502
Val Glu Asn Ser Ala Ser Arg Ala Asn Leu Ser Leu Arg Val Thr Ala
1   5   10   15

Glu Glu Pro Ile Cys Gly Leu Arg Ala Met Met Pro Ser Pro Glu Ala
            20   25   30

Arg Val Leu Gln Gly Val Leu Val Arg Tyr Ser Pro Val Val Glu Ala
        35   40   45

Gly Ser Asp Met
    50

<210> 2503
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Y486F"

<400> 2503
Lys Leu Ile Arg Tyr Val Thr Thr Phe Asp Phe Phe Leu Ala Ala Cys
1   5   10   15

Glu Ile Ile Phe Cys Phe Phe Ile Phe Phe Phe Tyr Val Val Glu Glu
            20   25   30

Ile Leu Glu Ile Arg Ile His Lys Leu His Tyr Phe Arg Ser Phe Trp
        35   40   45

Asn Cys Leu Asp
    50

<210> 2504
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.F1856L"

<400> 2504
Pro Pro Val Ala Ser Leu Ser Pro Thr Ser Gly Ser Ile Gly Gly Gly
1   5   10   15

Thr Thr Leu Val Ile Thr Gly Asn Gly Leu Leu Tyr Pro Gly Asn Thr
            20   25   30

Thr Val Thr Ile Gly Asp Glu Pro Cys Gln Ile Ile Ser Ile Asn Pro
        35   40   45

Asn Glu Val Tyr
    50

<210> 2505
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.K76fs"

<400> 2505
Lys Arg Glu Ile Arg Lys Glu Leu Lys Ile Lys Glu Gly Ala Glu Asn
1   5   10   15

Leu Arg Lys Val Thr Thr Asp Lys Lys Val Trp Leu Met
            20   25

<210> 2506
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.W230fs"

<400> 2506
Phe Leu Gln Arg Gln Pro Gln Ala Trp Lys Asp Lys Tyr Ile Arg Ala
1   5   10   15

Phe Val Ser Leu Gly Ala Pro Trp Gly Ala Trp Pro Arg Pro Cys Ala

```
            20                  25                  30

Ser Trp Leu Gln Glu Thr Thr Thr Gly Ser Gln Ser Ser Gly Pro
        35                  40                  45


<210> 2507
<211> 145
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.L53fs"

<400> 2507
Lys Met Ile Lys Cys Val Ile Pro Gly Ser Asp Pro Phe Leu Glu Tyr
1               5                   10                  15


Asn Asn Tyr Gly Cys Tyr Cys Gly Leu Trp Gly Ala Gln Ala Pro Pro
            20                  25                  30


Trp Met Asn Trp Thr Ser Ala Ala Arg His Met Thr Thr Ala Met Thr
        35                  40                  45


Arg Pro Arg Ser Trp Thr Ala Val Asn Phe Cys Trp Thr Thr Arg Thr
    50                  55                  60


Pro Thr Pro Ile His Thr Arg Ala Leu Ala Arg Gln Ser Pro Val Ala
65                  70                  75                  80


Ala Lys Thr Lys Ser Val Arg Pro Ser Phe Ala Thr Ala Thr Ala Thr
                85                  90                  95


Leu Pro Ser Ala Phe Gln Lys Leu His Ile Thr Arg His Thr Arg Thr
            100                 105                 110


Trp Thr Pro Arg Ser Ile Val Arg Val Glu Tyr His Leu Ser Lys Ala
        115                 120                 125


Ser Pro Leu Ser Ala Ser Ser His Thr Val Leu Ser Asn Lys Ala Pro
    130                 135                 140


Cys
145


<210> 2508
```

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R201Q"

<400> 2508
Gly Pro Asp Leu Cys Cys Arg Glu His Asp Arg Cys Pro Gln Asn Ile
1 5 10 15

Ser Pro Leu Gln Tyr Asn Tyr Gly Ile Gln Gln Asn Tyr Arg Phe His
20 25 30

Thr Ile Ser His Cys Asp Cys Asp Thr Arg Phe Gln Gln Cys Leu Gln
35 40 45

Asn Gln His Asp
50

<210> 2509
<211> 69
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K184fs"

<400> 2509
Phe Glu Ser Thr Gly Val Leu Leu Glu His Leu Lys Ser His Ala Gly
1 5 10 15

Lys Ser Ser Gly Gly Val Lys Glu Lys Ser Thr Ser Ala Asn Ile Val
20 25 30

Ile Ala Gly Ser Thr Pro Glu Arg Met Ser Gly Asp Thr Trp Trp Cys
35 40 45

Thr Leu Glu Glu Arg Thr Ser Ser Val Ser Ile Val His Arg Asp Leu
50 55 60

Gly Glu Arg Ile Thr

65

<210> 2510
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.P10fs"

<400> 2510
Met Thr Thr Phe Phe Thr Ser Val Pro Pro Gly Phe Lys Met Gln Ser
1 5 10 15

Arg Arg Arg Lys Trp Ala Gly Asn
20

<210> 2511
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R201fs"

<400> 2511
Ile Ile Gly Gly Glu Phe Thr Thr Ile Glu Asn Gln Pro Trp Phe Ala
1 5 10 15

Ala Ile Tyr Arg Arg His Arg Gly Gly Leu Cys His Leu Arg Val Trp
20 25 30

Arg Gln Pro His Gln Pro Leu Leu Gly Asp Gln Arg His Thr Leu Leu
35 40 45

His

<210> 2512
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E499fs"

<400> 2512
Lys Gly Arg Val Leu Val Lys Gly Lys Lys Leu Pro Ala Ala Arg Ser
1 5 10 15

Glu Asp Gly Arg Ala Leu Ser Asp Arg Arg Arg Arg Arg Arg Met Thr
20 25 30

Arg Arg Lys Lys Arg Arg Trp Arg Leu Gln Arg Arg Gly Gly Trp Pro
35 40 45

Ser Arg Ser Pro Arg Ser Cys Arg Pro Trp Leu Cys Thr Ala Thr Pro
50 55 60

Pro Ala
65

<210> 2513
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G439C"

<400> 2513
Asn Thr Val Gly Ser Leu Leu His Phe Leu Thr Lys Leu Pro Ala Ser
1 5 10 15

Glu Thr Ala His Gly Arg Ile Ser Val Cys Cys Pro Cys Leu Lys Gln
20 25 30

Cys Val Arg Asp Thr Val Cys Glu Tyr Arg Ala Thr Leu Gln Arg Thr
35 40 45

Ser Ile Ser Gln
50

<210> 2514

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G564C"

<400> 2514
Leu Met Glu Gln Glu Gln Thr Ile Tyr Arg Arg Val Leu Pro Val Asp
1 5 10 15

Tyr Leu Cys Phe Leu Thr Arg Asp Leu Cys Cys Thr Pro Glu Cys Gln
20 25 30

Ser Ser Leu Pro Cys Leu Lys Ala Ser Ile Ser Ala Ser Ile Leu Thr
35 40 45

Thr Gln Asn Gly
50

<210> 2515
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M564I"

<400> 2515
Val Lys Gly Lys Lys Leu Pro Ser Asp Pro Asp Val Leu Glu Gly Glu
1 5 10 15

Val Thr Asp Glu Asp Glu Glu Ala Glu Ile Ile Ser Arg Arg Met Ser
20 25 30

Val Asp Tyr Asn Gly Glu Gln Lys Gln Ile Arg Leu Cys Arg Glu Leu
35 40 45

Ser Asp Leu Val
50

<210> 2516

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1386Q"

<400> 2516
Gln Asp Ala Arg Arg Arg Gln Glu Gln Ile Gln Ala Met Pro Leu Ala
1 5 10 15

Asp Ser Gln Ala Val Arg Glu Gln Leu Gln Gln Gln Glu Gln Ala Leu
20 25 30

Leu Glu Glu Ile Glu Arg His Gly Glu Lys Val Glu Glu Cys Gln Arg
35 40 45

Phe Ala Lys Gln
50

<210> 2517
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R110L"

<400> 2517
Val Asp Arg Cys Leu Phe Tyr Tyr Lys Asp Glu Lys Glu Glu Ser Ile
1 5 10 15

Leu Gly Ser Ile Pro Leu Leu Ser Phe Leu Leu Val Ala Ala Val Gln
20 25 30

Pro Ser Asp Asn Ile Ser Arg Lys His Thr Phe Lys Ala Glu His Ala
35 40 45

Gly Val Arg Thr
50

<210> 2518

<211> 196
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V328fs"

<400> 2518

```
Thr Asn Pro Asp Lys Ile Ala Gln Arg Lys Ser Ser Met Asn Gln Leu
1               5                   10                  15

Gln Gln Trp Val Asn Leu Arg Arg Gly Tyr Pro Arg Leu Lys Thr Phe
            20                  25                  30

Gly Val Pro Leu Gly Ser Ile Leu Cys Leu Ala Gly Ser Leu Ser Thr
        35                  40                  45

Met Ala Pro Thr Pro Pro Ser Thr Pro Met Ile Ile Ser Thr Thr Arg
    50                  55                  60

Gln Glu Cys Gly Arg Arg Ala Ser Val Pro Cys Arg Pro Met Ile Gly
65                  70                  75                  80

Ser Ala Arg Pro Gly Pro Trp Arg Thr Ser Ala Met Pro Ser Ala Met
                85                  90                  95

Gly Val Ala Leu Pro Thr Ser Cys Glu Ser Gly Arg Ser Pro Pro Ala
            100                 105                 110

Thr Gly Gly Arg Met Pro Pro Ser Gly Ser Gln Ala Pro Pro Gly Ser
        115                 120                 125

Gln Ser Ile Met Met Ser Trp Met Pro Pro Leu Ala Pro Cys Ala Ala
    130                 135                 140

Cys Pro Cys Ser Pro Ala Pro Thr Leu Cys Pro Ala His Pro Ala Arg
145                 150                 155                 160

Ala Pro Thr Ala Val Pro Ala Phe Thr Pro Leu Ser Ala His Pro Val
                165                 170                 175

Pro Val Leu Ser Gly Cys His Leu Ala Val Arg Thr Ser Met Leu Thr
            180                 185                 190

Leu Leu Pro Met
```

<210> 2519
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S146P"

<400> 2519
Thr Ala Leu Leu Glu Ala Asn Ser Thr Pro Ala Pro Ala Gly Ala Thr
1 5 10 15

Val Pro Pro Arg Ser Arg Arg Val Cys Pro Pro Lys Val Arg Cys Val
20 25 30

Thr Arg Ser Trp Ser Pro Cys Lys Val Glu Arg Arg Ile Trp Val Arg
35 40 45

Val Tyr Ser Pro
50

<210> 2520
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E384K"

<400> 2520
Ala Ile Ile Phe Leu Gln Asn Ser Phe Cys Ser Leu Asn Thr His Arg
1 5 10 15

Thr Pro Arg Thr Ala Gln Glu Val Ala Lys Lys Leu Ile Asp Gln His
20 25 30

Glu Thr Met Met Lys Leu Val Leu Glu Asp Pro Leu Leu Val Ser Leu
35 40 45

Arg Leu Glu Gly

50

<210> 2521
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A895V"

<400> 2521
Arg Ile Ile His Asn Trp Asp Leu Thr Lys Arg Pro Ile Cys Arg Gln
1 5 10 15

Ala Leu Lys Phe Leu Thr Gln Ile Arg Val Val Gln Pro Leu Ile Asn
20 25 30

Leu Gln Met Val Asn Ala Ser Leu Tyr Glu His Val Glu Arg Met His
35 40 45

Leu Ile Gly Arg
50

<210> 2522
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S459L"

<400> 2522
Asp Gln Ser Phe Arg Thr Gly Ser Pro Gly Asp Ala Pro Glu Arg Pro
1 5 10 15

Pro Leu Cys Asp Phe Ser Glu Gly Leu Leu Leu Ala Pro Met Asp Phe
20 25 30

Tyr Arg Phe Thr Val Glu Ser Pro Ser Thr Val Thr Ser Gly Gly Gly
35 40 45

His His Asp Pro

50

<210> 2523
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T254fs"

<400> 2523
Gln Pro Ser Ala Asp Arg Ala Ser Ser Leu Ser Arg Pro Trp Glu Lys
1 5 10 15

Thr Asp Lys Gly Ala Thr Tyr Thr Pro Arg His Pro Arg Ser
20 25 30

<210> 2524
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E351Q"

<400> 2524
Gly Glu Met Gln Ala Ser Gly Pro Pro Ala Pro Gly Thr Val Gln Val
1 5 10 15

Ser Val Asn Gly Met Asp Asp Ser Pro Gln Gln Pro Ala Lys Pro Ser
20 25 30

Gln Ala Glu Gly Thr Pro Gly Thr Pro Pro Lys Asp Ala Thr Thr Ser
35 40 45

Thr Ala Leu Pro
50

<210> 2525
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R306W"

<400> 2525
Leu Glu Thr Leu Val Leu Ser Arg Ser Leu Thr Gln Glu Leu Gln Gly
1 5 10 15

Thr Val Glu Ala Leu Glu Ser Ser Val Trp Trp Gly Leu Pro Ala Gly
20 25 30

Ala Gln Glu Lys Val Ala Glu Val Arg Arg Ser Val Asp Ala Leu Gln
35 40 45

Thr Ala Phe Ala
50

<210> 2526
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D233G"

<400> 2526
Lys Lys Thr Leu Cys Gly Thr Pro Asn Tyr Ile Ala Pro Glu Val Leu
1 5 10 15

Ser Lys Lys Gly His Ser Phe Glu Val Gly Gly Val Trp Ser Ile Gly
20 25 30

Cys Ile Met Tyr Thr Leu Leu Val Gly Lys Pro Pro Phe Glu Thr Ser
35 40 45

Cys Leu Lys Glu
50

<210> 2527
<211> 68
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P296fs"

<400> 2527
Gly Trp Thr Pro Glu Gly Gly Cys Gly Phe Cys Asn Gln Asp Arg Arg
1 5 10 15

Thr Leu Pro Gly Gly Gln Pro Pro Pro Pro Gly Val Ser Gly Arg Val
20 25 30

Cys Gly Thr Ala Tyr Ser Val Ser Ala Pro Leu Pro Ala Ala Ala Ala
35 40 45

Thr Pro Gly Leu Ser Pro Arg Gln Gly His Pro Phe Pro Ala Gln Gln
50 55 60

Arg Gly Leu Pro
65

<210> 2528
<211> 85
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R297fs"

<400> 2528
Gly Trp Thr Pro Glu Gly Gly Cys Gly Phe Cys Asn Gln Asp Arg Arg
1 5 10 15

Thr Leu Pro Gly Gly Gln Pro Pro Pro Gly Cys Phe Trp Pro Cys Leu
20 25 30

Trp Asn Ser Leu Leu Arg Phe Cys Pro Ala Ser Cys Ser Gly Cys Tyr
35 40 45

Ser Trp Thr Ile Pro Pro Thr Gly Ser Pro Phe Ser Cys Thr Thr Thr
50 55 60

Arg Ser Ser Met Asn Pro Thr Ser Leu Thr Pro Gly Arg Ser Ser Arg

65 70 75 80

Thr Thr Ser Gln Leu
85

<210> 2529
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E77K"

<400> 2529
Phe Pro Ser Pro Gly Pro Val Ala Leu Gly Ser Ala Ala Pro Phe Leu
1 5 10 15

Pro Leu Pro Gly Val Pro Ser Gly Leu Lys Lys Phe Leu Val Gln Ile
20 25 30

Asp Gln Ile Leu Ile His Gln Lys Ala Glu Arg Val Glu Thr Phe Leu
35 40 45

Gly Trp Glu Thr
50

<210> 2530
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.P1016fs"

<400> 2530
Leu Thr Pro Pro Gly Gln Ser Pro Gly Ser Ala Pro Ile Ile Ile Asn
1 5 10 15

Ile Asn Arg Ala Gln Leu Thr Asn Pro Arg
20 25

<210> 2531

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E1295K"

<400> 2531
Ala Leu Glu Cys Lys Glu Ala Phe Ala Glu Leu Gln Thr Asp Ile His
1 5 10 15

Glu Leu Thr Asn Asp Leu Asp Gly Ala Lys Ser Ile Pro Phe Leu Asp
20 25 30

Tyr Arg Thr Tyr Ala Met Arg Val Leu Phe Pro Gly Ile Glu Asp His
35 40 45

Pro Val Leu Lys
50

<210> 2532
<211> 82
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P464fs"

<400> 2532
Tyr Asn Gly Tyr Ser Val Val Phe Val Gly Thr Lys Ser Gly Lys Leu
1 5 10 15

Lys Lys Ile Arg Ala Asp Gly Pro Pro Pro Met Val Gly Ser Ser Thr
20 25 30

Arg Trp Ser Leu Cys Ser Arg Thr Glu Ala Pro Ser Ser Gly Thr Trp
35 40 45

Pro Ser Pro Leu Ile Ser Ala Thr Cys Thr Ser Cys Leu Arg Asp Arg
50 55 60

Ser Pro Gly Ser Pro Trp Ser His Val Ser Ser Ile Arg Leu Val Gly

65 70 75 80

Ser Ala

<210> 2533
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P58S"

<400> 2533
Leu Thr His Leu Ala Val His Arg Val Thr Gly Glu Val Phe Val Gly
1 5 10 15

Ala Val Asn Arg Val Phe Lys Leu Ala Ser Ser Asn Leu Thr Glu Leu
20 25 30

Arg Ala His Val Thr Gly Pro Val Glu Asp Asn Ala Arg Cys Tyr Pro
35 40 45

Pro Pro Ser Met
50

<210> 2534
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S462L"

<400> 2534
Ile Tyr Ile Tyr Leu Thr Ala Gly Lys Glu Val Arg Arg Ile Arg Val
1 5 10 15

Ala Asn Cys Asn Lys His Lys Ser Cys Leu Leu Glu Cys Leu Thr Ala
20 25 30

Thr Asp Pro His Cys Gly Trp Cys His Ser Leu Gln Arg Cys Thr Phe

35 40 45

Gln Gly Asp Cys
50

<210> 2535
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R819C"

<400> 2535
Asn Ile Asn Val Ser Glu Tyr Cys Val Ala Thr Tyr Cys Gly Phe Leu
1 5 10 15

Ala Pro Ser Leu Lys Ser Ser Lys Val Cys Cys Thr Asn Val Thr Val
20 25 30

Lys Leu Arg Val Gln Asp Thr Tyr Leu Asp Cys Gly Thr Leu Gln Tyr
35 40 45

Arg Glu Asp Pro
50

<210> 2536
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R367L"

<400> 2536
Gly Leu Gln Cys Ala Gly Gly Ala Gly Arg Gly Asp Leu Tyr Ser Arg
1 5 10 15

Leu Val Ser Val Phe Pro Ala Arg Glu Leu Leu Leu Phe Ala Val Phe
20 25 30

Glu Arg Pro Gln Gly Ser Pro Ala Ala Arg Ala Ala Pro Ala Ala Leu

35 40 45

Cys Ala Phe Arg
50

<210> 2537
<211> 85
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P208fs"

<400> 2537
Arg Ala Pro Pro Asn Arg Thr Ile Phe Asp Ser Asp Leu Met Asp Ser
1 5 10 15

Ala Arg Leu Gly Gly Pro Cys Pro Pro Ala Val Thr Arg Ala Ser Ala
20 25 30

Pro Arg Ala Thr Ala Ala Ala Gly Ala Trp Arg Gly Arg Arg Pro Pro
35 40 45

Thr Ala Arg Ser Ser Ala Thr Thr Arg Gly Pro Pro Ser Ser Thr Ser
50 55 60

Arg Ala Val Gly Arg Pro Pro Cys Trp Arg Gly Pro Gly Ser Thr Thr
65 70 75 80

His Thr Ser Arg Pro
85

<210> 2538
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K651R"

<400> 2538
Ala Lys Arg Ile Lys Gln Leu His His Glu Ala Gln Gln Ser Glu Gly

1 5 10 15

Glu Gln Asn Tyr Arg Lys Phe Arg Ala Arg Arg Ile Cys Pro Gly Glu
20 25 30

Asn Gln Ala Ala Glu Asp Glu Leu Arg Lys Glu Ile Ser Lys Thr Met
35 40 45

Phe Ala Glu Met
50

<210> 2539
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G174W"

<400> 2539
Asn Leu Glu Lys Leu Leu Val Phe Thr Ala Ala Gly Val Lys Pro Gln
1 5 10 15

Gly Lys Val Ala Gly Phe Asp Leu Asp Trp Trp Thr Leu Ile Thr Thr
20 25 30

Arg Ser Gly Lys Val Phe Pro Thr Gly Pro Ser Asp Trp Arg Ile Leu
35 40 45

Tyr Pro Glu Ile
50

<210> 2540
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T37M"

<400> 2540
Gly Ala Val Ala Gly Lys Glu Val Cys Tyr Glu Arg Leu Gly Cys Phe

1 5 10 15

Ser Asp Asp Ser Pro Trp Ser Gly Ile Met Met Glu Arg Pro Leu His
20 25 30

Ile Leu Pro Trp Ser Pro Lys Asp Val Asn Thr Arg Phe Leu Leu Tyr
35 40 45

Thr Asn Glu Asn
50

<210> 2541
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L223P"

<400> 2541
Leu Asp Leu Tyr Val Asn Ile Ala Lys Gln Asp Ile Met Leu Ser Leu
1 5 10 15

Ala Asn Leu Val Arg Leu Asn Gln Ala Pro Pro Phe Pro Pro Ser Lys
20 25 30

Arg Lys Met Glu Ser Leu Tyr Gln Cys Gly Phe Asp Asp Thr Val Lys
35 40 45

Phe Leu Leu Lys
50

<210> 2542
<211> 172
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1199fs"

<400> 2542
Leu Ala Tyr Val Cys Cys Val Arg Gln Leu Glu Val Val Lys Ser Ser

1 5 10 15

Asp Tyr Cys Glu Tyr Leu Arg Pro Pro Ser Thr Ala Thr Ala Pro Trp
20 25 30

Thr Ser Ala Ser Ser Thr Arg Ser Ala Lys Trp Ala Thr Ser Thr Gly
35 40 45

Ala Arg Cys Leu Thr Ser Gly Ala Ala Ala Ala Cys Trp Arg Arg Cys
50 55 60

Ser Ala Thr Ser Arg Gly Arg Ala Arg Ser Pro Arg Val Arg Ser Ser
65 70 75 80

Pro Val Pro Thr Pro Pro Ser Arg Thr Leu Pro Lys Leu Cys Leu Ala
85 90 95

Leu Ser Pro Pro Ser Pro Pro Trp Trp Met Thr Asn Leu Thr Thr Arg
100 105 110

Arg Ser Thr Arg Arg Ser Cys Trp Thr Ser Pro Gly Met His Thr Gln
115 120 125

Thr Ser Arg Ala Pro Gln Pro Ser Arg Ala Gln Thr Trp Arg Thr Ser
130 135 140

Pro His Cys Gly Ile Asp Thr Pro Val Trp Leu Ser Gln Asn Cys Leu
145 150 155 160

Arg Ala Pro Leu Thr Arg Thr Gly Arg Gly Leu Cys
165 170

<210> 2543
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R73C"

<400> 2543
Pro Arg Ala Leu Pro Pro Thr Leu Phe Leu Pro His Phe Leu Gly Gly
1 5 10 15

Asp Gly Pro Cys Leu Thr Pro Gln Pro Cys Cys Ala Pro Ala Ala Leu

20 25 30

Pro Asn Arg Ser Leu Ala Val Ala Gly Gly Thr Pro Arg Ala Ala Pro
35 40 45

Lys Lys Arg Arg
50

<210> 2544
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I301fs"

<400> 2544
Arg His Val Pro Lys His Leu Pro Pro Ala Leu Tyr Lys Leu His Leu
1 5 10 15

Lys Asn Asn Lys Leu Glu Lys Ile Pro Arg Gly Pro Ser Ala Ser
20 25 30

<210> 2545
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A150V"

<400> 2545
Gln Leu Gln His Leu Cys Val Ala His Asn Lys Leu Ser Val Ala Pro
1 5 10 15

Gln Phe Leu Pro Arg Ser Leu Arg Val Val Val Asp Leu Ala Ala Asn
20 25 30

Gln Val Met Glu Ile Phe Pro Leu Thr Phe Gly Glu Lys Pro Ala Leu
35 40 45

Arg Ser Val Tyr

50

<210> 2546
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S162fs"

<400> 2546
Thr Ala Thr Ala Lys Pro Asn Thr Thr Ser Ser Gln Asn Gly Ala Glu
1 5 10 15

Asp Thr Thr Asn Ser Gly Gly Lys Ser Gln Pro Gln Cys Asp His Arg
20 25 30

Pro His Ile His
35

<210> 2547
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G75W"

<400> 2547
Ser Ala Pro Val Pro Ile Ala Ala His Ala Ser Val Ala Gly His Leu
1 5 10 15

Ser Thr Ser Thr Thr Val Ser Ser Ser Trp Trp Ala Gln Asn Ser Asp
20 25 30

Ser Thr Lys Lys Thr Leu Val Thr Leu Ile Ala Asn Asn Asn Ala Gly
35 40 45

Asn Pro Leu Val
50

<210> 2548

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E603D"

<400> 2548
Pro Phe Gln Ser His Phe Cys Val Val Ser Lys Pro Lys Asp Cys Ile
1 5 10 15

Phe Pro Tyr Ala Phe Lys Glu Val Ile Asp Asp Lys Lys Asn Val Lys
20 25 30

Val Glu Val Ala Ala Thr Glu Arg Thr Leu Leu Gly Phe Phe Leu Ala
35 40 45

Lys Val His Lys
50

<210> 2549
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V411L"

<400> 2549
Glu Ile Gly Phe Gln Lys Asp Ser Gln Gly Glu Tyr Lys Ala Pro Gln
1 5 10 15

Cys Ile His Met Asp Cys Leu Arg Trp Leu Leu Lys Arg Asp Ser Tyr
20 25 30

Leu Pro Val Gly Ser His Asn Leu Lys Ala Ala Ala Lys Ala Lys Leu
35 40 45

Gly Tyr Asp Pro
50

<210> 2550

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S459F"

<400> 2550
Tyr Asp Pro Val Glu Leu Asp Pro Glu Asp Met Cys Arg Met Ala Thr
1 5 10 15

Glu Gln Pro Gln Thr Leu Ala Thr Tyr Phe Phe Val Ser Asp Ala Val
20 25 30

Ala Thr Tyr Tyr Leu Tyr Met Lys Tyr Val His Pro Phe Ile Phe Ala
35 40 45

Leu Cys Thr Ile
50

<210> 2551
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R573L"

<400> 2551
Glu Ser Gly Val Phe Arg Ser Asp Ile Pro Cys Arg Phe Arg Met Asn
1 5 10 15

Pro Ala Ala Phe Asp Phe Leu Leu Gln Leu Leu Val Glu Lys Thr Leu
20 25 30

Arg His Ala Leu Glu Glu Glu Glu Lys Val Pro Val Glu Gln Val Thr
35 40 45

Asn Phe Glu Glu
50

<210> 2552

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P286R"

<400> 2552
Asp Asp Leu Val Glu Arg Pro Asp Pro Val Val Leu Ala Phe Asp Ile
1 5 10 15

Glu Thr Thr Lys Leu Pro Leu Lys Phe Arg Arg Asp Ala Glu Thr Asp
20 25 30

Gln Ile Met Met Ile Ser Tyr Met Ile Asp Gly Gln Gly Tyr Leu Ile
35 40 45

Thr Asn Arg Glu
50

<210> 2553
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P97fs"

<400> 2553
Glu Glu Thr Ser Ala Glu Glu Ala Val Ser Trp Gln Glu Arg Arg Met
1 5 10 15

Ala Ala Ala Pro Pro Gly Cys Thr Pro Gln Leu Cys Trp Thr
20 25 30

<210> 2554
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R860Q"

<400> 2554
Asn Ala Val Pro Phe Lys Ser Ala Arg Lys Ala Val Asp Glu Glu Glu
1   5   10   15

Glu Ala Val Glu Glu Arg Arg Asn Met Gln Gln Thr Ile Trp Val Thr
            20   25   30

Gly Arg Lys Gly Leu Thr Glu Arg Glu Ala Ala Ala Leu Ile Val Glu
        35   40   45

Glu Ala Arg Met
    50

<210> 2555
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K332Q"

<400> 2555
Ile Phe Ser Val Glu Ser Thr Gly Val Leu Pro Pro Asp Val Leu Val
1   5   10   15

Ser Glu Ala Ile Lys Val Leu Met Gly Gln Gln Cys Arg Arg Phe Leu
            20   25   30

Asp Glu Leu Asp Ala Val Gln Met Asp
        35   40

<210> 2556
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.L372F"

<400> 2556
Gly Asp Asn Lys Val Asp Asp Arg Asp Tyr Tyr Gly Asn Lys Arg Leu
1   5   10   15

Glu Leu Ala Gly Gln Leu Leu Ser Leu Phe Phe Phe Glu Asp Leu Phe
            20   25   30

Lys Lys Phe Asn Ser Glu Met Lys Lys Ile Ala Asp Gln Val Ile Pro
        35   40   45

Lys Gln Arg Ala
    50

<210> 2557
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P231T"

<400> 2557
Gly Arg Arg Asn Leu Gln Pro Arg Pro Ser Ala Phe Lys Pro Leu Ser
1   5   10   15

Lys Asn Gly Ala Val Ala Ser Phe Val Thr Thr Arg Pro Gly Pro Leu
            20   25   30

Lys Pro Ser Leu Gly Pro Trp Ser Leu Ser Phe Cys Asp Asp Ala Trp
        35   40   45

Pro Ser Val Leu
    50

<210> 2558
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P242H"

<400> 2558
Phe Lys Pro Leu Ser Lys Asn Gly Ala Val Ala Ser Phe Val Pro Arg
1   5   10   15

Pro Gly Pro Leu Lys Pro Ser Leu Gly His His Trp Ser Leu Ser Phe
            20   25   30

Cys Asp Asp Ala Trp Pro Ser Val Leu Val Gln Pro Ala Pro Ser Ala
        35   40   45

Ile Trp Asp Phe
    50

<210> 2559
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R306Q"

<400> 2559
Trp Val Gly Cys His Pro Asn Gly Met Lys Ile Phe Phe Tyr Asp Ser
1   5   10   15

Glu Asn Pro Pro Ala Ser Glu Val Leu Gln Gln Ile Gln Asn Ile Leu
            20   25   30

Thr Glu Glu Pro Lys Val Thr Gln Val Tyr Ala Glu Asn Gly Thr Val
        35   40   45

Leu Gln Gly Ser
    50

<210> 2560
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K750fs"

<400> 2560
Val Ala Ser Ser Pro Asn Gly Lys Glu Ser Asp Leu Arg Arg Ser Glu
1   5   10   15

Val Pro Cys Ala Pro Met Pro Lys Lys Leu Ile Ser His Leu Met Lys
            20   25   30

Trp Ala His Pro
        35

<210> 2561
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R508C"

<400> 2561
Gly Ala Ile His Ile Phe Arg Glu Ile Ile Lys Pro Ala Glu Lys Ser
1   5   10   15

Leu His Glu Lys Leu Lys Gln Asp Lys Cys Cys Phe Ser Thr Phe Leu
            20   25   30

Ser Leu Leu Glu Ala Ala Asp Leu Lys Glu Leu Leu Thr Gln Pro Gly
        35   40   45

Asp Trp Thr Leu
    50

<210> 2562
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K507E"

<400> 2562
Glu Glu Gln Asn Thr Gly Ile Ser Gln Asp Glu Ile Leu Thr Asn Lys

1 5 10 15

Gln Lys Gln Ile Glu Val Ala Glu Lys Glu Glu Met Asn Ser Glu Leu
20 25 30

Ser Leu Ser His Lys Lys Glu Glu Asp Leu Leu Arg Glu Asn Ser Met
35 40 45

Leu Gln Glu Glu
50

<210> 2563
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V166M"

<400> 2563
Asp Lys Leu His Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp
1 5 10 15

Leu Ile Val Met Leu Arg Asp Thr Asp Met Met Asn Lys Lys Asp Lys
20 25 30

Gln Lys Arg Thr Ala Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu
35 40 45

Val Val Lys Leu
50

<210> 2564
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V288M"

<400> 2564
Ala Asp Ile Glu Ser Lys Asn Lys His Gly Leu Thr Pro Leu Leu Leu

1 5 10 15

Gly Val His Glu Gln Lys Gln Gln Val Met Met Lys Phe Leu Ile Lys
20 25 30

Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr Gly Arg Thr Ala Leu
35 40 45

Ile Leu Ala Val
50

<210> 2565
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R303I"

<400> 2565
Leu Gly Val His Glu Gln Lys Gln Gln Val Val Lys Phe Leu Ile Lys
1 5 10 15

Lys Lys Ala Asn Leu Asn Ala Leu Asp Ile Ile Tyr Gly Arg Thr Ala
20 25 30

Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile Val Ser Leu Leu
35 40 45

Leu Glu Gln Asn
50

<210> 2566
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K674N"

<400> 2566
Ser Thr Leu Arg Glu Glu Ile Ala Met Leu Arg Leu Glu Leu Asp Thr

1 5 10 15

Met Lys His Gln Ser Gln Leu Arg Glu Asn Asn Lys Tyr Leu Glu Asp
20 25 30

Ile Glu Ser Val Lys Lys Arg Asn Asp Asn Leu Leu Lys Ala Leu Gln
35 40 45

Leu Asn Glu Leu
50

<210> 2567
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S112G"

<400> 2567
Asp Asp Ser Ala Met Lys Thr Leu Arg Asn Lys Met Gly Lys Trp Cys
1 5 10 15

Cys His Cys Phe Pro Cys Cys Arg Gly Gly Gly Ser Lys Ser Lys Val
20 25 30

Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe Met Glu Pro Arg Tyr
35 40 45

His Val Arg Gly
50

<210> 2568
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D51N"

<400> 2568
Lys Trp Cys Arg His Cys Phe Pro Trp Cys Arg Gly Ser Gly Lys Ser

1 5 10 15

Asn Val Gly Thr Ser Gly Asp His Asp Asn Asn Ser Ala Met Lys Thr
20 25 30

Leu Arg Ser Lys Met Gly Lys Trp Cys Arg His Cys Phe Pro Trp Cys
35 40 45

Arg Gly Ser Ser
50

<210> 2569
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R136H"

<400> 2569
Gly Ser Gly Lys Ser Lys Val Gly Pro Trp Gly Asp Tyr Asp Asp Ser
1 5 10 15

Ala Phe Met Glu Pro Arg Tyr His Val His His Arg Glu Asp Leu Asp
20 25 30

Lys Leu His Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu
35 40 45

Ile Val Met Leu
50

<210> 2570
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T239A"

<400> 2570
Arg Ile Lys Leu Gly Phe Thr Gln Gly Asp Val Gly Leu Ala Met Gly

1 5 10 15

Lys Leu Tyr Gly Asn Asp Phe Ser Gln Ala Ala Thr Ile Ser Arg Phe
20 25 30

Glu Ala Leu Asn Leu Ser Phe Lys Asn Met Cys Lys Leu Lys Pro Leu
35 40 45

Leu Glu Lys Trp
50

<210> 2571
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T239S"

<400> 2571
Arg Ile Lys Leu Gly Phe Thr Gln Gly Asp Val Gly Leu Ala Met Gly
1 5 10 15

Lys Leu Tyr Gly Asn Asp Phe Ser Gln Ser Ser Thr Ile Ser Arg Phe
20 25 30

Glu Ala Leu Asn Leu Ser Phe Lys Asn Met Cys Lys Leu Lys Pro Leu
35 40 45

Leu Glu Lys Trp
50

<210> 2572
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D321Y"

<400> 2572
Gly Gly Gly Gly Gly Ala Gly Pro Gly Leu Asn Ser His Asp Pro His

1 5 10 15

Ser Asp Glu Asp Thr Pro Thr Ser Asp Tyr Tyr Leu Glu Gln Phe Ala
20 25 30

Lys Gln Phe Lys Gln Arg Arg Ile Lys Leu Gly Phe Thr Gln Ala Asp
35 40 45

Val Gly Leu Ala
50

<210> 2573
<211> 93
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P135fs"

<400> 2573
Ala Phe Pro Ala Leu Asp Gly Gly Asp Ala Leu Ser Cys Thr Ser Ala
1 5 10 15

Ser Pro Ala Pro Ser Ser Ala Pro Pro Ala Leu Pro Arg Arg Ser Pro
20 25 30

Arg Pro Gln Pro Leu Arg Trp Thr Ser Ser His Cys Cys Arg Ser Ser
35 40 45

Ser Trp Pro His Pro Thr Gln His Gln Ala Leu Thr Pro Arg Arg Lys
50 55 60

Gly Pro Pro Gly Ala Arg Gln Ala Ser Asp Leu Lys Val Asn Gly Leu
65 70 75 80

Val Leu Arg Arg Thr Ala Pro Lys Thr Arg Arg Leu Pro
85 90

<210> 2574
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S382R"

<400> 2574
Pro Lys Gln Asp Thr Lys Tyr Asp Leu Ile Leu Asp Glu Gln Ala Glu
1   5   10   15

Asp Ser Lys Ser Ser His Ser His Thr Arg Arg Lys Lys His Lys Lys
            20   25   30

Lys Thr His His Cys Ser Glu Glu Lys Glu Asp Glu Asp Tyr Met Pro
        35   40   45

Ile Lys Asn Thr
    50

<210> 2575
<211> 61
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P454fs"

<400> 2575
Gly Glu Ser Trp Glu Leu Met Asp Ser Ala Gly Asn Lys Leu Ile Ala
1   5   10   15

Pro Ala Val Cys Phe Val Ile Pro Pro Gln Thr Leu Arg Pro Trp Leu
            20   25   30

Trp Leu Thr Ala Trp Ala Ala Ser Thr Gly Ala Cys Gly Arg Arg Gln
        35   40   45

Leu Gly Ala Asn Ala Arg Cys Ser Ser Gly Met Arg Cys
    50   55   60

<210> 2576
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H326Y"

<400> 2576
Asp Trp Lys Glu Tyr Leu Asn Leu Leu Ile Cys Glu Glu Ser His Leu
1   5   10   15

Lys Tyr Met Glu Asp Tyr His Gln Phe Tyr Tyr Glu Asp Val Lys Asp
            20   25   30

Ala Gln Glu Leu Leu Arg Lys Val Asp Ser Asp Leu Asn Gln Lys Tyr
        35   40   45

Gly Pro Asp Phe
    50

<210> 2577
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R311W"

<400> 2577
Ile His Leu His Val Asn Leu Val Arg Gln Glu Met Phe Pro His Asp
1   5   10   15

Pro Ala Glu Ala Leu Cys Arg Ala Phe Trp Trp Val Thr Asp Glu Arg
            20   25   30

Phe Val Gln Lys Ala Ala Arg Glu Ser Leu Arg Cys Gly Thr Thr Gly
        35   40   45

Val Val Thr Phe
    50

<210> 2578
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P226fs"

<400> 2578
Asn Ser Arg Thr Leu Thr Arg Ala Ala Ser Leu Arg Gly Gly Val Gly
1   5   10   15

Ala Pro Gly Ser Pro Ser Thr Pro Pro His Ala Ser Leu Pro Arg Arg
            20   25   30

Arg Phe Pro Met Ser Ala Trp Ser Ser Glu Arg Leu Lys Val His Ser
        35   40   45

Arg Lys Trp Thr Tyr Arg
    50

<210> 2579
<211> 75
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P372fs"

<400> 2579
Leu Ser Ser Arg Glu Lys Ile Ser Leu Gln Asp Leu Ser Lys Glu Arg
1   5   10   15

Arg Pro Gly Gly Ala Gly Gly Pro Pro Ser Arg Thr Arg Met Arg Gly
            20   25   30

Lys Lys Val Pro Pro Asn His Pro Leu Gln Asn Pro Glu Pro Ser Met
        35   40   45

Ala Ser Pro Pro Arg Arg Thr Pro Ala Leu Arg Val Pro Cys Ser Leu
    50   55   60

Lys Arg Pro Pro Ser Pro Gly Ala Leu Ala Ser
65   70   75

<210> 2580
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P179R"

<400> 2580
Cys Tyr Pro Arg Val Ser Ser Ala Val Lys Ala Glu Leu Arg Gln Tyr
1 5 10 15

Phe Arg Asn Leu Cys Ser Asp Asp Thr Arg Arg Met Val Arg Arg Ala
20 25 30

Ala Ala Ser Lys Leu Gly Glu Phe Ala Lys Val Leu Glu Leu Asp Asn
35 40 45

Val Lys Ser Glu
50

<210> 2581
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R183W"

<400> 2581
Val Ser Ser Ala Val Lys Ala Glu Leu Arg Gln Tyr Phe Arg Asn Leu
1 5 10 15

Cys Ser Asp Asp Thr Pro Met Val Arg Trp Trp Ala Ala Ala Ser Lys
20 25 30

Leu Gly Glu Phe Ala Lys Val Leu Glu Leu Asp Asn Val Lys Ser Glu
35 40 45

Ile Ile Pro Met
50

<210> 2582
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S219L"

<400> 2582
Lys Val Leu Glu Leu Asp Asn Val Lys Ser Glu Ile Ile Pro Met Phe
1 5 10 15

Ser Asn Leu Ala Ser Asp Glu Gln Asp Leu Leu Val Arg Leu Leu Ala
20 25 30

Val Glu Ala Cys Val Asn Ile Ala Gln Leu Leu Pro Gln Glu Asp Leu
35 40 45

Glu Ala Leu Val
50

<210> 2583
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S256F"

<400> 2583
Ile Ala Gln Leu Leu Pro Gln Glu Asp Leu Glu Ala Leu Val Met Pro
1 5 10 15

Thr Leu Arg Gln Ala Ala Glu Asp Lys Phe Phe Trp Arg Val Arg Tyr
20 25 30

Met Val Ala Asp Lys Phe Thr Glu Leu Gln Lys Ala Val Gly Pro Glu
35 40 45

Ile Thr Lys Thr
50

<210> 2584
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P326L"

<400> 2584
Ser Lys Gly Thr Ile Arg Leu Cys Asp Met Arg Ala Ser Ala Leu Cys
1 5 10 15

Asp Arg His Thr Lys Phe Phe Glu Glu Leu Leu Glu Asp Pro Ser Asn
20 25 30

Arg Ser Phe Phe Ser Glu Ile Ile Ser Ser Ile Ser Asp Val Lys Phe
35 40 45

Ser His Ser Gly
50

<210> 2585
<211> 94
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T389fs"

<400> 2585
Arg Lys Val Gln Lys Glu Gly Lys Ile Ser Tyr Ala Asp Phe Val Trp
1 5 10 15

Phe Leu Ile Ser Glu Glu Asp Lys Lys His Arg Pro Ala Ser Ser Thr
20 25 30

Gly Ser Ala Ala Trp Thr Trp Thr Gly Thr Ala Pro Cys Pro Cys Ser
35 40 45

Ser Ser Ser Thr Ser Thr Arg Ser Ser Ala Glu Gly Trp Thr Ala Trp
50 55 60

Pro Ser Arg Pro Cys Pro Ser Arg Thr Ala Ser Ala Arg Cys Trp Thr
65 70 75 80

Trp Ser Ser Arg Gly Leu Lys Gly Arg Ser Arg Cys Arg Thr

85 90

<210> 2586
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F310L"

<400> 2586
Glu Leu Arg Arg Ser Ser Phe Leu Gln Asn Val Ala Leu Leu Glu Glu
1 5 10 15

Glu Ala Asp Ile Asn Gln Leu Thr Glu Leu Leu Phe Ser Tyr Glu His
20 25 30

Phe Tyr Val Ile Tyr Cys Lys Phe Trp Glu Leu Asp Thr Asp His Asp
35 40 45

Leu Leu Ile Asp
50

<210> 2587
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S259Y"

<400> 2587
Gly Phe Ala Leu Pro Leu Lys Glu Glu His Lys Ile Phe Leu Leu Lys
1 5 10 15

Val Leu Leu Pro Leu His Lys Val Lys Tyr Tyr Leu Ser Val Tyr His
20 25 30

Pro Gln Leu Ala Tyr Cys Val Val Gln Phe Leu Glu Lys Asp Ser Thr
35 40 45

Leu Thr Glu Pro

50

<210> 2588
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L597F"

<400> 2588
Asp Ser Val Pro Leu Ile Ser Asp Ala Val Glu Asn Met Asp Ser Thr
1 5 10 15

Leu His Tyr Ile His Ser Asp Ser Asp Phe Phe Ser Asn Asn Ser Ser
20 25 30

Phe Ser Pro Asp Glu Glu Arg Arg Thr Lys Val Gln Asp Val Val Pro
35 40 45

Gln Ala Leu Leu
50

<210> 2589
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R301C"

<400> 2589
Leu Val His Glu Gly Tyr Lys Phe Met Phe Asp Glu Lys Leu Val Thr
1 5 10 15

Val Trp Ser Ala Pro Asn Tyr Cys Tyr Cys Cys Cys Gly Asn Ile Ala
20 25 30

Ser Ile Met Val Phe Lys Asp Val Asn Thr Arg Glu Pro Lys Leu Phe
35 40 45

Arg Ala Val Pro

50

<210> 2590
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R265L"

<400> 2590
Trp Gln Ser Ser Phe Phe Gly Phe Tyr Asp Ala Asn Glu Thr Val Leu
1 5 10 15

Glu Met Glu Glu Gln Leu Val Tyr Leu Leu Leu Asp Ser Phe Gly Leu
20 25 30

Lys Thr Leu Leu Ala Arg Gly Ala Ile Val Arg Cys Pro Met Ala Gly
35 40 45

Ile Ser His Thr
50

<210> 2591
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A268T"

<400> 2591
Gln Pro Glu Phe Ser Glu Ala Ala Gln Thr Pro Leu Trp Lys Pro Gln
1 5 10 15

Ser Ser Glu Pro Lys Arg Asp Ser Ser Thr Thr Phe Pro Lys Lys Ala
20 25 30

Ser Gln Pro Pro Leu Ser Asp Phe Pro Lys Lys Pro Pro Gln Pro Glu
35 40 45

Leu Gly Asp Leu

50

<210> 2592
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C84S"

<400> 2592
Lys Leu Gln Val Leu Asp Leu Gln Asp Val Cys Glu Asn Phe Trp Met
1 5 10 15

Val Trp Ser Glu Ala Met Ala His Gly Ser Ser Phe Leu Asn Ala Lys
20 25 30

Arg Asn Lys Thr Pro Val Gln Asp Cys Pro Arg Met Arg Glu Arg Gln
35 40 45

Pro Leu Thr Val
50

<210> 2593
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R104Q"

<400> 2593
Ala Met Ala His Gly Cys Phe Leu Asn Ala Lys Arg Asn Lys Thr Pro
1 5 10 15

Val Gln Asp Cys Pro Arg Met Arg Glu Gln Gln Gln Pro Leu Thr Val
20 25 30

Phe Val Glu Leu Trp Leu Lys Asn Arg Thr Leu Asp Glu Tyr Leu Thr
35 40 45

Cys Leu Leu Leu

50

<210> 2594
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R248H"

<400> 2594
Leu Thr Gln Phe Thr Pro Tyr Leu Gly His Met Arg Asn Leu Gln Lys
1 5 10 15

Leu Ile Leu Ser His Met Asp Val Ser His His Tyr Val Ser Pro Glu
20 25 30

Gln Lys Lys Glu Ile Val Thr Gln Phe Thr Thr Gln Phe Leu Lys Leu
35 40 45

Arg Cys Leu Gln
50

<210> 2595
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I448V"

<400> 2595
Ala Leu Cys Trp Gly Arg Phe Ala Glu Leu Gly Ala Glu Leu Met Lys
1 5 10 15

Thr Pro Arg Asp Leu Arg Gln Pro Lys Val Val Ile Val Phe Cys Thr
20 25 30

Val Pro Cys Pro Arg Cys Gly Ile Arg Ala Ser Tyr Asp Leu Glu Pro
35 40 45

Ser His Cys Leu

50

<210> 2596
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R319H"

<400> 2596
Leu Glu Met Val Val Met Thr Asp Cys Leu Leu Ser Glu Ser Asp Leu
1 5 10 15

Lys His Leu Ser Trp Cys Pro Ser Ile His His Gln Leu Lys Glu Leu
20 25 30

Asp Leu Arg Gly Val Thr Leu Thr His Phe Ser Pro Glu Pro Leu Thr
35 40 45

Gly Leu Leu Glu
50

<210> 2597
<211> 95
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R274fs"

<400> 2597
Lys Pro Gln Gly Pro Pro Pro Pro Gly Lys Pro Gln Gly Pro Pro Ala
1 5 10 15

Gln Gly Gly Ser Lys Ser Gln Ser Ala Asp Leu Leu Gln Glu Ser His
20 25 30

Lys Asp His Pro Asn Lys Lys Ala Thr Ile Leu Lys Val Pro His Leu
35 40 45

Gln Gln Glu Ala Ile Pro Ser Ser Leu Arg His Leu Leu Leu Asp Ser

50 55 60

Pro Arg Asp His His Ala Leu Leu Lys Gly Ala Asp Leu Pro Asp Leu
65 70 75 80

Pro Ser Asp Ser Leu Pro Ser His Leu Gly Phe Asn Asp Arg Lys
85 90 95

<210> 2598
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S588C"

<400> 2598
Pro Tyr Pro Leu Lys Lys Gln Asn Gly Lys Ile Lys Tyr Glu Cys Asn
1 5 10 15

Val Cys Ala Lys Thr Phe Gly Gln Leu Cys Cys Asn Leu Lys Val His
20 25 30

Leu Arg Val His Ser Gly Glu Arg Pro Phe Lys Cys Gln Thr Cys Asn
35 40 45

Lys Gly Phe Thr
50

<210> 2599
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1036L"

<400> 2599
His Leu Cys Asn Arg Cys Phe Gly Gln Gln Thr Asn Leu Asp Arg His
1 5 10 15

Leu Lys Lys His Glu His Glu Asn Ala Leu Leu Val Ser Gln His Pro

20 25 30

Gly Val Leu Thr Asn His Leu Gly Thr Ser Ala Ser Ser Pro Thr Ser
35 40 45

Glu Ser Asp Asn
50

<210> 2600
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E271Q"

<400> 2600
Arg Arg His Lys Lys Tyr Thr Cys Gly Ser Val Gly Ala Ala Leu Tyr
1 5 10 15

Glu Gly Leu Ala Glu Glu Leu Lys Pro Gln Gln Gly Leu Gly Gly Gly
20 25 30

Ser Gly Gln Ala His Glu Cys Lys Asp Cys Glu Arg Met Phe Pro Asn
35 40 45

Lys Tyr Ser Leu
50

<210> 2601
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.*802K"

<400> 2601
Asp Ser Val Gly Thr Glu Asp Cys Arg Ile Asn Ser Ala Val Tyr Ser
1 5 10 15

Ala Asp Glu Ser Leu Ser Ala His Lys Lys Lys Lys Glu Lys Lys Gln

20 25 30

Ala Ile Leu Asp Glu Asn Ala Asn Gly Lys Ile His Ile Thr Ser Tyr
35 40 45

Leu Leu
50

<210> 2602
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M387L"

<400> 2602
Gly Gln Glu Leu Gly Ile Arg Ser Ser Ile Glu Pro Ala Glu Ser Leu
1 5 10 15

Gly Gln Ala Val Asn Cys Trp Ser Gly Leu Leu Gly Met Ser Met Ala
20 25 30

Arg Asn Trp Ala Ser Ser Gly Ala Ala Ser Gly Arg Lys Ser Ser Trp
35 40 45

Gln Gly Glu Asn
50

<210> 2603
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D201Y"

<400> 2603
Leu Arg Leu Ser Gln Asn His Ile Ser Arg Ile Pro Pro Gly Val Phe
1 5 10 15

Ser Lys Leu Glu Asn Leu Leu Leu Leu Tyr Tyr Leu Gln His Asn Arg

20 25 30

Leu Ser Asp Gly Val Phe Lys Pro Asp Thr Phe His Gly Leu Lys Asn
35 40 45

Leu Met Gln Leu
50

<210> 2604
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F469L"

<400> 2604
Ser Lys Asp Gly Thr Lys Ile Pro Met Phe Ile Val His Lys Lys Gly
1 5 10 15

Ile Lys Leu Asp Gly Ser His Pro Ala Leu Leu Leu Tyr Gly Tyr Gly
20 25 30

Gly Phe Asn Ile Ser Ile Thr Pro Asn Tyr Ser Val Ser Arg Leu Ile
35 40 45

Phe Val Arg His
50

<210> 2605
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V731I"

<400> 2605
Ala Lys Glu Ile Ile Lys Ile Pro Asp Gln Pro Asp Thr Leu Cys Phe
1 5 10 15

Gln Ile Arg Gly Ala Ala Pro Pro Tyr Ile Ile Tyr Ala Val Gly Arg

20 25 30

Gly Ser Glu Ala Met Ala Ala Gly Leu Cys Ala Gly Gln Cys Ile Leu
35 40 45

Lys Val Asn Gly
50

<210> 2606
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1246K"

<400> 2606
Cys Leu Glu His Leu Phe Asn Gln Val Asp Ser Ile Asn Ala Leu Leu
1 5 10 15

Lys Gly Pro Val Met Ser Arg Ala Phe Lys Lys Glu Thr Lys His Phe
20 25 30

Pro Met Asn His Ser Leu Gln Glu Phe Lys Gln Lys Glu Glu Cys Thr
35 40 45

Ile Arg Gly Arg
50

<210> 2607
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R363Q"

<400> 2607
Trp Phe Val Cys Met Ala Lys Thr Pro Glu Glu Lys His Glu Trp Phe
1 5 10 15

Glu Ala Ile Leu Lys Glu Arg Glu Arg Gln Gln Lys Gly Leu Lys Leu

20 25 30

Gly Met Glu Gln Asp Thr Trp Val Met Ile Ser Glu Gln Gly Glu Lys
35 40 45

Leu Tyr Lys Met
50

<210> 2608
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.R562fs"

<400> 2608
Cys Asp Asn Gly Phe Met His His Val Leu Glu Lys Ser Glu Phe Lys
1 5 10 15

Asp Glu Pro Leu Leu Phe Arg Phe Phe Phe Gly
20 25

<210> 2609
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N675H"

<400> 2609
Pro Thr Thr Pro Glu Glu Pro Thr Pro Thr Thr Pro Glu Glu Pro Ala
1 5 10 15

Pro Thr Thr Pro Lys Ala Ala Ala Pro His His Thr Pro Lys Glu Pro
20 25 30

Ala Pro Thr Thr Pro Lys Glu Pro Ala Pro Thr Thr Pro Lys Glu Pro
35 40 45

Ala Pro Thr Thr

50

<210> 2610
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1289Q"

<400> 2610
Leu Phe Trp Val Gln Ile Val Leu Trp Arg Gln Gly Phe Tyr Tyr Pro
1 5 10 15

Leu Gly Ile Val Arg Glu Val Leu Pro Gln Gln Ala Ser Thr Trp Glu
20 25 30

Gln Gly Leu Arg Ile Leu Gly Leu Glu Tyr Ser Leu Arg Val Pro Pro
35 40 45

Ser Asp Gln Ala
50

<210> 2611
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R407Q"

<400> 2611
Cys Pro Leu Asp Ala Leu Asn Thr Thr Lys Pro Lys Ser Leu Ala Val
1 5 10 15

Lys Lys Ala Lys Trp His Leu Gly Ile Gln Gln Ser Gln Ser Lys Pro
20 25 30

Tyr Asp Ile Met Ala Glu Val Tyr Arg Ala Met Lys Gln Leu Asp Phe
35 40 45

Glu Trp Lys Val

50

<210> 2612
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P104H"

<400> 2612
Pro Thr Val Phe Arg Trp Thr Gly Gly Gly Lys Glu Val Tyr Leu Ser
1 5 10 15

Gly Ser Phe Asn Asn Trp Ser Lys Leu His His Leu Thr Arg Ser His
20 25 30

Asn Asn Phe Val Ala Ile Leu Asp Leu Pro Glu Gly Glu His Gln Tyr
35 40 45

Lys Phe Phe Val
50

<210> 2613
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S309L"

<400> 2613
Glu Arg Leu Lys Val Val Asp Val Ile Gly Thr Lys Val Tyr Asn Asp
1 5 10 15

Gly Glu Gln Ile Ile Ala Gln Gly Asp Leu Leu Ala Asp Ser Phe Phe
20 25 30

Ile Val Glu Ser Gly Glu Val Lys Ile Thr Met Lys Arg Lys Gly Lys
35 40 45

Ser Glu Val Glu

50

<210> 2614
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.G432fs"

<400> 2614
Phe Leu Thr His Leu Ile Cys Thr Phe Gln Thr Lys Asp His Leu Phe
1 5 10 15

Phe Val Met Glu Phe Leu Asn Gly Gly Thr
20 25

<210> 2615
<211> 140
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q157fs"

<400> 2615
Ser Ser Gly Glu Ala Pro Lys Asp Asn Glu Glu Arg Val Phe Arg Glu
1 5 10 15

Arg Met Arg Pro Arg Lys Arg Gln Gly Gly Arg Gln Ala Gln Gly Pro
20 25 30

Ser Gly Gln Arg Pro Gln Val His Gly His Leu Ser Ser Ala Ala His
35 40 45

Leu Leu Leu Pro Leu Gln Arg Leu His Leu Gly Cys His Arg Lys Ala
50 55 60

Gly Ile Pro Val Ser Ser Leu His Leu Arg Gly Pro Gln Ala Val Pro
65 70 75 80

Arg Ala His Asn His Lys Val Cys Trp Val Lys Glu Ala Gly Asp Pro

```
                85                  90                  95

Arg Pro Gly Gly Leu Pro Ala Val Gln Arg Gln His Ala Pro Gln Val
            100                 105                 110

Arg Tyr Pro Gln Leu Gln Gly Pro Tyr Leu Leu Arg Ser Leu Trp Val
        115                 120                 125

Pro Ala Leu Gly Thr Leu Ala Ala Gly Phe Ala Val
    130                 135                 140


<210> 2616
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R345C"

<400> 2616
Ser Ser Ser Pro Ile Pro Ser Pro Ser Pro Ser Pro Thr Asp Pro Lys
1               5                   10                  15

Arg Cys Phe Phe Gly Ala Ser Pro Gly Cys Cys Leu His Ile Ser Asp
            20                  25                  30

Phe Ser Phe Leu Met Val Leu Gly Lys Gly Ser Phe Gly Lys Val Met
        35                  40                  45

Leu Ala Glu Arg
    50


<210> 2617
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R480C"

<400> 2617
Ile Val Gly Ser Ser Asp Asn Pro Asp Gln Asn Thr Glu Asp Tyr Leu
```

1 5 10 15

Phe Gln Val Ile Leu Glu Lys Gln Ile Cys Cys Ile Pro Arg Ser Leu
20 25 30

Ser Val Lys Ala Ala Ser Val Leu Lys Ser Phe Leu Asn Lys Asp Pro
35 40 45

Lys Glu Arg Leu
50

<210> 2618
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A324V"

<400> 2618
Gly Met Asn Val His His Arg Cys Gln Thr Lys Val Ala Asn Leu Cys
1 5 10 15

Gly Ile Asn Gln Lys Leu Met Ala Glu Val Val Leu Ala Met Ile Glu
20 25 30

Ser Thr Gln Gln Ala Arg Cys Leu Arg Asp Thr Glu Gln Ile Phe Arg
35 40 45

Glu Gly Pro Val
50

<210> 2619
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q3568E"

<400> 2619
Asp Thr Ser Thr Gly His Lys Asn Lys Glu Phe Val Ala Arg Ile Lys

1 5 10 15

Ser Lys Leu Asp Gln Gly Gly Val Ile Glu Glu Asp Phe Ile Asn Ala
20 25 30

Leu Asp Gln Leu Ser Asn Pro Glu Leu Leu Phe Lys Asp Trp Ser Asn
35 40 45

Asp Val Arg Ala
50

<210> 2620
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K122N"

<400> 2620
Asn Ile Leu Lys Ala Asn Ala Ser Ile Cys Phe Ala Val Pro Asp Pro
1 5 10 15

Leu Met Pro Asp Pro Ser Lys Gln Pro Asn Asn Asn Gln Leu Asn Pro
20 25 30

Ile Gly Ser Leu Gln Glu Leu Ala Ile His His Gly Trp Arg Leu Pro
35 40 45

Glu Tyr Thr Leu
50

<210> 2621
<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S28fs"

<400> 2621
Ser Ser Arg Cys Leu Leu Leu Arg Arg Lys Met Ala Glu Asn Ala Ala

1 5 10 15

Glu Ser Thr Glu Val Asn Ser Pro Pro Pro Ser Pro Pro Ser Pro Ser
20 25 30

Ser Leu Leu Ser Pro Cys Asn Ala Ser Ile Met Cys Pro Leu Asn Pro
35 40 45

Ala Ala Gln Asp Gly Ala Arg Cys Pro Ser Cys
50 55

<210> 2622
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S31P"

<400> 2622
Ser Ser Arg Cys Leu Leu Leu Arg Arg Lys Met Ala Glu Asn Ala Ala
1 5 10 15

Glu Ser Thr Glu Val Asn Ser Pro Pro Pro Pro Gln Pro Pro Gln Pro
20 25 30

Val Val Pro Ala Lys Pro Val Gln Cys Val His His Val Ser Thr Gln
35 40 45

Pro Ser Cys Pro
50

<210> 2623
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L527V"

<400> 2623
Thr Val Arg Phe Ala Leu Arg Arg Met Glu Glu Leu Gly Leu His Pro

1 5 10 15

Ala Asp His Arg Val Tyr Phe Gly Gln Val Val Leu Gly Met Cys Asp
20 25 30

Gln Ile Ser Phe Pro Leu Gly Gln Ala Gly Tyr Pro Val Tyr Lys Tyr
35 40 45

Val Pro Tyr Gly
50

<210> 2624
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V297I"

<400> 2624
Lys Thr Val Leu Val Leu Met Cys Ile Leu Thr Ala Tyr Val Leu Cys
1 5 10 15

Trp Ala Pro Phe Tyr Gly Phe Thr Ile Ile Ile Arg Asp Phe Phe Pro
20 25 30

Thr Val Phe Val Lys Glu Lys His Tyr Leu Thr Ala Phe Tyr Val Val
35 40 45

Glu Cys Ile Ala
50

<210> 2625
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F592fs"

<400> 2625
Ser Pro Tyr Ser Gly Ser Ala Met Gln Glu Gly Leu Ser Pro Asn His

1 5 10 15

Leu Lys Lys Ala Lys Leu Met Phe Phe Ile Pro Val Ile Pro Ala Pro
20 25 30

Ile Cys

<210> 2626
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V225D"

<400> 2626
Pro Arg Glu Ser Tyr Arg Glu Asn Lys Arg Lys Gln Lys Leu Pro Gln
1 5 10 15

Gln Gln Gln Gln Ser Phe Gln Gln Leu Asp Asp Ser Ala Arg Lys Glu
20 25 30

Gln Lys Arg Glu Glu Arg Arg Gln Leu Lys Gln Gln Leu Glu Asp Met
35 40 45

Gln Lys Gln Leu
50

<210> 2627
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R289W"

<400> 2627
Ser Thr Ser Val Leu Pro His Thr Gly Tyr Ile Tyr His Ser Asp Ile
1 5 10 15

Val Gln Ser Leu Pro Pro Asp Leu Arg Trp Trp Lys Ala Ala Arg Leu

20 25 30

Val Ala Ala Lys Cys Thr Leu Ala Ala Arg Val Asp Ser Phe His Glu
35 40 45

Ser Thr Glu Gly
50

<210> 2628
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R763L"

<400> 2628
Lys Cys Pro His Ser Thr Pro Leu Trp Leu Leu Leu Ser Arg Leu Glu
1 5 10 15

Glu Lys Ile Gly Gln Leu Thr Arg Ala Leu Leu Ala Ile Leu Glu Lys
20 25 30

Ser Arg Leu Lys Asn Pro Lys Asn Pro Gly Leu Trp Leu Glu Ser Val
35 40 45

Arg Leu Glu Tyr
50

<210> 2629
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1883T"

<400> 2629
Ser Ala Ser Ile Pro Ile Leu Ala Ser Ala Leu Ala Ser Thr Ser Ala
1 5 10 15

Pro Thr Pro Ala Pro Ala Ala Ser Ser Thr Thr Ala Ala Pro Val Ile

20 25 30

Thr Ala Pro Thr Ile Pro Ala Ser Ala Pro Thr Ala Ser Val Pro Leu
35 40 45

Ala Pro Ala Ser
50

<210> 2630
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A196V"

<400> 2630
Asp Val Thr Ala Val Glu Gln Pro Ile Val Pro Arg Pro Ala Pro Arg
1 5 10 15

Pro Thr Asp Tyr Leu Ser Trp Gly Thr Val Val Ser Pro Tyr Ser Ala
20 25 30

Met Ala Thr Tyr Ser Ala Thr Cys Ala Asn Asn Ser Pro Ala Gln Gly
35 40 45

Ile Asn Met Ala
50

<210> 2631
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D107N"

<400> 2631
Glu Gly Asn Glu Gln Phe Ile Asn Ala Ala Lys Ile Ile Arg His Pro
1 5 10 15

Gln Tyr Asp Arg Lys Thr Leu Asn Asn Asn Asn Ile Met Leu Ile Lys

20 25 30

Leu Ser Ser Arg Ala Val Ile Asn Ala Arg Val Ser Thr Ile Ser Leu
35 40 45

Pro Thr Ala Pro
50

<210> 2632
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L680fs"

<400> 2632
Leu Pro Gln Gly His Gln Val Ser Arg Leu Val Ile Ser Ile Arg Leu
1 5 10 15

Pro Gln His Leu Gly Leu Arg Pro Pro Trp Pro Ser Trp Ser
20 25 30

<210> 2633
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E39Q"

<400> 2633
Thr Val Ala Thr Ala Leu Met Leu Pro Val Lys Pro Pro Ala Gly Ser
1 5 10 15

Trp Gly Ala Gln Ile Ile Gly Gly His Gln Gln Val Thr Pro His Ser
20 25 30

Arg Pro Tyr Met Ala Ser Val Arg Phe Gly Gly Gln His His Cys Gly
35 40 45

Gly Phe Leu Leu

50

<210> 2634
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G256fs"

<400> 2634
Asn Val Leu Ser Arg Leu Ser Leu Met Ala Met Pro Asn Gly Phe His
1 5 10 15

Glu Asp Gly Pro Gln Gly Pro Gly Gly Met Arg Met Met Met Arg Arg
20 25 30

Thr Arg Thr Ser Cys
35

<210> 2635
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T563P"

<400> 2635
Pro Glu Ile Ala Phe Trp Gly Ser Asn Ala Gly Val Lys Thr Thr Arg
1 5 10 15

Leu Glu Ala His Ser Glu Met Gly Ser Pro Pro Glu Ile Leu Glu Lys
20 25 30

Glu Thr Pro Glu Asn Leu Ser Asn Gly Thr Ser Ser Asn Val Glu Ala
35 40 45

Ala Lys Arg Leu
50

<210> 2636

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R397C"

<400> 2636
Phe Gln Leu Ser Gly Gln Lys Leu Phe Ile Pro Gln Ile Thr Thr Lys
1 5 10 15

His Ser Gly Leu Tyr Ala Cys Ser Val Cys Cys Asn Ser Ala Thr Gly
20 25 30

Lys Glu Ser Ser Lys Ser Met Thr Val Lys Val Ser Gly Lys Arg Ile
35 40 45

Pro Val Ser Leu
50

<210> 2637
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R320C"

<400> 2637
Leu Ile Leu Pro Ser Val Thr Arg Asn Glu Thr Gly Pro Tyr Gln Cys
1 5 10 15

Glu Ile Arg Asp Gln Tyr Gly Gly Ile Cys Cys Ser Tyr Pro Val Thr
20 25 30

Leu Asn Val Leu Tyr Gly Pro Asp Leu Pro Arg Ile Tyr Pro Ser Phe
35 40 45

Thr Tyr Tyr Arg
50

<210> 2638

<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E404K"

<400> 2638
Leu Phe Ile Pro Gln Ile Thr Arg Asn His Ser Gly Leu Tyr Ala Cys
1 5 10 15

Ser Val His Asn Ser Ala Thr Gly Lys Lys Lys Ile Ser Lys Ser Met
20 25 30

Thr Val Lys Val Ser Gly Pro Cys His Gly Asp Leu Thr Glu Ser Gln
35 40 45

Ser

<210> 2639
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A5V"

<400> 2639
Met Ala Ala Ala Val Val Val Val Glu Phe Gln Arg Ala Gln Ser Leu
1 5 10 15

Leu Ser Thr Asp Arg Glu Ala Ser Ile Asp Ile Leu His Ser Ile
20 25 30

<210> 2640
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R201Q"

<400> 2640
Ser Met Glu Lys Lys Glu Arg Val Glu Phe Ile Leu Glu Gln Met Arg
1   5   10   15

Leu Cys Leu Ala Val Lys Asp Tyr Ile Gln Gln Thr Gln Ile Ile Ser
            20   25   30

Lys Lys Ile Asn Thr Lys Phe Phe Gln Glu Glu Asn Thr Glu Lys Leu
        35   40   45

Lys Leu Lys Tyr
    50

<210> 2641
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R231W"

<400> 2641
Ile Ala Lys Tyr Pro His Val Glu Asp Tyr Arg Arg Thr Val Thr Glu
1   5   10   15

Ile Asp Glu Lys Glu Tyr Ile Ser Leu Trp Trp Leu Ile Ile Ser Glu
            20   25   30

Leu Arg Asn Gln Tyr Val Thr Leu His Asp Met Ile Leu Lys Asn Ile
        35   40   45

Glu Lys Ile Lys
    50

<210> 2642
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N495D"

<400> 2642
Gly Gly Arg Trp Phe Pro Glu Gly Pro Thr His Met Leu Pro Leu Leu
1   5   10   15

Met Arg Ala Leu Pro Gly Val Asp Pro Asp Asp Asp Phe Ser Lys Cys
            20   25   30

Met Ile Thr Phe Gln Phe Ile Ala Thr Phe Ser Thr Leu Val Pro Leu
        35   40   45

Val Asp Cys Ser
    50

<210> 2643
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V145I"

<400> 2643
Ile Arg Glu Leu Val Ser Arg Leu Gln Glu Arg Asn Val Gln Val Phe
1   5   10   15

Leu Ile Ser Gly Gly Phe Arg Ser Ile Ile Ile Glu His Val Ala Ser
            20   25   30

Lys Leu Asn Ile Pro Ala Thr Asn Val Phe Ala Asn Arg Leu Lys Phe
        35   40   45

Tyr Phe Asn Gly
    50

<210> 2644
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P689H"

<400> 2644
Leu Arg Thr Glu Tyr Asp Pro His Thr His Val Tyr Tyr Thr Thr Ala
1   5   10   15

Glu Pro Arg Ser Glu Ile Ser Val Gln His His Val Thr Val Thr Gln
            20   25   30

Asp Thr Leu Ser Cys Gln Ser Pro Glu Ser Thr Ser Ser Thr Arg Asp
        35   40   45

Leu Leu Ser Gln
    50

<210> 2645
<211> 88
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P1307fs"

<400> 2645
Arg Gln Gln Pro His Leu Asp Ser Gly Ser Leu Pro Pro Gly Arg Gln
1   5   10   15

Gly Gln Gln Pro Arg Arg Asp Pro Pro Glu Lys Ala Cys Gly His Pro
            20   25   30

Pro Thr Asp Arg Ala Glu Thr Leu Leu Lys Phe Leu Leu Lys Gly Ile
        35   40   45

Leu Ala Leu Ala Ile Gly Pro Ala Gly Ala Leu Ala Gly Pro Val Leu
    50   55   60

Thr Thr Leu Gly Thr Gln Arg Pro Leu Pro Trp Ala Ala Pro Cys Pro
65   70   75   80

Ala Thr Ala Ser Pro Ser Pro Leu
                85

<210> 2646

<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F588fs"

<400> 2646
Lys Lys Phe Cys Cys Phe Pro Phe Gly Ser Val Pro Asp Glu His Gly
1 5 10 15

Thr Asp Ile His Pro Ile Ser Leu Phe Leu Glu Thr Ile Leu Ala Pro
20 25 30

Phe Ser Gln Gly Val Ser Pro Ser Ile Leu
35 40

<210> 2647
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R130G"

<400> 2647
Cys Glu Asp Leu Asp Gln Trp Leu Ser Glu Asp Asp Asn His Val Ala
1 5 10 15

Ala Ile His Cys Lys Ala Gly Lys Gly Gly Gly Thr Gly Val Met Ile
20 25 30

Cys Ala Tyr Leu Leu His Arg Gly Lys Phe Leu Lys Ala Gln Glu Ala
35 40 45

Leu Asp Phe Tyr
50

<210> 2648
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R130Q"

<400> 2648
Cys Glu Asp Leu Asp Gln Trp Leu Ser Glu Asp Asp Asn His Val Ala
1 5 10 15

Ala Ile His Cys Lys Ala Gly Lys Gly Gln Gln Thr Gly Val Met Ile
20 25 30

Cys Ala Tyr Leu Leu His Arg Gly Lys Phe Leu Lys Ala Gln Glu Ala
35 40 45

Leu Asp Phe Tyr
50

<210> 2649
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R130P"

<400> 2649
Cys Glu Asp Leu Asp Gln Trp Leu Ser Glu Asp Asp Asn His Val Ala
1 5 10 15

Ala Ile His Cys Lys Ala Gly Lys Gly Pro Pro Thr Gly Val Met Ile
20 25 30

Cys Ala Tyr Leu Leu His Arg Gly Lys Phe Leu Lys Ala Gln Glu Ala
35 40 45

Leu Asp Phe Tyr
50

<210> 2650
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R130L"

<400> 2650
Cys Glu Asp Leu Asp Gln Trp Leu Ser Glu Asp Asp Asn His Val Ala
1 5 10 15

Ala Ile His Cys Lys Ala Gly Lys Gly Leu Leu Thr Gly Val Met Ile
20 25 30

Cys Ala Tyr Leu Leu His Arg Gly Lys Phe Leu Lys Ala Gln Glu Ala
35 40 45

Leu Asp Phe Tyr
50

<210> 2651
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C136Y"

<400> 2651
Trp Leu Ser Glu Asp Asp Asn His Val Ala Ala Ile His Cys Lys Ala
1 5 10 15

Gly Lys Gly Arg Thr Gly Val Met Ile Tyr Tyr Ala Tyr Leu Leu His
20 25 30

Arg Gly Lys Phe Leu Lys Ala Gln Glu Ala Leu Asp Phe Tyr Gly Glu
35 40 45

Val Arg Thr Arg
50

<210> 2652
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S170N"

<400> 2652
Phe Leu Lys Ala Gln Glu Ala Leu Asp Phe Tyr Gly Glu Val Arg Thr
1 5 10 15

Arg Asp Lys Lys Gly Val Thr Ile Pro Asn Asn Gln Arg Arg Tyr Val
20 25 30

Tyr Tyr Tyr Ser Tyr Leu Leu Lys Asn His Leu Asp Tyr Arg Pro Val
35 40 45

Ala Leu Leu Phe
50

<210> 2653
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R173H"

<400> 2653
Ala Gln Glu Ala Leu Asp Phe Tyr Gly Glu Val Arg Thr Arg Asp Lys
1 5 10 15

Lys Gly Val Thr Ile Pro Ser Gln Arg His His Tyr Val Tyr Tyr Tyr
20 25 30

Ser Tyr Leu Leu Lys Asn His Leu Asp Tyr Arg Pro Val Ala Leu Leu
35 40 45

Phe His Lys Met
50

<210> 2654
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R234L"

<400> 2654
Gly Thr Cys Asn Pro Gln Phe Val Val Cys Gln Leu Lys Val Lys Ile
1 5 10 15

Tyr Ser Ser Asn Ser Gly Pro Thr Arg Leu Leu Glu Asp Lys Phe Met
20 25 30

Tyr Phe Glu Phe Pro Gln Pro Leu Pro Val Cys Gly Asp Ile Lys Val
35 40 45

Glu Phe Phe His
50

<210> 2655
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L265fs"

<400> 2655
Glu Phe Pro Gln Pro Leu Pro Val Cys Gly Asp Ile Lys Val Glu Phe
1 5 10 15

Phe His Lys Gln Asn Lys Met Leu Lys Arg Thr Lys Cys Phe Thr Phe
20 25 30

Gly

<210> 2656
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T277I"

<400> 2656
Asp Ile Lys Val Glu Phe Phe His Lys Gln Asn Lys Met Leu Lys Lys
1   5   10   15

Asp Lys Met Phe His Phe Trp Val Asn Ile Ile Phe Phe Ile Pro Gly
            20   25   30

Pro Glu Glu Thr Ser Glu Lys Val Glu Asn Gly Ser Leu Cys Asp Gln
        35   40   45

Glu Ile Asp Ser
    50

<210> 2657
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E40A"

<400> 2657
Gly Tyr Pro Thr Asn Ser Asp Phe Glu Leu Lys Thr Ala Glu Leu Pro
1   5   10   15

Pro Leu Lys Asn Gly Glu Val Leu Leu Ala Ala Ala Leu Phe Leu Thr
            20   25   30

Val Asp Pro Tyr Met Arg Val Ala Ala Lys Arg Leu Lys Glu Gly Asp
        35   40   45

Thr Met Met Gly
    50

<210> 2658
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L22V"

<400> 2658
Met Glu Thr Arg Gln Val Ser Arg Ser Pro Arg Val Arg Leu Leu Leu
1   5   10   15

Leu Leu Leu Leu Leu Val Val Val Val Pro Trp Gly Val Arg Thr Ala
            20   25   30

Ser Gly Val Ala Leu Pro Pro Val Gly Val Leu Ser Leu Arg Pro Pro
        35   40   45

<210> 2659
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R430W"

<400> 2659
Ala Val Ala Ala Asp Phe Asp Asn Arg Gly Met Ile Phe Ser Asn Glu
1   5   10   15

Gln Gln Phe Asp Pro Leu Trp Lys Arg Trp Trp Asn Val Glu Cys Leu
            20   25   30

Gln Pro Leu Thr His Leu Lys Arg Arg Leu Ser Tyr Ser Asp Ser Asp
        35   40   45

Leu Lys Arg Ala
    50

<210> 2660
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G503V"

<400> 2660
Ile Ile Arg Glu Lys Gly Val Asp Cys Asp Ile Asp Val Pro Lys Thr
1   5   10   15

Ile Gln Met Val Arg Ser Gln Arg Ser Val Val Met Val Gln Thr Glu
            20   25   30

Ala Gln Tyr Arg Phe Ile Tyr Met Ala Val Gln His Tyr Ile Glu Thr
        35   40   45

Leu Gln Arg Arg
    50

<210> 2661
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E76K"

<400> 2661
Val Thr His Ile Lys Ile Gln Asn Thr Gly Asp Tyr Tyr Asp Leu Tyr
1   5   10   15

Gly Gly Glu Lys Phe Ala Thr Leu Ala Lys Lys Leu Val Gln Tyr Tyr
            20   25   30

Met Glu His His Gly Gln Leu Lys Glu Lys Asn Gly Asp Val Ile Glu
        35   40   45

Leu Lys Tyr Pro
    50

<210> 2662
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R765Q"

<400> 2662
Pro Pro Thr Phe Ser Asp Lys Arg Glu Gln Ile Ser Glu Asn Pro Thr
1   5   10   15

Glu Ala Thr Asp Ile Gly Phe Gly Asn Gln Gln Cys Gly Lys Pro Lys
            20   25   30

Gly Pro Arg Asp Pro Pro Ser Glu Trp Thr
        35   40

<210> 2663
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S887L"

<400> 2663
Ser Tyr Gln His Lys Phe Gln Leu Gln Met Arg Ala Arg Gln Ser Asn
1   5   10   15

Gln Asp Ala Gln Asp Ile Glu Arg Ala Leu Leu Phe Arg Ser Leu Asn
            20   25   30

Leu Gln Ala Glu Ser Val Arg Gly Phe Asn Met Gly Arg Ala Ile Ser
        35   40   45

Thr Gly Ser Leu
    50

<210> 2664
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E2067K"

<400> 2664
Tyr Ile Gln Glu Asp Asp Ile Tyr Asp Asp Ser Gln Glu Ala Glu Val

1 5 10 15

Ile Gln Ser Leu Leu Asp Val Val Asp Lys Lys Glu Ala Gln Asn Leu
20 25 30

Leu Asn Glu Asn Asn Ala Ala Gly Tyr Ser Cys Gly Pro Gly Thr Leu
35 40 45

Lys Met Asn Gly
50

<210> 2665
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E716del"

<400> 2665
Gln Tyr His His Lys Lys Thr Phe Ser Asp Ala Thr Met Leu Ile His
1 5 10 15

Ser Ser Glu Ser Glu Glu Glu Glu Glu Ala Pro Glu Ser Val Pro Gln
20 25 30

Ile Pro Met Leu Arg Glu Lys Met Glu Tyr Ser Ala Gln Leu Gln Ala
35 40 45

Ala Leu Ala Arg Ile
50

<210> 2666
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E286K"

<400> 2666
Thr His Asn Lys Ser Thr Ile Leu Val Glu Leu Ile Asn Lys Glu Glu

1 5 10 15

Thr Ala Leu Phe His Thr Asp Asp Ile Lys Lys Asn Ala Lys Tyr Ile
20 25 30

Ser Arg Leu Phe Ala Thr Arg His Lys Phe Tyr Lys Gln Asn Lys Ile
35 40 45

Cys Thr Glu Gln
50

<210> 2667
<211> 56
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.TG378del"

<400> 2667
Thr Tyr Ala Val Val Gln Lys Arg Gly Ala Pro Ala Gly Ala Gly Ser
1 5 10 15

Gly Thr Gln Thr Gly Thr Gly Thr Gly Ala Arg Ser Ala Glu Glu Ala
20 25 30

Pro Leu Tyr Ser Lys Val Thr Pro Arg Ala Gln Arg Pro Gly Ala His
35 40 45

Ala Glu Asp Ala Arg Gly Thr Leu
50 55

<210> 2668
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N319fs"

<400> 2668
Asn Leu Trp Lys Ala Cys Val Glu His His Thr Phe Phe Arg Leu Asp

1 5 10 15

Arg Pro Leu Pro Pro Gln Lys Asn Phe Leu His Ile Ile Leu His
20 25 30

<210> 2669
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q726H"

<400> 2669
Ser Leu Thr Pro Gly Arg Leu Tyr Thr Val Thr Ile Thr Thr Arg Ser
1 5 10 15

Gly Lys Tyr Glu Asn His Ser Phe Ser His His Glu Arg Thr Val Pro
20 25 30

Asp Lys Val Gln Gly Val Ser Val Ser Asn Ser Ala Arg Ser Asp Tyr
35 40 45

Leu Arg Val Ser
50

<210> 2670
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D1560N"

<400> 2670
Glu Asn Pro Asn Ser Asn Ser Lys Ser Phe Asn Ile Lys Leu Gly Ala
1 5 10 15

Glu Met Glu Ser Leu Gly Gly Lys Cys Asn Asn Pro Thr Gln Gln Lys
20 25 30

Phe Cys Asp Gly Pro Leu Lys Pro His Thr Ala Tyr Arg Ile Ser Ile

35 40 45

Arg Ala Phe Thr
50

<210> 2671
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q895H"

<400> 2671
Gly Leu Glu Ala Glu Asn Lys Val Asp Val Tyr Gly Tyr Val Val Lys
1 5 10 15

Leu Arg Arg Gln Arg Cys Leu Met Val His His Val Glu Ala Gln Tyr
20 25 30

Ile Leu Ile His Gln Ala Leu Val Glu Tyr Asn Gln Phe Gly Glu Thr
35 40 45

Glu Val Asn Leu
50

<210> 2672
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1174Q"

<400> 2672
Pro Arg Trp Ser Thr Pro Glu Glu Leu Glu Leu Asp Glu Leu Leu Glu
1 5 10 15

Ala Ile Glu Gln Gly Gly Glu Glu Gln Gln Arg Arg Arg Arg Gln
20 25 30

Ala Glu Arg Leu Lys Pro Tyr Val Ala Ala Gln Leu Asp Val Leu Pro

```
        35                  40                  45

Glu Thr Phe Thr
    50


<210> 2673
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.G334W"

<400> 2673
His Asp Glu Ser Leu Val Gly Pro Val Asp Pro Ser Ser Gly Gln Gln
1               5                   10                  15


Ser Arg Asp Thr Glu Val Leu Leu Val Trp Trp Leu Glu Pro Gly Thr
            20                  25                  30


Arg Tyr Asn Ala Thr Val Tyr Ser Gln Ala Ala Asn Gly Thr Glu Gly
        35                  40                  45


Gln Pro Gln Ala
    50


<210> 2674
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R928L"

<400> 2674
Ser Trp Asp Thr Ala Lys Glu Asp Glu Asn Arg Asn Lys Asn Arg Tyr
1               5                   10                  15


Gly Asn Ile Ile Ser Tyr Asp His Ser Leu Leu Val Arg Leu Leu Val
            20                  25                  30


Leu Asp Gly Asp Pro His Ser Asp Tyr Ile Asn Ala Asn Tyr Ile Asp
```

35 40 45

Gly Tyr His Arg
50

<210> 2675
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1075fs"

<400> 2675
Trp Pro Asp His Gly Val Pro Cys Tyr Ala Thr Gly Leu Leu Gly Phe
1 5 10 15

Val Arg Gln Val Lys Phe Leu Asn Pro Arg Lys Leu Gly Pro
20 25 30

<210> 2676
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P559S"

<400> 2676
Val Asn Val Pro Gly Pro Arg Arg Thr Ile Ser Lys Leu Arg Asn Glu
1 5 10 15

Thr Tyr His Val Phe Ser Asn Leu His Ser Ser Gly Thr Thr Tyr Leu
20 25 30

Phe Ser Val Arg Ala Arg Thr Gly Lys Gly Phe Gly Gln Ala Ala Leu
35 40 45

Thr Glu Ile Thr
50

<210> 2677

<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D1434N"

<400> 2677
Phe Phe Ala Ala Lys Thr Leu Arg Asn Tyr Lys Pro Asn Met Val Glu
1 5 10 15

Thr Met Asp Gln Tyr His Phe Cys Tyr Asn Asn Val Ala Leu Glu Tyr
20 25 30

Leu Glu Gly Leu Glu Ser Arg
35

<210> 2678
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S396L"

<400> 2678
Val Met Ala Ala Gln Ala Pro Gly Val Ile Thr Gly Val Thr Pro Ala
1 5 10 15

Arg Pro Pro Ile Pro Val Thr Ile Pro Leu Leu Val Gly Val Val Asn
20 25 30

Pro Ile Leu Ala Ser Pro Pro Thr Leu Gly Leu Leu Glu Pro Lys Lys
35 40 45

Glu Lys Glu Glu
50

<210> 2679
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A358T"

<400> 2679
Leu Asp Pro Gln Glu Asp Ser Gly Lys Gln Val Asp Leu Val Ser Ala
1 5 10 15

Ser Val Val Val Val Gly Val Ile Ala Thr Thr Leu Leu Phe Cys Leu
20 25 30

Leu Val Val Val Val Val Leu Met Ser Arg Tyr His Arg Arg Lys Ala
35 40 45

Gln Gln Met Thr
50

<210> 2680
<211> 124
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S84fs"

<400> 2680
Pro Val Asn Asp Ser His Gly Arg Ala Pro Glu Glu Gly Asp Ala Glu
1 5 10 15

Val Met Gln Leu Gly Ser Ser Ser Pro Leu Leu Pro Ala Gly Phe Ser
20 25 30

Pro Pro Arg Pro Pro Ala Pro Ser His Pro Arg Pro Ser Cys Arg Arg
35 40 45

Cys Pro Pro Glu Ala Cys Pro Arg Thr Leu Pro Thr Ser Lys Ala Pro
50 55 60

Pro Ser Leu Thr Arg Cys Gly Ser Gly Thr Arg Thr Ser Cys Gly Cys
65 70 75 80

Pro Ser Arg Arg Pro Gly Pro Ser Ser Ala Arg Gly Gly Val Cys Pro

```
                85                  90                  95

Ala Thr Ala Thr Arg Gly Ala Ser Ser Ser Ala Pro Ser Ala Cys Gly
            100                 105                 110

Arg Ala Arg Cys Ser Val Arg Ser Ala Arg Ala Arg
        115                 120


<210> 2681
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.T1312M"

<400> 2681
Ile Pro Lys Val Asp Leu Arg Val Trp Gln Asp Cys Cys Ala Asp Cys
1               5                   10                  15

Arg Ser Arg Gly Gln Phe Arg Ala Val Met Met Gln Glu Ser Gln Lys
            20                  25                  30

Lys Arg Ser Ala Gln Tyr Ser Tyr Pro Val Asp Lys Asp Met Glu Leu
        35                  40                  45

Ser His Leu Arg
    50


<210> 2682
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.P1456T"

<400> 2682
Cys Pro Pro Ala Pro Cys Pro Ser Pro Glu Leu Val Lys Gly Thr Cys
1               5                   10                  15

Cys Pro Val Cys Arg Asp Arg Gly Met Thr Thr Ser Asp Ser Pro Glu
```

20 25 30

Lys Arg

<210> 2683
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q150fs"

<400> 2683
Gly Pro Gln Pro Leu Arg Arg Gln Pro Pro Pro Phe Pro Pro Asn Pro
1 5 10 15

Met Gly Pro Ala Phe Asn Met Pro Pro Arg Val Leu Ala Thr His Pro
20 25 30

Gln Ala Thr
35

<210> 2684
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G148A"

<400> 2684
Asn Arg Leu Thr Ala Lys Gly Ala Glu Glu Thr Leu Gly Pro Gln Lys
1 5 10 15

Arg Lys Lys Pro Ser Glu Glu Glu Thr Ala Ala Thr Lys Arg Ser Lys
20 25 30

Met Ser Lys Glu Gln Thr Arg Pro Ser Cys Ser Ala Gly Ala Ser Thr
35 40 45

Ser Thr Ala Met

50

<210> 2685
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S226L"

<400> 2685
Ala His Cys Gly Leu Val Gly Phe Lys Pro Ser Tyr Gly Leu Val Ser
1 5 10 15

Arg His Gly Leu Ile Pro Leu Val Asn Leu Leu Met Asp Val Pro Gly
20 25 30

Ile Leu Thr Arg Cys Val Asp Asp Ala Ala Ile Val Leu Gly Ala Leu
35 40 45

Ala Gly Pro Asp
50

<210> 2686
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R401L"

<400> 2686
Asp Asp Arg Lys Glu Gly Ala Val Leu Ala Lys Lys Val Asn Trp Ile
1 5 10 15

Gly Cys Gln Gly Ser Glu Pro His Phe Leu Leu Gly Phe Pro Cys Ser
20 25 30

Leu Trp Val Leu Phe His Phe Leu Thr Val Gln Ala Ala Arg Gln Asn
35 40 45

Val Asp His Ser

50

<210> 2687
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R683L"

<400> 2687
Ser Leu Asp Met Ser Leu Cys Val Val Leu Tyr Val Ala Ser Ser Leu
1 5 10 15

Phe Leu Met Val Met Tyr Phe Phe Phe Leu Leu Val Arg Ser Arg Arg
20 25 30

Trp Lys Val Lys His His His Pro Ala Val
35 40

<210> 2688
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S588N"

<400> 2688
Met Pro Asn Gln Gln Gln Ala Ala Tyr Gln Gly Met Ile Gly Val Gln
1 5 10 15

Gln Pro Gln Asn Gln Gly Leu Leu Ser Asn Asn Gln Arg Ser Ser Met
20 25 30

Gly Gly Gln Met Gln Gly Leu Val Val Gln Tyr Thr Pro Leu Pro Ser
35 40 45

Tyr Gln Val Pro
50

<210> 2689

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S592G"

<400> 2689
Gln Gln Ala Ala Tyr Gln Gly Met Ile Gly Val Gln Gln Pro Gln Asn
1 5 10 15

Gln Gly Leu Leu Ser Ser Gln Arg Ser Gly Gly Met Gly Gly Gln Met
20 25 30

Gln Gly Leu Val Val Gln Tyr Thr Pro Leu Pro Ser Tyr Gln Val Pro
35 40 45

Val Gly Ser Asp
50

<210> 2690
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R206W"

<400> 2690
Glu Phe Ile Asn Asp Asn Asn Asn Gln Phe Lys Lys Phe Pro Gln Met
1 5 10 15

Thr Ser Tyr His Arg Met Leu Leu His Trp Trp Val Ala Ala Tyr Phe
20 25 30

Gly Met Asp His Asn Val Asp Gln Thr Gly Lys Ala Val Ile Ile Asn
35 40 45

Lys Thr Ser Asn
50

<210> 2691

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S596L"

<400> 2691
Ser Leu Tyr Glu Ala Lys Asn Leu Phe Ala Ala Gln Thr Lys Ala Gln
1 5 10 15

Ser Leu Ala Ala Glu Ile Asp Thr Ala Leu Leu Arg Asp Glu Leu Met
20 25 30

Glu Ala Leu Lys Glu Gln Glu Glu Ile Asn Phe Arg Leu Arg Gln Tyr
35 40 45

Met Asp Lys Ile
50

<210> 2692
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R170H"

<400> 2692
Trp Tyr Lys Leu His Ser Lys Pro Gly Lys Lys Glu Lys Glu Arg Gly
1 5 10 15

Glu Ile Glu Val Thr Ile Gln Phe Thr His His Asn Asn Leu Ser Ala
20 25 30

Ser Met Phe Asp Leu Ser Met Lys Asp Lys Pro Arg Ser Pro Phe Ser
35 40 45

Lys Ile Arg Asp
50

<210> 2693

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R167L"

<400> 2693
Glu His Gly Ile Arg Phe Phe Glu Thr Ser Ala Lys Ser Ser Met Asn
1 5 10 15

Val Asp Glu Ala Phe Ser Ser Leu Ala Leu Leu Asp Ile Leu Leu Lys
20 25 30

Ser Gly Gly Arg Arg Ser Gly Asn Gly Asn Lys Pro Pro Ser Thr Asp
35 40 45

Leu Lys Thr Cys
50

<210> 2694
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R79W"

<400> 2694
Tyr Glu Ile Val Arg Leu Gln Leu Trp Asp Ile Ala Gly Gln Glu Arg
1 5 10 15

Phe Thr Ser Met Thr Arg Leu Tyr Tyr Trp Trp Asp Ala Ser Ala Cys
20 25 30

Val Ile Met Phe Asp Val Thr Asn Ala Thr Thr Phe Ser Asn Ser Gln
35 40 45

Arg Trp Lys Gln
50

<210> 2695

<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G20W"

<400> 2695
Met Ala Lys Thr Tyr Asp Tyr Leu Phe Lys Leu Leu Leu Ile Gly Asp
1 5 10 15

Ser Gly Val Trp Trp Lys Thr Cys Val Leu Phe Arg Phe Ser Glu Asp
20 25 30

Ala Phe Asn Ser Thr Phe Ile Ser Thr Ile Gly Ile Asp Phe
35 40 45

<210> 2696
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K928fs"

<400> 2696
Leu Glu Glu Glu Ser Ala Gln Leu Lys Glu Met Cys Arg Arg Glu Leu
1 5 10 15

Asp Lys Ala Glu Ser Glu Ile Lys Lys Lys Gln Phe Tyr His Trp
20 25 30

<210> 2697
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.K928fs"

<400> 2697
Leu Glu Glu Glu Ser Ala Gln Leu Lys Glu Met Cys Arg Arg Glu Leu
1   5   10   15

Asp Lys Ala Glu Ser Glu Ile Lys Lys Thr Val Leu Ser Leu Val Thr
            20   25   30

Ile Ser Arg Phe Val Leu Ser
        35

<210> 2698
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N207D"

<400> 2698
Pro Ala Ser Ala Asp Asp Phe Leu Pro Thr Leu Ile Tyr Ile Val Leu
1   5   10   15

Lys Gly Asn Pro Pro Arg Leu Gln Ser Asp Asp Ile Gln Tyr Ile Thr
            20   25   30

Arg Phe Cys Asn Pro Ser Arg Leu Met Thr Gly Glu Asp Gly Tyr Tyr
        35   40   45

Phe Thr Asn Leu
    50

<210> 2699
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P34R"

<400> 2699
Val Gly Asp Gly Ala Val Gly Lys Thr Cys Leu Leu Ile Ser Tyr Thr

1 5 10 15

Thr Asn Ala Phe Pro Gly Glu Tyr Ile Arg Arg Thr Val Phe Asp Asn
20 25 30

Tyr Ser Ala Asn Val Met Val Asp Gly Lys Pro Val Asn Leu Gly Leu
35 40 45

Trp Asp Thr Ala
50

<210> 2700
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A159V"

<400> 2700
Leu Thr Pro Ile Thr Tyr Pro Gln Gly Leu Ala Met Ala Lys Glu Ile
1 5 10 15

Gly Ala Val Lys Tyr Leu Glu Cys Ser Val Val Leu Thr Gln Arg Gly
20 25 30

Leu Lys Thr Val Phe Asp Glu Ala Ile Arg Ala Val Leu Cys Pro Pro
35 40 45

Pro Val Lys Lys
50

<210> 2701
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P29S"

<400> 2701
Ile Lys Cys Val Val Val Gly Asp Gly Ala Val Gly Lys Thr Cys Leu

1 5 10 15

Leu Ile Ser Tyr Thr Thr Asn Ala Phe Ser Ser Gly Glu Tyr Ile Pro
20 25 30

Thr Val Phe Asp Asn Tyr Ser Ala Asn Val Met Val Asp Gly Lys Pro
35 40 45

Val Asn Leu Gly
50

<210> 2702
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D69Y"

<400> 2702
Thr Ile Ile Glu Cys Leu Lys Tyr Ile Cys Thr Gly Asp Phe Pro Pro
1 5 10 15

Gly Thr Lys Gly Asn Thr Phe Val His Tyr Tyr Pro Lys Val Ala Gln
20 25 30

Glu Thr Asp Val Arg Ala Gln Ile Arg Leu Gln Phe Arg Asp Val Asn
35 40 45

Gly Glu Leu Ile
50

<210> 2703
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.T316fs"

<400> 2703
Arg Asp Phe Thr Asn Ile Tyr Trp Ser Gln Asn Arg Pro Asp Val Lys

1 5 10 15

Lys Gln Lys Leu Gln Asn Asp Lys Lys Leu
20 25

<210> 2704
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D167N"

<400> 2704
Val Gln Ile Pro Glu Cys Phe Gly Gly Val Ala Gly Glu Ala Val Phe
1 5 10 15

Ile Asp Thr Glu Gly Ser Phe Met Val Asn Asn Arg Val Val Asp Leu
20 25 30

Ala Thr Ala Cys Ile Gln His Leu Gln Leu Ile Ala Glu Lys His Lys
35 40 45

Gly Glu Glu His
50

<210> 2705
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y224H"

<400> 2705
Phe Thr Leu Asp Asn Ile Leu Ser His Ile Tyr Tyr Phe Arg Cys Arg
1 5 10 15

Asp Tyr Thr Glu Leu Leu Ala Gln Val His His Leu Leu Pro Asp Phe
20 25 30

Leu Ser Glu His Ser Lys Val Arg Leu Val Ile Val Asp Gly Ile Ala

35 40 45

Phe Pro Phe Arg
50

<210> 2706
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S257L"

<400> 2706
Tyr Ser Thr Pro His Ala Phe Thr Phe Asn Thr Ser Ser Pro Ser Ser
1 5 10 15

Glu Gly Ser Leu Ser Gln Arg Gln Arg Leu Leu Thr Ser Thr Pro Asn
20 25 30

Val His Met Val Ser Thr Thr Leu Pro Val Asp Ser Arg Met Ile Glu
35 40 45

Asp Ala Ile Arg
50

<210> 2707
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R398C"

<400> 2707
Leu Thr Glu Arg Glu Pro Ser Ser Ser Ser Leu Cys Ser Ile Asp Glu
1 5 10 15

Glu His Leu Thr Asp Ile Glu Ile Val Cys Cys Arg Val Phe Ser Ser
20 25 30

Lys Arg Ser Asn Val Asn Phe Val Thr Glu Ile Phe Arg Gln Ala Phe

35 40 45

Leu Leu Pro Ile
50

<210> 2708
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T379fs"

<400> 2708
Arg Ser Asp Ser Ala Pro Pro Thr Pro Val Asn Arg Leu Ser Met Pro
1 5 10 15

Gln Ser Ala Ala Val Ser Thr Thr Pro His Ile Thr Gly Gly Thr Gly
20 25 30

Leu Leu Leu
35

<210> 2709
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R381Q"

<400> 2709
Ser Lys Ser Ala Thr Phe Pro Ser Glu Lys Ala Arg His Leu Leu Asp
1 5 10 15

Asp Ser Val Leu Glu Ser Arg Ser Pro Gln Gln Arg Gly Leu Ala Leu
20 25 30

Thr Ser Ser Ser Ala Val Thr Asn Gly Leu Ser Leu Gly Ser Ser Glu
35 40 45

Ser Ser Glu Phe

50

<210> 2710
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M900I"

<400> 2710
His Ser Asp Leu Leu Gln Tyr Arg Lys Leu Ser Gln Ser Tyr Tyr Pro
1 5 10 15

Leu Leu Glu Cys Leu Thr Gln Asp His Ile Ile Ser Phe Ile Ile Asn
20 25 30

Leu Glu Pro Pro Val Leu Met Tyr Val Leu Thr Ser Ile Ser Glu Gly
35 40 45

Leu Thr Thr Leu
50

<210> 2711
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1231C"

<400> 2711
Val Glu Ser Lys Glu Trp Lys Glu Arg Gly Ile Gly Asn Val Lys Ile
1 5 10 15

Leu Arg His Lys Thr Ser Gly Lys Ile Cys Cys Leu Leu Met Arg Arg
20 25 30

Glu Gln Val Leu Lys Ile Cys Ala Asn His Tyr Ile Ser Pro Asp Met
35 40 45

Lys Leu Thr Pro

50

<210> 2712
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L386W"

<400> 2712
Glu Ala Thr Pro Glu Lys Glu Ser Leu Ala Glu Ser Ala Ala Ala Tyr
1 5 10 15

Thr Lys Ala Thr Ala Arg Lys Cys Leu Trp Trp Glu Lys Val Glu Val
20 25 30

Ile Thr Gly Glu Glu Ala Glu Ser Asn Val Leu Gln Met Gln Cys Lys
35 40 45

Leu Phe Val Phe
50

<210> 2713
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R915W"

<400> 2713
Gln Trp Gly Leu Cys Ile Phe Asp Asp Ile Ile Glu His Cys Ser Pro
1 5 10 15

Thr Ser Phe Lys Tyr Val Glu Tyr Phe Trp Trp Trp Pro Met Leu Leu
20 25 30

Asn Met Arg Asp Asn Asn Pro Glu Val Arg Gln Ala Ala Ala Tyr Gly
35 40 45

Leu Gly Val Met

50

<210> 2714
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I984L"

<400> 2714
Leu Val Lys Val Ile Lys Cys Ala Asn Ser Lys Thr Lys Lys Asn Val
1 5 10 15

Ile Ala Thr Glu Asn Cys Ile Ser Ala Leu Leu Gly Lys Ile Leu Lys
20 25 30

Phe Lys Pro Asn Cys Val Asn Val Asp Glu Val Leu Pro His Trp Leu
35 40 45

Ser Trp Leu Pro
50

<210> 2715
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R356L"

<400> 2715
Leu Pro Gly Lys Phe Lys Asn Leu Phe Arg Lys Phe Glu Asn Leu Thr
1 5 10 15

Asp Pro Cys Arg Asn His Lys Ser Tyr Leu Leu Glu Val Ile Ser Lys
20 25 30

Met Lys Pro Pro Val Ile Pro Phe Val Pro Leu Ile Leu Lys Asp Leu
35 40 45

Thr Phe Leu His

50

<210> 2716
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R6C"

<400> 2716
Met Ala Cys Gly Phe Cys Cys Arg Ala Ile Ala Cys Gln Leu Ser Arg
1 5 10 15

Val Leu Asn Leu Pro Pro Glu Asn Leu Ile Thr Ser Ile Ser Ala Val
20 25 30

<210> 2717
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R82H"

<400> 2717
Val Ser Thr Gln Pro Ala Pro Arg Ser Ile Phe Arg Arg Val Leu Ser
1 5 10 15

Ala Pro Pro Lys Glu Ser Arg Thr Ser His His Leu Arg Leu Ser Lys
20 25 30

Ala Leu Trp Gly Arg His Lys Asn Pro Pro Pro Glu Pro Asp Pro Glu
35 40 45

Pro Glu Gln Glu
50

<210> 2718
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A188T"

<400> 2718
Leu Ala Ala Leu Arg Gln Gly Pro Glu Gly Leu Val Gly Ala Asp Lys
1 5 10 15

Pro Ile Ser Tyr Arg Thr Lys Pro Pro Thr Thr Ser Ile His Arg Glu
20 25 30

Leu Leu Gly Val Cys Ser Asp Pro Tyr Thr Leu Ala Gln Gln Leu Thr
35 40 45

His Val Glu Leu
50

<210> 2719
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R601C"

<400> 2719
Ala Thr Leu Leu Ala Leu Cys Val Gln His Ser Ala Arg Glu Leu Glu
1 5 10 15

Leu Gly His Leu Pro Arg Leu Leu Gly Cys Cys Leu Ala Arg Leu Ile
20 25 30

Lys Glu Ala Val Trp Glu Lys Ile Lys Glu Ile Gly Asp Arg Gln Pro
35 40 45

Glu Asn His Pro
50

<210> 2720
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N316fs"

<400> 2720
Phe Lys Asn Phe Ile Pro Phe Met Asn Ser Leu Gly Leu Val Thr Ser
1 5 10 15

Asn Gly Leu Pro Glu Val Glu Asn Leu Asn Asp Thr Lys Lys Phe Ile
20 25 30

Leu Lys Ile Lys Ile
35

<210> 2721
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E330K"

<400> 2721
Asn Leu Lys Leu Lys Leu His Ser Phe Glu Ser His Lys Asp Glu Ile
1 5 10 15

Phe Gln Val Gln Trp Ser Pro His Asn Lys Lys Thr Ile Leu Ala Ser
20 25 30

Ser Gly Thr Asp Arg Arg Leu Asn Val Trp Asp Leu Ser Lys Ile Gly
35 40 45

Glu Glu Gln Ser
50

<210> 2722
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E274K"

<400> 2722
Gln Lys Leu Met Ile Trp Asp Thr Arg Ser Asn Thr Thr Ser Lys Pro
1   5   10   15

Ser His Leu Val Asp Ala His Thr Ala Lys Lys Val Asn Cys Leu Ser
            20   25   30

Phe Asn Pro Tyr Ser Glu Phe Ile Leu Ala Thr Gly Ser Ala Asp Lys
        35   40   45

Thr Val Ala Leu
    50

<210> 2723
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E313K"

<400> 2723
Leu Ala Thr Gly Ser Ala Asp Lys Thr Val Ala Leu Trp Asp Leu Arg
1   5   10   15

Asn Leu Lys Leu Lys Leu His Thr Phe Lys Lys Ser His Lys Asp Glu
            20   25   30

Ile Phe Gln Val His Trp Ser Pro His Asn Glu Thr Ile Leu Ala Ser
        35   40   45

Ser Gly Thr Asp
    50

<210> 2724
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A340T"

<400> 2724
Asn Thr Tyr Ile Pro Leu Ile Ser Leu Pro Leu Val Pro Gly Phe Pro
1   5   10   15

Tyr Pro Thr Ala Ala Thr Thr Ala Ala Thr Thr Phe Arg Gly Ala His
            20   25   30

Leu Arg Gly Arg Gly Arg Thr Val Tyr Gly Ala Val Arg Ala Val Pro
        35   40   45

Pro Thr Ala Ile
    50

<210> 2725
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E127K"

<400> 2725
Val Ser Lys Gly Thr Val Glu Gly Asn Tyr Val Ser Leu Thr Arg Ile
1   5   10   15

Leu Lys Cys Ser Glu Gln Ser Leu Ile Lys Lys Phe Phe Asn Lys Met
            20   25   30

Lys Lys Trp Glu Asp Met Ala Asn Leu Pro Pro His Phe Arg Glu Arg
        35   40   45

Thr Glu Arg Leu
    50

<210> 2726
<211> 71
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.AAAAAAA286del"

<400> 2726
Leu Thr Ser Thr Ser Leu Asp Pro Tyr Asp Arg His Leu Leu Pro Thr
1   5   10   15

Ser Gly Ala Ala Ala Thr Ala Ala Ala Val Thr Ala Ala Ser Thr Ser
            20   25   30

Tyr Tyr Gly Arg Asp Arg Ser Pro Leu Arg Arg Ala Thr Ala Pro Val
        35   40   45

Pro Thr Val Gly Glu Gly Tyr Gly Tyr Gly His Glu Ser Glu Leu Ser
    50   55   60

Gln Ala Ser Ala Ala Ala Arg
65   70

<210> 2727
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G390W"

<400> 2727
Phe Arg Glu Lys Asn Val Pro Thr Thr Lys Gly Ala Pro Lys Asn Thr
1   5   10   15

Thr Lys Ser Trp Gln Gly Arg Ile Leu Trp Trp Glu Asn Glu Glu Glu
            20   25   30

Glu Asp Leu Ala Glu Ser Gly Arg Leu Phe Val Arg Asn Leu Pro Tyr
        35   40   45

Thr Ser Thr Glu
    50

<210> 2728
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P644A"

<400> 2728
Thr Thr Ser Pro Lys Pro Leu Val Gln Gln Pro Ile Leu Pro Val Val
1 5 10 15

Lys Gln Ser Val Lys Glu Arg Leu Gly Ala Ala Val Pro Ser Ser Thr
20 25 30

Ile Glu Pro Ala Glu Ala Gln Ser Ala Ser Ser Asp Leu Pro Gln Asn
35 40 45

Val Thr Lys Leu
50

<210> 2729
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T353I"

<400> 2729
Glu Arg Thr Asp Ala Ser Ser Ala Ser Ser Phe Leu Asp Ser Asp Glu
1 5 10 15

Leu Glu Arg Thr Gly Ile Asp Leu Gly Ile Ile Thr Gly Arg Leu Gln
20 25 30

Leu Met Ala Arg Leu Ala Glu Gly Thr Gly Leu Gln Ile Pro Pro Ala
35 40 45

Ala Gln Gln Ala
50

<210> 2730
<211> 72
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.495_502AAAAAAAA>A"

<400> 2730
His Thr Val Glu His Met Ile Ser Pro Ile Ala Val Gln Pro Asp Pro
1 5 10 15

Ala Ser Ala Ala Ala Ala Ala Ala Ala Ala Val Ile Pro Thr Val Ser
20 25 30

Thr Pro Pro Pro Phe Gln Gly Arg Pro Ile Thr Pro Val Tyr Thr Val
35 40 45

Ala Pro Asn Val Gln Arg Ile Pro Thr Ala Gly Ile Tyr Gly Ala Ser
50 55 60

Tyr Val Pro Phe Ala Ala Pro Ala
65 70

<210> 2731
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V675G"

<400> 2731
Arg Gln Asp Gly Glu Ser Lys Thr Ile Met Leu Lys Arg Ile Tyr Arg
1 5 10 15

Ser Thr Pro Pro Glu Val Ile Val Glu Gly Gly Leu Glu Pro Tyr Val
20 25 30

Arg Leu Thr Thr Ala Asn Val Arg Ile Ile Lys Asn Arg Thr Gly Pro
35 40 45

Met Gly His Thr
50

<210> 2732

<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R96fs"

<400> 2732
Ser Tyr Gly Ala Arg Asp Gly Pro His Gly Asp Tyr Arg Gly Gly Glu
1 5 10 15

Gly Pro Gly His Asp Phe Arg Gly Gly Arg Phe Phe Val Phe
20 25 30

<210> 2733
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P112Q"

<400> 2733
His Asp Cys Ser Val Leu Arg Gly Ile Gly Tyr Tyr Leu Glu Ser Leu
1 5 10 15

Leu Cys Leu Ala Pro Phe Met Lys His Gln Gln Leu Lys Ile Val Leu
20 25 30

Arg Gly Val Thr Asn Asp Gln Val Asp Pro Ser Val Asp Val Leu Lys
35 40 45

Ala Thr Ala Leu
50

<210> 2734
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A198V"

<400> 2734
Leu Leu Gln Phe Asn Ile Phe Ile Ser Leu Val Glu Pro Gly Pro Val
1   5   10   15

Val Thr Glu Phe Glu Gly Lys Leu Leu Val Val Gln Val Ser Met Ala
            20   25   30

Glu Phe Pro Gly Thr Asp Pro Glu Thr Leu His Tyr Phe Arg Asp Leu
        35   40   45

Tyr Leu Pro Ala
    50

<210> 2735
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.W57L"

<400> 2735
Pro Arg Ile Ser Cys Pro Glu Gly Thr Asn Ala Tyr Arg Ser Tyr Cys
1   5   10   15

Tyr Tyr Phe Asn Glu Asp Pro Glu Thr Leu Leu Val Asp Ala Asp Leu
            20   25   30

Tyr Cys Gln Asn Met Asn Ser Gly Asn Leu Val Ser Val Leu Thr Gln
        35   40   45

Ala Glu Gly Ala
    50

<210> 2736
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M67I"

<400> 2736
Ala Tyr Arg Ser Tyr Cys Tyr Tyr Phe Asn Glu Asp Pro Glu Thr Trp
1   5   10   15

Val Asp Ala Asp Leu Tyr Cys Gln Asn Ile Ile Asn Ser Gly Asn Leu
            20   25   30

Val Ser Val Leu Thr Gln Ala Glu Gly Ala Phe Val Ala Ser Leu Ile
        35   40   45

Lys Glu Ser Ser
    50

<210> 2737
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S150L"

<400> 2737
Ser Asp Val Met Asn Tyr Phe Ala Trp Glu Arg Asn Pro Ser Thr Ile
1   5   10   15

Ser Ser Pro Gly His Cys Ala Ser Leu Leu Leu Arg Ser Thr Ala Phe
            20   25   30

Leu Arg Trp Lys Asp Tyr Asn Cys Asn Val Arg Leu Pro Tyr Val Cys
        35   40   45

Lys Phe Thr Asp
    50

<210> 2738
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G110V"

<400> 2738
Gly Tyr Gln Arg Ser Gln Pro Ile Trp Ile Gly Leu His Asp Pro Gln
1   5   10   15

Lys Arg Gln Gln Trp Gln Trp Ile Asp Val Val Ala Met Tyr Leu Tyr
            20   25   30

Arg Ser Trp Ser Gly Lys Ser Met Gly Gly Asn Lys His Cys Ala Glu
        35   40   45

Met Ser Ser Asn
    50

<210> 2739
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.15_16LL>L"

<400> 2739
Met Asp Gly Trp Arg Arg Met Pro Arg Trp Gly Leu Leu Leu Leu Leu
1   5   10   15

Trp Gly Ser Cys Thr Phe Gly Leu Pro Thr Asp Thr Thr Thr Phe Lys
            20   25   30

Arg Ile Phe Leu Lys Arg Met Pro Ser Ile Arg Glu
        35   40

<210> 2740
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K176N"

<400> 2740
Pro Ala Cys Ser Leu Pro Val Ala Ser Gln Pro Pro Gln His Leu Ser
1   5   10   15

Glu Ala Gly Arg Gly Pro Val Gly Ser Asn Asn Arg Asp His Leu Leu
            20   25   30

Met Asn Val Lys Trp Tyr Tyr Arg Gln Ser Glu Val Pro Asp Ser Val
        35   40   45

Tyr Gln His Leu
    50

<210> 2741
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A30S"

<400> 2741
Arg Ile Val Thr Ala Asp Tyr Tyr Met Ala Ser Pro Leu Gln Gly Leu
1   5   10   15

Asp Thr Cys Gln Ser Pro Leu Thr Gln Ser Ser Pro Val Lys Lys Val
            20   25   30

Pro Val Val Arg Val Phe Gly Ala Thr Pro Ala Gly Gln Lys Thr Cys
        35   40   45

Leu His Leu His
    50

<210> 2742
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.I82N"

<400> 2742
Arg Glu Leu Tyr Gly Val Gly Val Glu Lys Leu Arg Ile Glu His Gln
1   5   10   15

Thr Ile Thr Thr Pro Ser Lys Lys Lys Asn Asn Glu Ile Ser Thr Ile
            20   25   30

Ala Ser Asn Tyr His Leu Glu Val Asn Pro Ser Asp Ala Gly Asn Ser
        35   40   45

Asp Arg Val Val
    50

<210> 2743
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K296N"

<400> 2743
Leu Leu Glu Val Arg Gly Arg Leu Tyr Glu Leu Leu Thr His Cys Ile
1   5   10   15

Pro Pro Glu Ile Ile Met Lys Ala Cys Asn Asn Glu Glu Ser Arg Ser
            20   25   30

Cys Asp Ile Phe
        35

<210> 2744
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S63R"

<400> 2744
Ala Trp Thr Gly Met Gly Leu Arg Ala Ala Pro Ser Ser Ala Ala Ala

1 5 10 15

Ala Ala Ala Glu Val Glu Gln Arg Arg Arg Arg Pro Gly Leu Cys Pro
20 25 30

Pro Pro Leu Glu Leu Leu Leu Leu Leu Leu Phe Ser Leu Gly Leu Leu
35 40 45

His Ala Gly Asp
50

<210> 2745
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W366L"

<400> 2745
Leu Lys Asp Gln Val Gly Arg Asp Gln Phe Leu Arg Phe Leu Glu Ser
1 5 10 15

Glu Phe Ser Ser Glu Asn Leu Arg Phe Leu Leu Leu Ala Val Gln Asp
20 25 30

Leu Lys Lys Gln Pro Leu Gln Asp Val Ala Lys Arg Val Glu Glu Ile
35 40 45

Trp Gln Glu Phe
50

<210> 2746
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R44C"

<400> 2746
Pro Asn Met Leu Val Tyr Arg Lys Met Glu Asp Val Ile Ala Arg Met

1 5 10 15

Gln Asp Glu Lys Asn Gly Ile Pro Ile Cys Cys Thr Val Lys Ser Phe
20 25 30

Leu Ser Lys Ile Pro Ser Val Phe Ser Gly Ser Asp Ile Val Gln Trp
35 40 45

Leu Ile Lys Asn
50

<210> 2747
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A96S"

<400> 2747
Glu Arg Ala Glu Phe Glu Arg Leu Trp Val Ala Phe Ser Gly Cys Leu
1 5 10 15

Asp Leu Leu Glu Ala Asp Met Arg Arg Ser Ser Leu Glu Leu Gly Ala
20 25 30

Ala Phe Pro Leu His Ala Pro Arg Arg Pro Leu Val Arg Thr Gly Val
35 40 45

Ala Gly Ala Ser
50

<210> 2748
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V222I"

<400> 2748
His Thr Lys Met Thr Met Ala Lys Glu Glu Ala Cys His Gly Leu Met

1 5 10 15

Gln Glu Tyr Glu Thr Arg Leu Tyr Ser Ile Ile Cys Tyr Thr His Ile
20 25 30

Gly Gly Leu Pro Leu Asn Met Ser Ile Lys Lys Cys His His Phe Gln
35 40 45

Lys Arg Tyr Ser
50

<210> 2749
<211> 126
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G34fs"

<400> 2749
Ser Pro Ala Leu Pro Leu Ala Ser Ser Val Leu Met Leu Leu Met Ser
1 5 10 15

Thr Leu Trp Leu Val Gly Ala Gly Pro Arg Pro Gly Pro Gly Pro Gly
20 25 30

Ala Val Ala Gly Pro Leu Ala Gly Ala Pro Ala Ala Asp Pro Cys Pro
35 40 45

Gly Pro His Gly Pro Ala Arg Pro Ala Pro Glu Pro Ala Ala Pro Ala
50 55 60

His Cys Gly Leu Ala Ala Gly Val Pro Pro Gly His Ala Glu Ile Pro
65 70 75 80

Ala Cys Leu Ser Pro Ala Arg Pro Gly Phe Trp Ala Ala Gly Ser Ala
85 90 95

Ala Gly Arg Pro Trp Ala Val Gln Cys Ser Arg Gln Leu Trp Ile His
100 105 110

Ala Cys Pro Pro Gly His Ala Gly Trp Gly Gly Thr Pro Pro
115 120 125

<210> 2750

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y35N"

<400> 2750
Ala Ile Leu Gly Tyr Arg Ser Val Gly Lys Ser Ser Leu Thr Ile Gln
1 5 10 15

Phe Val Glu Gly Gln Phe Val Asp Ser Asn Asn Asp Pro Thr Ile Glu
20 25 30

Asn Thr Phe Thr Lys Leu Ile Thr Val Asn Gly Gln Glu Tyr His Leu
35 40 45

Gln Leu Val Asp
50

<210> 2751
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E40Q"

<400> 2751
Ala Cys Gly Lys Thr Cys Leu Leu Ile Val Phe Ser Lys Asp Gln Phe
1 5 10 15

Pro Glu Val Tyr Val Pro Thr Val Phe Gln Gln Asn Tyr Val Ala Asp
20 25 30

Ile Glu Val Asp Gly Lys Gln Val Glu Leu Ala Leu Trp Asp Thr Ala
35 40 45

Gly Gln Glu Asp
50

<210> 2752

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y42C"

<400> 2752
Gly Lys Thr Cys Leu Leu Ile Val Phe Ser Lys Asp Gln Phe Pro Glu
1 5 10 15

Val Tyr Val Pro Thr Val Phe Glu Asn Cys Cys Val Ala Asp Ile Glu
20 25 30

Val Asp Gly Lys Gln Val Glu Leu Ala Leu Trp Asp Thr Ala Gly Gln
35 40 45

Glu Asp Tyr Asp
50

<210> 2753
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T464M"

<400> 2753
Val Leu Glu Met Phe Asp Leu Arg Met Met Val Glu Asn Ile Met Asn
1 5 10 15

Lys Glu Ala Phe Met Asn Gln Glu Ile Met Met Lys Ala Phe His Val
20 25 30

Arg Lys Ala Asn Arg Ile Lys Glu Cys Leu Ser Lys Gly Thr Phe Ser
35 40 45

Asp Val Thr Phe
50

<210> 2754

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V73M"

<400> 2754
Leu Lys Ala Val Arg Met Arg Thr Gly Ala Glu Asn Leu Leu Lys Val
1 5 10 15

Ala Thr Asn Ser Lys Val Arg Glu Gln Met Met Arg Leu Glu Leu Ser
20 25 30

Phe Val Asn Ser Asp Leu Gln Met Leu Lys Glu Glu Leu Glu Gly Leu
35 40 45

Asn Ile Ser Val
50

<210> 2755
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S358R"

<400> 2755
Arg Ile Pro Gln Pro Pro Pro Ile Ala His Pro Arg Thr Ser Pro Gln
1 5 10 15

Pro Glu Ser Gly Ile Lys Arg Leu Phe Arg Arg Phe Phe Ser Arg Asp
20 25 30

Lys Lys Arg Leu Ala Asn Thr Gln Arg Asn Val His Ile Gln Glu Ser
35 40 45

Phe Gly Gln Trp
50

<210> 2756

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R830H"

<400> 2756
Phe Pro Arg Gly Ser Ala Gly Pro Gln Arg Ser Arg Pro Val Thr Val
1 5 10 15

Pro Ser Ile Asp Asp Tyr Gly Arg Asp His His Leu Ser Pro Asp Phe
20 25 30

Tyr Glu Glu Ser Glu Thr Asp Pro Gly Ala Glu Glu Leu Pro Ala Arg
35 40 45

Ile Phe Val Ala
50

<210> 2757
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A396del"

<400> 2757
His Glu Leu Ile Lys Leu Asn Trp Leu Leu Ala Lys Ala Leu Trp Val
1 5 10 15

Leu Ala Arg Arg Cys Tyr Thr Leu Gln Glu Asn Lys Gln Leu Arg Arg
20 25 30

Ala Gly Cys Pro Tyr Gln Ala Asp Glu Lys Val Lys Arg Leu Lys Val
35 40 45

Lys Arg Ala Glu Leu
50

<210> 2758

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q1154R"

<400> 2758
Tyr Ala Asp Gly Leu Lys Val Cys Glu Val Ala Asp Ala Thr Ala Gly
1 5 10 15

Ser Thr Leu Leu Glu Phe Ser Gln Leu Arg Arg Val Pro Leu Thr Trp
20 25 30

Gln Lys Val Ser Val Arg Thr Met Ser Leu Cys Gly Glu Ser Leu Asp
35 40 45

Ser Val Pro Ala
50

<210> 2759
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.V401fs"

<400> 2759
Leu Gly Leu Lys Val Val Gly Gly Lys Met Thr Glu Ser Gly Arg Leu
1 5 10 15

Cys Ala Phe Ile Thr Lys Val Lys Lys Glu Val
20 25

<210> 2760
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R55L"

<400> 2760
Glu Arg Glu Glu Tyr Ser Gln Tyr Ala Thr Ser Asp Thr Ala Met Pro
1   5   10   15

Arg Ser Pro Ser Asp Tyr Ala Asp Arg Leu Leu Ser Gln His Glu Pro
            20   25   30

Gln Phe Tyr Glu Asp Ser Asp His Leu Ser Tyr Arg Asp Ser Asn Arg
        35   40   45

Arg Ser His Arg
    50

<210> 2761
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R599Q"

<400> 2761
Lys Arg Arg Thr Lys Thr Val Lys Lys Thr Leu Glu Pro Lys Trp Asn
1   5   10   15

Gln Thr Phe Ile Tyr Ser Pro Val His Gln Gln Arg Glu Phe Arg Glu
            20   25   30

Arg Met Leu Glu Ile Thr Leu Trp Asp Gln Ala Arg Val Arg Glu Glu
        35   40   45

Glu Ser Glu Phe
    50

<210> 2762
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L449V"

<400> 2762
Asp Thr Pro Arg Glu Ser Thr Glu Gln Gly Gln Asp Thr Glu Val Lys
1   5   10   15

Ala Ser Asp Pro His Ser Met Pro Glu Val Val Pro Arg Thr Ala Lys
            20   25   30

Gln Pro Pro Val Pro Pro Pro Arg Lys Lys Arg Ile Ser Arg Gln Leu
        35   40   45

Ala Ser Thr Leu
    50

<210> 2763
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S708L"

<400> 2763
Leu Tyr Lys Cys Val Leu Lys Pro Leu Lys Glu Ala Ile Asn Ser Cys
1   5   10   15

Leu His Gln Ile His Ser Lys Asp Gly Leu Leu Leu Gln Gln Leu Lys
            20   25   30

Glu Asn Gln Leu Val Ile Leu Ala Thr Thr Thr Thr Asp Leu Gly Val
        35   40   45

Thr Thr Ser Val
    50

<210> 2764
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G171fs"

<400> 2764
Gln Ala Met His Arg Ala Gln Arg Val Arg Arg Pro Ile Pro Gly Ser
1   5   10   15

Asp Gln Thr Thr Thr Met Ser Gly Gly Lys Glu Ser Pro Gly Arg Glu
            20   25   30

Lys Gly Met Glu Lys Met
        35

<210> 2765
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P402L"

<400> 2765
Arg Arg Arg Gln Thr Ala Leu Arg Ala Gly Ala Gly Pro Pro Gly Ala
1   5   10   15

Gln Gly Pro Gly Pro Glu Gly Gln Ser Leu Leu Ala Pro Ala Leu Arg
            20   25   30

Ser Arg Ile His Glu Arg Leu Ala His Leu His Ala Ala Cys Ala Pro
        35   40   45

Arg Arg Lys Val
    50

<210> 2766
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.L107fs"

<400> 2766
Ser Lys Met Gln Leu Glu Glu Gln Val Leu Thr Ile Ser Ser Glu Ile
1   5   10   15

Pro Lys Arg Ile Arg Ser Ala Leu Lys Met Gln Lys Asn Gln Ser Asn
            20   25   30

Phe Leu Ile Ser Phe Trp Ser Arg Lys Leu Ile Ser Ser Ala Pro Leu
        35   40   45

Thr Ala Ile Cys
    50

<210> 2767
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M90I"

<400> 2767
Asp Asp Glu Pro Ala Asn Leu Asp Ile Leu Asp Thr Ala Gly Gln Ala
1   5   10   15

Glu Phe Thr Ala Met Arg Asp Gln Tyr Ile Ile Arg Ala Gly Glu Gly
            20   25   30

Phe Ile Ile Cys Tyr Ser Ile Thr Asp Arg Arg Ser Phe His Glu Val
        35   40   45

Arg Glu Phe Lys
    50

<210> 2768
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R85L"

<400> 2768
Gln Val Arg Ile Asp Asn Glu Pro Ala Tyr Leu Asp Ile Leu Asp Thr
1   5   10   15

Ala Gly Gln Ala Glu Phe Thr Ala Met Leu Leu Glu Gln Tyr Met Arg
            20   25   30

Gly Gly Glu Gly Phe Ile Ile Cys Tyr Ser Val Thr Asp Arg Gln Ser
        35   40   45

Phe Gln Glu Ala
    50

<210> 2769
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A72V"

<400> 2769
Lys Ala Lys Asp Glu Leu Asn Glu Arg Glu Glu Thr Arg Glu Glu Ala
1   5   10   15

Val Arg Glu Leu Gln Glu Met Val Gln Val Val Gln Ala Ala Ser Gly
            20   25   30

Glu Glu Leu Ala Val Ala Val Ala Glu Arg Val Gln Glu Lys Asp Ser
        35   40   45

Gly Phe Phe Leu
    50

<210> 2770
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.D281N"

<400> 2770
Pro Phe Leu Lys Ser Lys Leu Leu Glu Arg Val Phe Val His Gly Asp
1   5   10   15

Asp Leu Ser Gly Phe Tyr Gln Glu Ile Asn Asn Glu Asn Ile Leu Pro
            20   25   30

Ser Asp Phe Gly Gly Thr Leu Pro Lys Tyr Asp Gly Lys Ala Val Ala
        35   40   45

Glu Gln Leu Phe
    50

<210> 2771
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S501L"

<400> 2771
Ser Pro Ser Ser Ser Ser Gly Gly Glu Ser Ser Glu Thr Ser Ser Asp
1   5   10   15

Leu Phe Glu Gly Ser Asn Glu Gly Ser Leu Leu Ser Ser Gly Ser Ser
            20   25   30

Gly Ala Arg Arg Glu Gly Arg His Arg Ala Pro Val Thr Phe Asp Glu
        35   40   45

Ser Gly Ser Leu
    50

<210> 2772
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S138C"

<400> 2772
Gln Gln His Val Pro Val Leu Lys Asp Ser Ser Leu Leu Phe Glu Glu
1   5   10   15

Phe Lys Lys Leu Ile Arg Asn Arg Gln Cys Cys Glu Ala Ala Asp Ser
            20   25   30

Ser Pro Ser Glu Leu Lys Tyr Leu Gly Leu Asp Thr His Ser Arg Lys
        35   40   45

Lys Arg Gln Leu
    50

<210> 2773
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A127V"

<400> 2773
His Ser Phe Pro Asn Arg Ser Arg Phe Trp Lys His Glu Trp Glu Lys
1   5   10   15

His Gly Thr Cys Ala Ala Gln Val Asp Val Val Leu Asn Ser Gln Lys
            20   25   30

Lys Tyr Phe Gly Arg Ser Leu Glu Leu Tyr Arg Glu Leu Asp Leu Asn
        35   40   45

Ser Val Leu Leu
    50

<210> 2774
<211> 68
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R771fs"

<400> 2774
His Glu Val Met Gln Arg Met Glu Val Gln Arg Arg Arg Met Met Gln
1   5   10   15

His Pro Thr Arg Ala His Glu Arg Pro His Pro Ile His Ile Gly Cys
            20   25   30

Thr Gln Thr Met Val Met Gly Ile Ile Phe Met Cys Leu Arg Leu Cys
        35   40   45

Pro His Ile Leu Asp Arg Leu Gln Arg Gly Leu Pro Gly Asn Trp Glu
    50   55   60

Leu Lys Leu Glu
65

<210> 2775
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A172V"

<400> 2775
Tyr Arg Gly Ile His Ser Tyr Leu Arg Tyr Leu Lys Pro Lys Asp Thr
1   5   10   15

Ser Met Gly Asn Ser Ser Ser Gly Met Val Val Arg Lys Gly Pro Ile
            20   25   30

Arg Ala Pro Gly His Leu Arg Ala Thr Val Arg Trp Asp Tyr Gln Pro
        35   40   45

Asp Ile Cys Lys
    50

<210> 2776
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S9G"

<400> 2776
Met Ala Trp Arg Arg Arg Glu Ala Gly Gly Val Gly Ala Arg Gly Val
1   5   10   15

Leu Ala Leu Ala Leu Leu Ala Leu Ala Leu Cys Val Pro Gly Ala Arg
            20   25   30

Gly Arg Ala
        35

<210> 2777
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S208L"

<400> 2777
Leu Glu Arg Asn Ile Thr Val Thr Met Tyr Ile Thr Ile Gly Thr Arg
1   5   10   15

Asn Leu Gln Lys Tyr Val Ser Arg Thr Leu Leu Val Val Phe Val Ser
            20   25   30

Ile Ser Phe Ile Val Leu Met Ile Ile Ser Leu Ala Trp Leu Val Phe
        35   40   45

Tyr Tyr Ile Gln
    50

<210> 2778
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R236Q"

<400> 2778
Phe Val Ser Ile Ser Phe Ile Val Leu Met Ile Ile Ser Leu Ala Trp
1   5   10   15

Leu Val Phe Tyr Tyr Ile Gln Arg Phe Gln Gln Tyr Ala Asn Ala Arg
            20   25   30

Asp Arg Asn Gln Arg Arg Leu Gly Asp Ala Ala Lys Lys Ala Ile Ser
        35   40   45

Lys Leu Gln Ile
    50

<210> 2779
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P95S"

<400> 2779
Pro Asp Asp Pro Glu Val Leu Ala Val Ile Ala Ile Pro His Thr Ser
1   5   10   15

Glu His Thr Pro Val Phe Ile Lys Leu Ser Ser Ser Asn Gly Cys Tyr
            20   25   30

Met Leu Pro Leu Pro Ile Ser Lys Glu Arg Ala Leu Leu Pro Gly Asp
        35   40   45

Met Gly Cys Arg
    50

<210> 2780
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S351C"

<400> 2780
Lys Lys Tyr Asn Asn Lys Lys Glu Leu Ser Cys Tyr Asp Thr Tyr Pro
1   5   10   15

Pro Leu Glu Lys Lys Lys Val Asp Met Cys Cys Val Leu Thr Ser Glu
            20   25   30

Ala Pro Pro Pro Pro Leu Gln Pro Glu Thr Asn Asp Val His Leu Glu
        35   40   45

Ala Lys Asn Phe
    50

<210> 2781
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A133T"

<400> 2781
Pro Leu Ala Ala Ser Ser Pro Ala Trp Arg Pro Pro Pro Gly Gln Ala
1   5   10   15

Arg Pro Pro Gly Ser Pro Gly Gln Ser Thr Thr Gln Leu Pro Leu Asp
            20   25   30

Leu Leu Pro Ser Leu Pro Arg Glu Ser Gln Ile Phe Val Ile Ser Arg
        35   40   45

His Gly Met Pro
    50

<210> 2782
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G263C"

<400> 2782
His Arg Arg Leu Leu Ile Ser Ala Asp Arg Arg Ser Val Gln Leu Ala
1   5   10   15

Pro Pro Gly Thr Pro Ala Pro Pro Asp Cys Cys Pro Lys Arg Phe Asp
            20   25   30

Gln Leu Pro Ala Val Leu Gly Ala Gln Gly Phe Gly Ala Gly Arg His
        35   40   45

Cys Trp Glu Val
    50

<210> 2783
<211> 65
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G659fs"

<400> 2783
Pro Ser Thr Ser Ser Leu Phe Asn Leu Gln Lys Ser Ser Leu Ser Ala
1   5   10   15

Arg His Pro Gln Arg Lys Arg Arg Gly Val Pro Pro Ser Pro Pro Leu
            20   25   30

Ala Leu Gly Pro Arg Met Gln Leu Cys Thr Gln Leu Ala Arg Phe Phe
        35   40   45

Pro Ile Thr Pro Pro Val Trp His Ile Leu Gly Pro Gln Arg His Thr
    50   55   60

Pro
65

<210> 2784
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P116fs"

<400> 2784
Asn Ala Ser Asp Asp Asp Asn Leu Glu Pro Gly Phe Ile Ser Ile Val
1   5   10   15

Lys Leu Glu Ser Pro Arg Arg Ala Pro Pro Pro Leu Pro Val Thr Gly
            20   25   30

<210> 2785
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S216L"

<400> 2785
Pro Pro Ala Trp Pro Asp Tyr Asp Val Trp Ile Leu Met Thr Val Val
1   5   10   15

Gly Thr Ile Phe Val Ile Ile Leu Ala Leu Leu Val Leu Arg Ile Arg
            20   25   30

Cys Arg Pro Arg His Ser Arg Pro Asp Pro Leu Gln Gln Arg Thr Ala
        35   40   45

Trp Ala Ile Ser
    50

<210> 2786
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K392fs"

<400> 2786
Pro Glu Phe Leu Val Tyr Phe Pro Leu Leu Asn Glu Met Ala Lys Lys

1 5 10 15

Tyr Asn Met Lys Leu Val Tyr Lys Lys His Phe Trp Asn Ser Thr Lys
20 25 30

Lys Arg Leu Arg Thr Met Lys Ile Lys Cys Ser
35 40

<210> 2787
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E116fs"

<400> 2787
Leu Val Val Glu Phe Ala Lys Glu Gln Asp Arg Val His Ser Pro Cys
1 5 10 15

Pro Thr Ser Gly Ser Glu Lys Lys Lys Gly Leu Met Thr Leu Ser Lys
20 25 30

Met Ile Lys Lys Lys Lys Asn Leu Val Ile
35 40

<210> 2788
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D1018N"

<400> 2788
Ser Gln Ile Thr Gln Ala Thr Pro Tyr Ala Thr Thr Gln Ile Leu His
1 5 10 15

Ser Asn Ser Ile His Glu Leu Ala Val Asn Asn Leu Pro Asp Pro Gln
20 25 30

Trp Lys Ser Ser Ile Gln Gln Lys Thr Asp Leu Met Gly Phe Gly Tyr

35 40 45

Ser Leu Pro Asp
50

<210> 2789
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1080fs"

<400> 2789
Lys Asn Lys Asn Ser Ser Lys Pro Gln Lys Asn Asn Gly Ser Thr Trp
1 5 10 15

Ala Asn Val Pro Leu Pro Pro Pro Pro Ser Pro Ala Pro Ser Trp His
20 25 30

Gly Ala Gly Thr Leu Cys Ser Gly Thr Thr Arg Lys Trp Leu
35 40 45

<210> 2790
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K1293fs"

<400> 2790
Pro Thr Ser Pro Phe Ser Thr Asp Ser Asn Thr Ser Ala Ala Leu Ser
1 5 10 15

Gln Ser Gln Arg Pro Arg Pro Thr Lys Asn Thr Arg Glu Gly Gly Trp
20 25 30

Thr Asn Asn Gln His Cys Leu Ile Glu Gly Lys Glu
35 40

<210> 2791

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T518S"

<400> 2791
His Arg Ile Asn Glu Tyr Gln Arg Lys Ala Glu Gln Glu Asn Glu Lys
1 5 10 15

Arg Arg Asn Val Glu Asn Glu Val Ser Ser Ser Leu Lys Asp Gln Leu
20 25 30

Glu Asp Leu Lys Lys Val Ser Gln Asn Ser Gln Leu Ala Asn Glu Lys
35 40 45

Leu Ser Gln Leu
50

<210> 2792
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D672N"

<400> 2792
Lys Leu Leu Gly Asn Ser Leu Leu Pro Ile Arg Trp Met Ala Pro Glu
1 5 10 15

Ala Ile Met Tyr Gly Lys Phe Ser Ile Asn Asn Ser Asp Ile Trp Ser
20 25 30

Tyr Gly Val Val Leu Trp Glu Val Phe Ser Tyr Gly Leu Gln Pro Tyr
35 40 45

Cys Gly Tyr Ser
50

<210> 2793

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G94W"

<400> 2793
Asn Arg Asn Arg Cys Gln His Cys Arg Leu Gln Lys Cys Leu Ala Leu
1 5 10 15

Gly Met Ser Arg Asp Ala Val Lys Phe Trp Trp Arg Met Ser Lys Lys
20 25 30

Gln Arg Asp Ser Leu Tyr Ala Glu Val Gln Lys His Gln Gln Arg Leu
35 40 45

Gln Glu Gln Arg
50

<210> 2794
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R245I"

<400> 2794
Phe Pro Gly Gly Pro Ile Leu Gly Tyr Asn Leu Arg Leu Ile Ser Lys
1 5 10 15

Asn Gln Lys Leu Asp Ala Gly Thr Gln Ile Ile Thr Ser Phe Gln Phe
20 25 30

Tyr Ser Thr Leu Pro Asn Thr Ile Tyr Arg Phe Ser Ile Ala Ala Val
35 40 45

Asn Glu Val Gly
50

<210> 2795

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S1771L"

<400> 2795
Trp Leu Leu Lys Glu Asn His Leu Leu Arg Met Ser Ser Glu Asn Pro
1 5 10 15

Gly Met Cys Gly Asn Ala Asp Thr Thr Leu Leu Val Asp Thr Leu Leu
20 25 30

Asp Asn Asn Ser Ser Glu Val Pro Tyr Ser His Phe Gly Asn Leu Ala
35 40 45

Pro Gly Pro Thr
50

<210> 2796
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R31H"

<400> 2796
Ser Glu Gly Ala Ile Ala Ala Ile Met Gln Lys Gly Asp Thr Asn Ile
1 5 10 15

Lys Pro Ile Leu Gln Val Ile Asn Ile His His Pro Ile Thr Thr Gly
20 25 30

Asn Ser Pro Pro Arg Tyr Arg Leu Leu Met Ser Asp Gly Leu Asn Thr
35 40 45

Leu Ser Ser Phe
50

<210> 2797

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K187T"

<400> 2797
Arg Gln Lys Ile His Ile Ser Lys Lys Trp Gly Phe Thr Lys Phe Asn
1 5 10 15

Ala Asp Glu Phe Glu Asp Met Val Ala Thr Thr Lys Cys Leu Ile Pro
20 25 30

Asp Gly Cys Gly Val Lys Tyr Val Pro Ser His Gly Pro Leu Asp Lys
35 40 45

Trp Arg Val Leu
50

<210> 2798
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G107R"

<400> 2798
Gln Thr Met Arg Gly Met Pro Pro His Lys Thr Lys Pro Gly Gln Ala
1 5 10 15

Ala Leu Asp Cys Leu Lys Val Phe Asp Arg Arg Ile Pro Pro Pro Tyr
20 25 30

Asp Lys Lys Lys Arg Met Val Val Pro Ala Ala Leu Lys Val Val Arg
35 40 45

Leu Lys Pro Ala
50

<210> 2799

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R151C"

<400> 2799
Lys Val Lys Gly Asn Val Phe Lys Asn Lys Arg Ile Leu Met Glu His
1 5 10 15

Ile His Lys Leu Lys Ala Asp Lys Ala Cys Cys Lys Lys Leu Leu Ala
20 25 30

Asp Gln Ala Glu Ala Arg Arg Ser Lys Thr Lys Glu Ala Arg Lys Arg
35 40 45

Arg Glu Glu Arg
50

<210> 2800
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.K15fs"

<400> 2800
Met Ala Pro Val Lys Lys Leu Val Val Lys Gly Gly Lys Lys Arg Ser
1 5 10 15

Lys Phe

<210> 2801
<211> 77
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R58fs"

<400> 2801
Lys Arg Leu Val Ile Gln Asp Lys Asn Lys Tyr Asn Thr Pro Lys Tyr
1   5   10   15

Arg Met Ile Val Arg Val Thr Asn Arg Tyr His Leu Ser Asp Cys Leu
            20   25   30

Cys Pro Tyr Arg Gly Gly Tyr Asp Ser Leu Arg Ser Val Cys Thr Arg
        35   40   45

Thr Ala Lys Ile Trp Cys Glu Gly Trp Pro Asp Lys Leu Cys Cys Ser
    50   55   60

Ile Leu Tyr Trp Pro Ala Ala Gly Pro Gln Ala Ser Gln
65   70   75

<210> 2802
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F193C"

<400> 2802
Leu Ala Ser Gly Leu Leu Leu Val Thr Gly Pro Leu Val Leu Asn Arg
1   5   10   15

Val Pro Leu Arg Arg Thr His Gln Lys Cys Cys Val Ile Ala Thr Ser
            20   25   30

Thr Lys Ile Asp Ile Ser Asn Val Lys Ile Pro Lys His Leu Thr Asp
        35   40   45

Ala Tyr Phe Lys
    50

<210> 2803
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R97S"

<400> 2803
Pro His Arg Leu Asn Leu Phe Tyr Leu Ala Asn Asp Val Ile Gln Asn
1 5 10 15

Cys Lys Arg Lys Asn Ala Ile Ile Phe Ser Ser Glu Ser Phe Ala Asp
20 25 30

Val Leu Pro Glu Ala Ala Ala Leu Val Lys Asp Pro Ser Val Ser Lys
35 40 45

Ser Val Glu Arg
50

<210> 2804
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R200G"

<400> 2804
Gly Lys Pro His Thr Val Pro Cys Lys Val Thr Gly Arg Cys Gly Ser
1 5 10 15

Val Leu Val Arg Leu Ile Pro Ala Pro Gly Gly Gly Thr Gly Ile Val
20 25 30

Ser Ala Pro Val Pro Lys Lys Leu Leu Met Met Ala Gly Ile Asp Asp
35 40 45

Cys Tyr Thr Ser
50

<210> 2805
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E166K"

<400> 2805
Thr His Leu Ser Gln Arg Glu Arg Phe Thr Glu His Glu Val Gln Ile
1 5 10 15

Tyr Val Gly Glu Ile Val Leu Ala Leu Lys Lys His Leu His Lys Leu
20 25 30

Gly Ile Ile Tyr Arg Asp Ile Lys Leu Glu Asn Ile Leu Leu Asp Ser
35 40 45

Asn Gly His Val
50

<210> 2806
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S394Y"

<400> 2806
Ala Thr Ser Ile Ala Glu Glu Tyr Lys Ile Thr Pro Ile Thr Ser Ala
1 5 10 15

Asn Val Leu Pro Ile Val Gln Ile Asn Tyr Glu Asn Ala Ala Gln Phe
20 25 30

Gly Glu Val Tyr Glu Leu Lys Glu Asp Ile Gly Val Gly Ser Tyr Ser
35 40 45

Val Cys Lys Arg
50

<210> 2807
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K109fs"

<400> 2807
Lys Lys Ala Ser Leu Lys Val Arg Asp Arg Val Arg Thr Lys Met Glu
1 5 10 15

Arg Asp Ile Leu Val Glu Val Asn His His Leu Leu Ser Asn Cys Thr
20 25 30

Met Pro Phe Arg Leu Lys Gly Asn Cys Thr
35 40

<210> 2808
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q111E"

<400> 2808
Ala Val Leu Lys Phe Ala Ala Ala Thr Gly Ala Thr Pro Ile Ala Gly
1 5 10 15

Arg Phe Thr Pro Gly Thr Phe Thr Asn Glu Glu Ile Gln Ala Ala Phe
20 25 30

Trp Glu Pro Arg Leu Leu Val Val Thr Asp Pro Arg Ala Asp His Gln
35 40 45

Pro Leu Thr Glu
50

<210> 2809
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G364S"

<400> 2809
Gln Ser Ser His Tyr Gly Gln Met Asp Arg Lys Gly Gln Cys Tyr His
1   5   10   15

Tyr Asp Gln Thr Asn Arg Gln Gly Gln Ser Ser Ser His Tyr Ser Gln
            20   25   30

Pro Asn Arg Gln Gly Gln Ser Ser His Tyr Gly Gln Pro Asp Thr Gln
        35   40   45

Asp Gln Ser Ser
    50

<210> 2810
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M538I"

<400> 2810
Gln Thr Asp Arg Gln Gly Gln Ser Phe His Tyr Gly Gln Pro Asp Arg
1   5   10   15

Gln Gly Gln Ser Ser His Tyr Ser Gln Ile Ile Asp Arg Gln Gly Gln
            20   25   30

Ser Ser His Tyr Gly Gln Thr Asp Arg Gln Gly Gln Ser Ser His Tyr
        35   40   45

Gly Gln Thr Asp
    50

<210> 2811
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G296S"

<400> 2811
Cys Gly Gln Ser Glu Arg Leu Gly Gln Glu Leu Gly Cys Gly Gln Thr
1   5   10   15

Asp Arg Gln Gly Gln Ser Ser His Tyr Ser Ser Gln Thr Asp Arg Gln
            20   25   30

Asp Gln Ser Tyr His Tyr Gly Gln Thr Asp Arg Gln Gly Gln Ser Ser
        35   40   45

His Tyr Ser Gln
    50

<210> 2812
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A278E"

<400> 2812
Leu Arg Arg Asp Ser Lys Glu Ala Asn Ala Arg Arg Gln Ala Gly Thr
1   5   10   15

Arg Arg Arg Glu Ser Leu Gly Lys Lys Glu Glu Lys Arg Phe Leu Gly
            20   25   30

Arg Ile Val Ala Arg Asn Ser Arg Lys Met Ala Phe Arg Ala Lys Ser
        35   40   45

Lys Ser Cys His
    50

<210> 2813
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G783V"

<400> 2813
Cys Gly Glu Asp Leu Lys His Tyr Arg Ala Leu Arg Ile His Met Arg
1   5   10   15

Thr His Cys Gly Arg Gly Leu Gly Gly Val Val His Lys Gly Arg Lys
            20   25   30

Pro Phe Glu Cys Lys Glu Cys Ser Ala Ala Phe Ala Ala Lys Arg Asn
        35   40   45

Cys Ile His His
    50

<210> 2814
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R9C"

<400> 2814
Met Ala Ala Pro Leu Leu His Thr Cys Cys Leu Pro Gly Asp Ala Ala
1   5   10   15

Ala Ser Ser Ser Ala Val Lys Lys Leu Gly Ala Ser Arg Thr Gly Ile
            20   25   30

Ser Asn Met
        35

<210> 2815
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P11S"

<400> 2815
Met Ala Ala Pro Leu Leu His Thr Arg Leu Ser Ser Gly Asp Ala Ala
1   5   10   15

Ala Ser Ser Ser Ala Val Lys Lys Leu Gly Ala Ser Arg Thr Gly Ile
            20   25   30

Ser Asn Met Arg Ala
        35

<210> 2816
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L214F"

<400> 2816
Lys Glu Ala Gly Ser Ser Met Arg Lys Arg Ala Lys Leu Ile Ser Thr
1   5   10   15

Val Ser Lys Lys Asp Phe Ile Ser Val Phe Phe Arg Gly Met Asp Gly
            20   25   30

Ser Thr Asn Glu Thr Ala Ser Ser Arg Lys Lys Pro Lys Ala Lys Gln
        35   40   45

Thr Glu Val Lys
    50

<210> 2817
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N45fs"

<400> 2817
Gln Arg Ile Thr Val His Lys Glu Leu Glu Leu Gln Phe Asp Leu Gly

1 5 10 15

Asn Leu Leu Ala Ser Asp Arg Asn Pro Arg Pro Gly Cys Gly Ala Pro
20 25 30

Asp Pro Arg Arg Arg Pro Ser Tyr Arg Pro Trp Arg Gly Thr Thr Arg
35 40 45

Asn Cys Ser Ser Thr Ser Cys Gly Ser Cys Pro Arg Ser Ala Trp Lys
50 55 60

Arg Arg
65

<210> 2818
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E572K"

<400> 2818
Ser Pro Phe Lys Arg Arg Arg Ser Met Asn Glu Ile Lys Asn Leu Gln
1 5 10 15

Tyr Leu Pro Arg Thr Ser Glu Pro Arg Lys Lys Val Leu Phe Glu Asp
20 25 30

Arg Thr Arg Ala His Ala Asp His Val Gly Gln Gly Phe Asp Trp Gln
35 40 45

Ser Thr Ala Ala
50

<210> 2819
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.K386fs"

<400> 2819
His Glu Ile Thr Glu Lys Ser Thr Glu Glu Thr Glu Lys Leu Lys Asn
1   5   10   15

Asp Gln Gln Ala Lys Ile Pro Leu Lys Asn Glu Lys Leu Asn
            20   25   30

<210> 2820
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R28C"

<400> 2820
Phe Arg Leu Phe Ser Phe Ala Leu Ile Ile Leu Asn Cys Met Asp Tyr
1   5   10   15

Ser His Cys Gln Gly Asn Arg Trp Arg Cys Cys Ser Lys Arg Ala Ser
            20   25   30

Tyr Val Ser Asn Pro Ile Cys Lys Gly Cys Leu Ser Cys Ser Lys Asp
        35   40   45

Asn Gly Cys Ser
    50

<210> 2821
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S103W"

<400> 2821
Ala Ser Thr Gly Val Ala Gly Val Ser Ser Ala Met Asp His Thr Phe
1   5   10   15

Ser Thr Thr Ser Lys Asp Gly Glu Gly Trp Trp Cys Tyr Thr Ser Leu

20 25 30

Ile Ser Asp Ile Cys Tyr Pro Pro Gln Glu Asp Ser Thr Tyr Phe Thr
35 40 45

Gly Ile Leu Gln
50

<210> 2822
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P313fs"

<400> 2822
Lys Thr Val Pro Ile Leu Glu Leu Ser Pro Pro Leu Trp Thr Ala Ile
1 5 10 15

Gly Trp Val Gln Arg Gly Pro Thr Pro Leu Leu Leu Ser Ser Gly Phe
20 25 30

Tyr

<210> 2823
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D96fs"

<400> 2823
Leu Cys Ser Val Leu Pro Thr His Trp Arg Cys Asn Lys Thr Leu Pro
1 5 10 15

Ile Ala Phe Lys Val Val Ala Leu Gly Gly Cys Ser Arg Trp His Ser
20 25 30

Gly His Cys Asp Gly Trp Gln

35

<210> 2824
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R135G"

<400> 2824
Asp Glu Asn Tyr Ser Ala Glu Leu Arg Asn Ala Thr Ala Ala Met Lys
1 5 10 15

Asn Gln Val Ala Arg Phe Asn Asp Leu Gly Gly Phe Val Gly Arg Ser
20 25 30

Gly Arg Gly Lys Ser Phe Thr Leu Thr Ile Thr Val Phe Thr Asn Pro
35 40 45

Pro Gln Val Ala
50

<210> 2825
<211> 68
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R142fs"

<400> 2825
Leu Arg Asn Ala Thr Ala Ala Met Lys Asn Gln Val Ala Arg Phe Asn
1 5 10 15

Asp Leu Arg Phe Val Gly Arg Ser Gly Lys Arg Glu Lys Leu His Ser
20 25 30

Asp His His Cys Leu His Lys Pro Thr Ala Ser Arg His Leu Pro Gln
35 40 45

Ser His Gln Asn His Ser Gly Trp Ala Pro Arg Thr Ser Lys Thr Ser

50 55 60

Ala Glu Thr Arg
65

<210> 2826
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R337M"

<400> 2826
Ser Pro Ser Ile His Ser Thr Thr Pro Leu Ser Ser Thr Arg Gly Thr
1 5 10 15

Gly Leu Pro Ala Ile Thr Asp Val Pro Met Met Arg Ile Ser Asp Asp
20 25 30

Asp Thr Ala Thr Ser Asp Phe Cys Leu Trp Pro Ser Thr Leu Ser Lys
35 40 45

Lys Ser Gln Ala
50

<210> 2827
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P466H"

<400> 2827
Ser Thr Pro Tyr Leu Tyr Tyr Gly Thr Ser Ser Gly Ser Tyr Gln Phe
1 5 10 15

Pro Met Val Pro Gly Gly Asp Arg Ser His His Ser Arg Met Leu Pro
20 25 30

Pro Cys Thr Thr Thr Ser Asn Gly Ser Thr Leu Leu Asn Pro Asn Leu

35 40 45

Pro Asn Gln Asn
50

<210> 2828
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q71E"

<400> 2828
Val Ala Ala Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
1 5 10 15

Gln Gln Gln Gln Gln Gln Gln Gln Gln Glu Glu Glu Ala Ala Ala Ala
20 25 30

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Val Pro Arg
35 40 45

Leu Arg Pro Pro
50

<210> 2829
<211> 55
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P486fs"

<400> 2829
Ser Ser Thr Gln Ala Ala Ala Ala Val Gly Pro Thr Val Leu Glu Gly
1 5 10 15

Gln Val Tyr Thr Asn Thr Ser Pro Pro Thr Ser Ala Leu Asp Val Ser
20 25 30

Ala Pro Ala Ala Met Ile Ala Ala Cys Ser Ala Ala Leu Leu Ser Ala

```
        35                  40                  45

Trp Ala Arg Trp Asn Val Cys
    50                  55


<210> 2830
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.E431K"

<400> 2830
Ser Val Gln Leu Leu Thr Pro Ala Asn Leu Leu Ala Lys Ile Asn Gly
1               5                   10                  15


Lys Asp Ser Ile Glu Lys Glu His Val Lys Lys Glu Ile Ser Glu Leu
            20                  25                  30


Phe Tyr Asp Ala Lys Ser Ser Ala Lys Ile Leu Ala Asp Gln Gln Asp
        35                  40                  45


Lys Tyr Met Lys
    50


<210> 2831
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R117C"

<400> 2831
Pro Phe Cys Pro Met Val Gly Ser Glu Val Tyr Ser Thr Glu Ile Lys
1               5                   10                  15


Lys Thr Glu Val Leu Met Glu Asn Phe Cys Cys Arg Ala Ile Gly Leu
            20                  25                  30


Arg Ile Lys Glu Thr Lys Glu Val Tyr Glu Gly Glu Val Thr Glu Leu
```

35 40 45

Thr Pro Cys Glu
50

<210> 2832
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R254H"

<400> 2832
Val Glu Gly Pro Gln Ser Ala Cys Glu Glu Phe Trp Ser Arg Leu Arg
1 5 10 15

Lys Leu Asn Trp Lys Arg Ile Leu Ile His His His Arg Glu Asp Ile
20 25 30

Pro Phe Asp Gly Thr Asn Asp Glu Thr Glu Arg Gln Arg Lys Phe Ser
35 40 45

Ile Phe Glu Glu
50

<210> 2833
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S223Y"

<400> 2833
His Arg Leu Glu Trp Leu Ile Ile Glu Asp Asn His Leu Ser Arg Ile
1 5 10 15

Ser Pro Pro Thr Phe Tyr Gly Leu Asn Tyr Tyr Leu Ile Leu Leu Val
20 25 30

Leu Met Asn Asn Val Leu Thr Arg Leu Pro Asp Lys Pro Leu Cys Gln

```
        35                  40                  45

His Met Pro Arg
    50


<210> 2834
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.S427Y"

<400> 2834
Ala Tyr Cys Lys His Lys Tyr Pro Glu Gln Pro Gly Arg Phe Ala Lys
1               5                   10                  15


Leu Leu Leu Arg Leu Pro Ala Leu Arg Tyr Tyr Ile Gly Leu Lys Cys
            20                  25                  30


Leu Glu His Leu Phe Phe Phe Lys Leu Ile Gly Asp Thr Pro Ile Asp
        35                  40                  45


Thr Phe Leu Met
    50


<210> 2835
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.S427F"

<400> 2835
Ala Tyr Cys Lys His Lys Tyr Pro Glu Gln Pro Gly Arg Phe Ala Lys
1               5                   10                  15


Leu Leu Leu Arg Leu Pro Ala Leu Arg Phe Phe Ile Gly Leu Lys Cys
            20                  25                  30


Leu Glu His Leu Phe Phe Phe Lys Leu Ile Gly Asp Thr Pro Ile Asp
```

35 40 45

Thr Phe Leu Met
50

<210> 2836
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D668Y"

<400> 2836
Ile Arg Pro Asn Ile Phe Val Gly Arg Ala Glu Gly Thr Thr Gln Tyr
1 5 10 15

Ser Lys Trp Tyr Phe Glu Val Met Val Tyr Tyr Glu Val Thr Pro Phe
20 25 30

Leu Thr Ala Gln Ala Thr His Leu Arg Val Gly Trp Ala Leu Thr Glu
35 40 45

Gly Tyr Thr Pro
50

<210> 2837
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A2576T"

<400> 2837
Asn Arg Tyr Leu Cys Leu Ala Val Leu Pro Leu Ile Thr Lys Cys Ala
1 5 10 15

Pro Leu Phe Ala Gly Thr Glu His Arg Thr Thr Ile Met Val Asp Ser
20 25 30

Met Leu His Thr Val Tyr Arg Leu Ser Arg Gly Arg Ser Leu Thr Lys

35 40 45

Ala Gln Arg Asp
50

<210> 2838
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M4334I"

<400> 2838
Ile Cys Ser Leu Leu Leu Gly Gly Ser Leu Val Glu Gly Ala Lys Lys
1 5 10 15

Ile Lys Val Ala Glu Leu Leu Ala Asn Ile Ile Pro Asp Pro Thr Gln
20 25 30

Asp Glu Val Arg Gly Asp Gly Glu Glu Gly Glu Arg Lys Pro Leu Glu
35 40 45

Ala Ala Leu Pro
50

<210> 2839
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E711K"

<400> 2839
Val Thr Ala Glu Ala Thr His Leu Arg Val Gly Trp Ala Ser Thr Glu
1 5 10 15

Gly Tyr Ser Pro Tyr Pro Gly Gly Gly Lys Lys Glu Trp Gly Gly Asn
20 25 30

Gly Val Gly Asp Asp Leu Phe Ser Tyr Gly Phe Asp Gly Leu His Leu

35 40 45

Trp Ser Gly Cys
50

<210> 2840
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L2023F"

<400> 2840
Asp Phe His Glu Asp Leu Met Thr His Cys Gly Ile Glu Leu Asp Glu
1 5 10 15

Asp Gly Ser Leu Asp Gly Asn Ser Asp Phe Phe Thr Ile Arg Gly Arg
20 25 30

Leu Leu Ser Leu Val Glu Lys Val Thr Tyr Leu Lys Lys Lys Gln Ala
35 40 45

Glu Lys Pro Val
50

<210> 2841
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K2413N"

<400> 2841
Ile Met Thr Phe Tyr Ser Ala Leu Ile Asp Leu Leu Gly Arg Cys Ala
1 5 10 15

Pro Glu Met His Leu Ile His Ala Gly Asn Asn Gly Glu Ala Ile Arg
20 25 30

Ile Arg Ser Ile Leu Arg Ser Leu Ile Pro Leu Gly Asp Leu Val Gly

35 40 45

Val Ile Ser Ile
50

<210> 2842
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1670T"

<400> 2842
Asp Glu Ser Lys Arg His Gly Leu Pro Gly Val Gly Leu Arg Thr Cys
1 5 10 15

Leu Lys Pro Gly Phe Arg Phe Ser Thr Thr Thr Cys Phe Val Val Thr
20 25 30

Gly Glu Asp His Gln Lys Gln Ser Pro Glu Ile Pro Leu Glu Ser Leu
35 40 45

Arg Thr Lys Ala
50

<210> 2843
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R2705Q"

<400> 2843
Leu Ala Val Gly Trp Thr Val Glu Arg Thr Lys Glu Gly Glu Ala Leu
1 5 10 15

Val Gln Gln Arg Glu Asn Glu Lys Leu Gln Gln Ser Val Ser Gln Ala
20 25 30

Asn Gln Gly Asn Ser Tyr Ser Pro Ala Pro Leu Asp Leu Ser Asn Val

35 40 45

Val Leu Ser Arg
50

<210> 2844
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R2906Q"

<400> 2844
Phe His Val Asn Gly His Phe Ala Leu Asp Ser Ala Arg Arg Asn Leu
1 5 10 15

Trp Arg Asp Asp Asn Gly Val Gly Val Gln Gln Ser Asp Trp Asn Asn
20 25 30

Ser Leu Met Thr Ala Leu Ile Ala Pro Ala Tyr Val Glu Leu Leu Ile
35 40 45

Gln Leu Lys Lys
50

<210> 2845
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W798fs"

<400> 2845
Arg Glu Gly Gln His Tyr Pro Glu Arg His Gly Gly Pro Glu Arg His
1 5 10 15

Gly Arg Asp Ser Arg Asp Gly Trp Gly Ala Met Ala Leu Thr Arg Gly
20 25 30

<210> 2846

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G799V"

<400> 2846
Glu Arg Glu Gly Gln His Tyr Pro Glu Arg His Gly Gly Pro Glu Arg
1 5 10 15

His Gly Arg Asp Ser Arg Asp Gly Trp Val Val Gly Tyr Gly Ser Asp
20 25 30

Lys Arg Met Ser Glu Gly Arg Gly Leu Pro Pro Pro Pro Arg Gly Arg
35 40 45

Arg Asp Trp Gly
50

<210> 2847
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R229C"

<400> 2847
His Asn Val Cys Glu Gln Lys Met Glu Asn Val Gln Pro Ala Pro Asp
1 5 10 15

Asn Val Leu Leu Thr Leu Arg Pro Arg Cys Cys Ile Asn Met Thr Asp
20 25 30

Thr Gly Ile Ser Pro Met Ser Thr Arg Asp Pro Tyr Ala Thr Ile Thr
35 40 45

Tyr Asn Val Pro
50

<210> 2848

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H298Q"

<400> 2848
Ser Thr Gly Leu Ile Asn Val Ala Gly Ala Gly Thr Pro Ala Ile Ser
1 5 10 15

Thr Asn Gly Leu Tyr Ser Thr Val Pro Gln Gln Asn Val Cys Glu Glu
20 25 30

Lys Met Glu Asn Asp Gln Pro Gln Pro Asn Asn Val Leu Ser Thr Val
35 40 45

Gln Pro Val Ile
50

<210> 2849
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L593V"

<400> 2849
Pro Gly Leu Asn His Val Glu Ser Gly Val Ser Ala Thr Ala Glu Ser
1 5 10 15

Pro Gln Ser Leu Leu Gly Gly Pro Pro Val Val Thr Lys Ala Glu Pro
20 25 30

Val Ser Leu Pro Cys Thr Asn Ala Arg Ala Gly Asp Ala Pro Val Gly
35 40 45

Ala Gln Ala Ser
50

<210> 2850

<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V995fs"

<400> 2850
Asn Gln Tyr Thr Ser Met Leu Asn Gly Gly Leu Ala Val Lys Thr Asn
1 5 10 15

Glu Ile Ser Val Ile Gln Ser Gly Gly Phe Leu Pro Ser Arg Phe Pro
20 25 30

Trp Gly Pro Pro Pro Leu
35

<210> 2851
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R187L"

<400> 2851
Pro Pro Thr Pro Gln Asp Ile Ser Tyr Leu Ala Lys Gly Lys Val Ala
1 5 10 15

Asn Thr Asn Val Thr Leu Gln Ala Leu Leu Leu Gly Thr Lys Val Ala
20 25 30

Val Asn Gln Arg Ser Ala Asp Ala Leu Pro Ala Pro Val Pro Gly Ala
35 40 45

Asn Ser Ile Pro
50

<210> 2852
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q206H"

<400> 2852
Asp Met Thr Lys Tyr Leu Glu Gly Ser Leu Tyr Pro Ser Thr Gln Gln
1 5 10 15

Tyr Asn Asp Val Val Asn Ala Leu Leu His His Ala His Pro Phe Leu
20 25 30

Asp Glu Asp Gly Cys Gly Phe Phe Leu Trp Lys Arg Ala Leu Lys Asp
35 40 45

Arg Phe Lys Tyr
50

<210> 2853
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R477W"

<400> 2853
Ala Pro Ala Pro Thr Asp Gly Ser Glu Pro Ala Pro Ala Pro Val Ala
1 5 10 15

Asp Gly Asp Ile Pro Ser Gln Phe Thr Trp Trp Val Met Gly Lys Val
20 25 30

Cys Thr Gln Leu Leu Val Ser Arg Pro Asp Glu Glu Asn Ile Thr Ser
35 40 45

Tyr Leu Gln Leu
50

<210> 2854
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P1076fs"

<400> 2854
Ser Arg Asn Leu Val Lys Asn Ala Lys Lys Thr Ile Gly Arg Gln His
1 5 10 15

Val Thr Arg Lys Lys Tyr Asn Pro Pro Ala Gly Ser Thr Gly Ala Ser
20 25 30

Arg Pro Leu Arg Thr Arg Arg Thr Arg Ser Gln Cys Arg Arg Ser Trp
35 40 45

Ser Pro Ala Arg
50

<210> 2855
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.N1139fs"

<400> 2855
Glu Val His Gln Gln Asn Ala Leu Phe Gln Tyr Phe Ala Asp Thr Leu
1 5 10 15

Thr Ala Val Val Gln Asn Ala Lys Lys Lys Trp Lys Ile
20 25

<210> 2856
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.G133W"

<400> 2856
Gly Gly Ala Pro Cys Pro Pro Leu Glu Glu Arg Ala Gly Cys Leu Glu
1   5   10   15

Tyr Ser Thr Pro Gln Gly Gln Asp Cys Trp Trp His Thr Tyr Val Pro
            20   25   30

Ala Phe Ile Thr Thr Ser Ala Phe Asn Lys Glu Arg Thr Arg Gln Ala
        35   40   45

Thr Ser Pro His
    50

<210> 2857
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P208fs"

<400> 2857
Pro Pro Pro Ala Pro Ser Ser Ala Ser Ser Ser Pro Ser Pro Ser Pro
1   5   10   15

Ser Ser Ser Ser Pro Ser Pro Pro Pro Thr Pro Thr Ala Pro Cys Thr
            20   25   30

Pro Ser Pro Thr Cys Pro Pro Ile Arg Tyr Leu
        35   40

<210> 2858
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E926fs"

<400> 2858
Ser Ser Pro Gly Glu Lys Ser Arg Ser Gln Ser Arg Glu Arg Glu Ser

1 5 10 15

Asp Arg Asp Gly Gln Arg Arg Glu Arg Lys Glu Asn Gln Lys Val Val
20 25 30

<210> 2859
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G740C"

<400> 2859
Leu Val Gln Pro Ser Leu Ser Met Thr Pro Glu Thr Val Lys Asp Val
1 5 10 15

Gly Phe Gly Ser Leu Val Ile Pro Gly Cys Cys Ser Val Ala Ser Asn
20 25 30

Leu Ala Thr Ser Ala Leu Pro Ala Gly Asn Val Phe Asn Ala Pro Thr
35 40 45

Lys Gln Ala Glu
50

<210> 2860
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R366Q"

<400> 2860
Ala Glu Lys Thr Gln Phe Thr Val Ser Thr Leu Asp Asp Val Lys Asn
1 5 10 15

Ser Gly Ser Ile Arg Asp Asn Tyr Val Gln Gln Thr Ser Glu Ile Ser
20 25 30

Ala Val His Ile Asp Thr Glu Cys Val Ser Val Met Leu Gln Ala Gly

35 40 45

Thr Pro Pro Leu
50

<210> 2861
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R614Q"

<400> 2861
Ser Val Ser Phe Ala Glu Gly Thr Lys Phe Ala Pro Gln Ser Arg Arg
1 5 10 15

Ser Ser Gly Glu Leu Ser Ser Pro Leu Gln Gln Lys Pro Lys Arg Leu
20 25 30

Ser Arg Gly Ala Gln Ser Gly Pro Glu Gly Arg Glu Ala Glu Glu Ser
35 40 45

Thr Gly Pro Glu
50

<210> 2862
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R545W"

<400> 2862
Thr Asp Trp Asp Ser Ser Ile Asn Leu Thr Phe His Lys Ser Lys Ile
1 5 10 15

Ala Val Asp Glu Leu Phe Thr Ser Leu Trp Trp Asp Ile Ala Gly Ala
20 25 30

Arg Ser Leu Leu Lys Gln Phe Lys Ser Val Tyr Val Pro Gly Asn His

35 40 45

Thr His Gln Ala
50

<210> 2863
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K109fs"

<400> 2863
Met Lys Leu Gln Leu Glu Asn Val Ile Lys Glu Asn Glu Arg Leu His
1 5 10 15

Ser Glu Leu Lys Asp Ala Val Glu Lys Asn Trp Arg Pro Phe Pro Trp
20 25 30

Ala Gln Arg
35

<210> 2864
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R194Q"

<400> 2864
Gly Lys Gln His Leu Arg Ser Leu Pro Val Val Asn Ser Ile Gly Tyr
1 5 10 15

Val Leu Arg Phe Leu Ala Lys Leu Cys Gln Gln Ser Leu Leu Cys Asp
20 25 30

Asp Leu Phe Ser His Gln Pro Phe Pro Arg Gly Cys Ser Ala Ser Glu
35 40 45

Lys Val Gln Glu

50

<210> 2865
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L261F"

<400> 2865
Tyr Leu Val Asn Pro Val Gly Met Asn Arg Tyr Ser Val Asp Thr Ser
1 5 10 15

Ala Ser Thr Phe Asn His Arg Gly Ser Phe Phe His Pro Ser Ser Ser
20 25 30

Leu Tyr Cys Lys Arg Gln Asn Ser Gly Asp Ser His Leu Gly Gly Gly
35 40 45

Pro Ala Ala Thr
50

<210> 2866
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1142H"

<400> 2866
Glu Gly Cys Ile Arg His Cys Pro Cys Cys Lys Leu Asp Thr Thr Lys
1 5 10 15

Ser Pro Trp Asp Val Gly Trp Gln Val His His Lys Thr Cys Tyr Arg
20 25 30

Ile Val Glu His Ser Trp Phe Glu Ser Phe Ile Ile Phe Met Ile Leu
35 40 45

Leu Ser Ser Gly

50

<210> 2867
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T1570M"

<400> 2867
Ile Val Val Val Leu Ser Ile Ala Ser Leu Ile Phe Ser Ala Ile Leu
1 5 10 15

Lys Ser Leu Gln Ser Tyr Phe Ser Pro Met Met Leu Phe Arg Val Ile
20 25 30

Arg Leu Ala Arg Ile Gly Arg Ile Leu Arg Leu Ile Arg Ala Ala Lys
35 40 45

Gly Ile Arg Thr
50

<210> 2868
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R36K"

<400> 2868
Pro Asp Ser Phe Arg Phe Phe Thr Arg Glu Ser Leu Ala Ala Ile Glu
1 5 10 15

Gln Arg Ile Ala Glu Glu Lys Ala Lys Lys Lys Pro Lys Gln Glu Arg
20 25 30

Lys Asp Glu Asp Asp Glu Asn Gly Pro Lys Pro Asn Ser Asp Leu Glu
35 40 45

Ala Gly Lys Ser

50

<210> 2869
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T155K"

<400> 2869
Leu Phe Asn Met Leu Ile Met Cys Thr Ile Leu Thr Asn Cys Val Phe
1 5 10 15

Met Thr Met Ser Asn Pro Pro Asp Trp Lys Lys Lys Asn Val Glu Tyr
20 25 30

Thr Phe Thr Gly Ile Tyr Thr Phe Glu Ser Leu Ile Lys Ile Leu Ala
35 40 45

Arg Gly Phe Cys
50

<210> 2870
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1358H"

<400> 2870
Met Thr Val Gly Ser Tyr Leu Val Pro Pro Ser Leu Val Gln Leu Ile
1 5 10 15

Leu Leu Ser Arg Ile Ile His Met Leu His His Leu Gly Lys Gly Pro
20 25 30

Lys Val Phe His Asn Leu Met Leu Pro Leu Met Leu Ser Leu Pro Ala
35 40 45

Leu Leu Asn Ile

50

<210> 2871
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R564H"

<400> 2871
Met Ser Cys Ser Val Val Cys Val Ile Glu Ile Ile Glu Val Phe Phe
1 5 10 15

Ile Asp Phe Phe Ser Ile Ile Ala Arg His His Gln Trp Gln Lys Ala
20 25 30

Lys Glu Trp Trp Ala Trp Lys Gln Ala Pro Pro Cys Pro Glu Ala Pro
35 40 45

Arg Ser Pro Gln
50

<210> 2872
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G332V"

<400> 2872
Ser Leu Gly Lys Leu Thr Lys Leu Thr Asn Leu Asn Val Asp Arg Asn
1 5 10 15

His Leu Glu Ala Leu Pro Pro Glu Ile Val Val Gly Cys Val Ala Leu
20 25 30

Ser Val Leu Ser Leu Arg Asp Asn Arg Leu Ala Val Leu Pro Pro Glu
35 40 45

Leu Ala His Thr

50

<210> 2873
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S133A"

<400> 2873
Val Ser Glu Gly Tyr Ala Ala Asp Ala Phe Phe Ile Thr Asp Gly Arg
1 5 10 15

Ser Arg Arg Lys Ala Ser Asn Ala Gly Ala Ala Ala Ala Ala Pro Ser
20 25 30

Thr Ala Ser Ala Ala Ala Pro Asp Gly Asp Ala Gly Gly Gly Gly Gly
35 40 45

Ala Gly Gly Arg
50

<210> 2874
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V342M"

<400> 2874
Asp Gly Lys Thr Cys Lys Asp Ile Asp Glu Cys Gln Thr Arg Asn Gly
1 5 10 15

Gly Cys Asp His Phe Cys Lys Asn Ile Met Met Gly Ser Phe Asp Cys
20 25 30

Gly Cys Lys Lys Gly Phe Lys Leu Leu Thr Asp Glu Lys Ser Cys Gln
35 40 45

Asp Val Asp Glu

50

<210> 2875
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K275fs"

<400> 2875
Tyr Ala Thr Gly Lys Lys Ser Ser Lys Asn Lys Lys Lys Leu Glu Lys
1 5 10 15

Ala Met Lys Val Leu Lys Lys Gln Lys Arg Arg Lys Asn Gln Arg Cys
20 25 30

Leu Thr Phe Gln Pro Phe Thr
35

<210> 2876
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H66Y"

<400> 2876
Asp Tyr Lys Val Arg Ile Asp Glu Tyr Asp His Ser Lys Pro Ile Gln
1 5 10 15

Gly Gln Gln Lys Lys Pro Phe Glu Glu Tyr Tyr Trp Arg Lys His Thr
20 25 30

Leu Ser Tyr Val Asp Val Ser Thr Gly Lys Val Thr Val Glu Tyr Arg
35 40 45

Pro Ile Ile Asp
50

<210> 2877

<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S37fs"

<400> 2877
Val Gly Arg Pro Pro Val Pro Leu His Met Val Ser Thr Ala Ser Gly
1 5 10 15

Gln Thr Arg Cys Trp Thr Trp Leu Ser Leu Val Arg His Val Pro
20 25 30

<210> 2878
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R31C"

<400> 2878
Leu Cys Pro Ala Cys Thr Pro Val Gly Arg Pro Pro Val Pro Leu His
1 5 10 15

Met Val Ser Thr Ala Ser Gly Gln Thr Cys Cys Cys Trp Thr Trp Leu
20 25 30

Ser Gly Gln Ala Cys Ala Leu Ser Ile Ala Glu Ser Cys Arg Pro Gly
35 40 45

Asp Lys Val Pro
50

<210> 2879
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A66T"

<400> 2879
Ala Ala Cys Ala Ser Val His Gly Ala Asn Arg Leu Gly Ala Asn Ser
1   5   10   15

Leu Leu Asp Leu Val Val Phe Gly Gln Thr Thr Cys Ala Leu Ser Ile
            20   25   30

Glu Glu Ser Cys Arg Pro Gly Asp Lys Val Pro Pro Ile Lys Pro Asn
        35   40   45

Ala Gly Glu Glu
    50

<210> 2880
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K508fs"

<400> 2880
Arg Pro Val Asp Thr Thr Val Thr Asp Gly Met Thr Ala Ile Leu Arg
1   5   10   15

Cys Glu Val Ser Gly Ala Pro Lys Pro Arg His His Leu Glu Lys Arg
            20   25   30

Lys Pro His Ser Gly Gln Trp Leu Cys Pro Asp Ser
        35   40

<210> 2881
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.T1181M"

<400> 2881
Pro Ser Pro Tyr Ser Pro Ser Ser Arg Val Ile Gln Thr Leu Gln Ala
1   5   10   15

Pro Pro Asp Val Ala Pro Thr Ser Val Met Met Val Arg Thr Ala Ser
            20   25   30

Glu Thr Ser Leu Arg Leu Arg Trp Val Pro Leu Pro Asp Ser Gln Tyr
        35   40   45

Asn Gly Asn Pro
    50

<210> 2882
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Y2146C"

<400> 2882
Ala Asp Ala Ser Glu Ser Glu Ala Thr Asp Ser Asp Tyr Glu Asp Ala
1   5   10   15

Leu Pro Lys His Ser Phe Val Asn His Cys Cys Met Ser Asp Pro Thr
            20   25   30

Tyr Tyr Asn Ser Trp Lys Arg Arg Ala Gln Gly Arg Ala Pro Ala Pro
        35   40   45

His Arg Tyr Glu
    50

<210> 2883
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source

<223> /note="p.A50fs"

<400> 2883
Tyr Gly His Tyr Gly Asp Pro Ser His Thr Ala Ser Pro Thr Gly Met
1   5   10   15

Met Lys Pro Ala Gly Pro Leu Gly Ala His Arg His
            20   25

<210> 2884
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P905S"

<400> 2884
Gly Val Arg Pro Ala Ser Ser Gln Pro Gln Leu Leu Gly Gly Gln Arg
1   5   10   15

Val Gln Val Pro Asn Pro Val Gly Phe Ser Ser Gly Thr Trp Pro Leu
            20   25   30

Pro Gly Ser Pro Leu Pro Met Ala Cys Pro Gly Ile Met Arg Pro Gly
        35   40   45

Ser Thr Ser Leu
    50

<210> 2885
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G126V"

<400> 2885
Glu Val Gly Asp Thr Pro Lys Asp Arg Ala Leu Phe Asn Gly Ala Gln
1   5   10   15

Lys Leu Phe Gly Met Ile Ile Thr Ile Val Val Gln Ala Ile Val Tyr

20 25 30

Val Met Thr Gly Met Tyr Gly Asp Pro Ala Glu Met Gly Ala Gly Ile
35 40 45

Cys Leu Leu Ile
50

<210> 2886
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D608E"

<400> 2886
Gly Met Asp Glu Leu Ile Ser Thr Pro Ser Val Glu Asp Lys Ser Glu
1 5 10 15

Glu Pro Pro Gly Thr Glu Leu Gln Arg Glu Glu Thr Glu Ala Ser His
20 25 30

Leu Ala Pro Asn His Thr Thr Phe Pro Lys Ile His Ser Arg Arg Phe
35 40 45

Arg Asp Tyr Cys
50

<210> 2887
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R429W"

<400> 2887
Arg Ala Phe Gln Tyr Asp Thr Asn Cys Ser Phe Arg Cys Ala Glu Gly
1 5 10 15

Phe Met Leu Arg Gly Ala Asp Ile Val Trp Trp Cys Asp Asn Leu Gly

```
            20                  25                  30

Gln Trp Thr Ala Pro Ala Pro Val Cys Gln Ala Leu Gln Cys Gln Asp
        35                  40                  45

Leu Pro Val Pro
    50
```

<210> 2888
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A297T"

<400> 2888

```
Asn Met Thr Cys Leu His Ser Ala Lys Ala Phe Gln His Gln Ser Ser
1               5                   10                  15

Cys Ser Phe Ser Cys Glu Glu Gly Phe Thr Thr Leu Val Gly Pro Glu
            20                  25                  30

Val Val Gln Cys Thr Ala Ser Gly Val Trp Thr Ala Pro Ala Pro Val
        35                  40                  45

Cys Lys Ala Val
    50
```

<210> 2889
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D81N"

<400> 2889

```
Ser Tyr His Thr Phe Leu Leu Asp Glu Glu Arg Ser Arg Leu Tyr Val
1               5                   10                  15

Gly Ala Lys Asp His Ile Phe Ser Phe Asn Asn Leu Val Asn Ile Lys
```

20 25 30

Asp Phe Gln Lys Ile Val Trp Pro Val Ser Tyr Thr Arg Arg Asp Glu
35 40 45

Cys Lys Trp Ala
50

<210> 2890
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R252Q"

<400> 2890
Glu Asp Asp Arg Val Tyr Phe Phe Phe Thr Glu Val Ser Val Glu Tyr
1 5 10 15

Glu Phe Val Phe Arg Val Leu Ile Pro Gln Gln Ile Ala Arg Val Cys
20 25 30

Lys Gly Asp Gln Gly Gly Leu Arg Thr Leu Gln Lys Lys Trp Thr Ser
35 40 45

Phe Leu Lys Ala
50

<210> 2891
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R292C"

<400> 2891
Gln His Gln Thr Lys Asn Leu Ser Gln Asp Gln Glu His Gly Arg Lys
1 5 10 15

Ala His Lys Ile Ser Tyr Pro Ser Ser Cys Cys Thr Glu Glu Arg Gln

20 25 30

Leu His His Gly Glu Lys Ser Val Gln Lys Asp Val Ser Lys Gly Ser
35 40 45

Ile Ser Ile Gln
50

<210> 2892
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S673Y"

<400> 2892
Glu Leu Glu Leu Ser Tyr Pro Leu Ser Trp Val Gln Ala Phe Pro Leu
1 5 10 15

Phe Gln Asn Leu Ser Ser Lys Glu Ser Tyr Tyr Phe Ile His Tyr Tyr
20 25 30

Cys Val Ser Thr Cys Ser Phe Pro Ala Gly Val Ala Val Ala Glu Glu
35 40 45

Met Lys Leu Lys
50

<210> 2893
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R371Q"

<400> 2893
Gly Glu Gly His Gln Ala Trp Ile Ile Gly Ile Val Glu Lys Gly Asn
1 5 10 15

Arg Thr Ala Arg Ile Ile Asp Lys Pro Gln Gln Ile Ile Glu Val Ala

20 25 30

Pro Gln Val Ala Thr Gln Asn Val Asn Pro Thr Pro Gly Ala Thr Ser
35 40 45

<210> 2894
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E13K"

<400> 2894
Met Ser Thr Arg Glu Ser Phe Asn Pro Glu Ser Tyr Lys Lys Leu Asp
1 5 10 15

Lys Ser Phe Arg Leu Thr Arg Phe Thr Glu Leu Lys Gly Thr Gly Cys
20 25 30

Lys Val Pro Gln Asp Val Leu
35

<210> 2895
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R211G"

<400> 2895
His Gly Lys Ile Asn Asn Leu Ile Glu Asn Ile Asp Pro Gly Thr Val
1 5 10 15

Met Leu Leu Ala Asn Tyr Ile Phe Phe Gly Gly Ala Arg Trp Lys His
20 25 30

Glu Phe Asp Pro Asn Val Thr Lys Glu Glu Asp Phe Phe Leu Glu Lys
35 40 45

Asn Ser Ser Val

50

<210> 2896
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D253Y"

<400> 2896
Phe Phe Leu Glu Lys Asn Ser Ser Val Lys Val Pro Met Met Phe Arg
1 5 10 15

Ser Gly Ile Tyr Gln Val Gly Tyr Asp Tyr Tyr Lys Leu Ser Cys Thr
20 25 30

Ile Leu Glu Ile Pro Tyr Gln Lys Asn Ile Thr Ala Ile Phe Ile Leu
35 40 45

Pro Asp Glu Gly
50

<210> 2897
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K158N"

<400> 2897
Leu Gln Leu Ser Met Gly Asn Ala Met Phe Val Lys Glu Gln Leu Ser
1 5 10 15

Leu Leu Asp Arg Phe Thr Glu Asp Ala Asn Asn Arg Leu Tyr Gly Ser
20 25 30

Glu Ala Phe Ala Thr Asp Phe Gln Asp Ser Ala Ala Ala Lys Lys Leu
35 40 45

Ile Asn Asp Tyr

50

<210> 2898
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R98C"

<400> 2898
His Gln Gln Ile Leu Glu Thr Gly Glu Gly Ser Pro Ser Leu Lys Ile
1 5 10 15

Ala Pro Ala Asn Ala Asp Phe Ala Phe Cys Cys Phe Tyr Tyr Leu Ile
20 25 30

Ala Ser Glu Thr Pro Gly Lys Asn Ile Phe Phe Ser Pro Leu Ser Ile
35 40 45

Ser Ala Ala Tyr
50

<210> 2899
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M414I"

<400> 2899
Thr Thr Lys Phe Ile Val Arg Ser Lys Asp Gly Pro Ser Tyr Phe Thr
1 5 10 15

Val Ser Phe Asn Arg Thr Phe Leu Met Ile Ile Ile Thr Asn Lys Ala
20 25 30

Thr Asp Gly Ile Leu Phe Leu Gly Lys Val Glu Asn Pro Thr Lys Ser
35 40 45

<210> 2900

<211> 63
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q168fs"

<400> 2900
Pro Ile Cys Gln Glu Tyr Leu Asp Gly Val Ile Gln Phe Tyr His Thr
1 5 10 15

Thr Ile Glu Ser Val Asp Phe Gln Lys Thr Leu Lys Asn Pro Asp Lys
20 25 30

Arg Leu Thr Ser Gly Leu Asn Val Asn Pro Lys Val Lys Ser Arg Asn
35 40 45

Ser Ser Ala Arg Thr Leu Leu Met Leu Arg Leu Cys Trp Tyr Trp
50 55 60

<210> 2901
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S209C"

<400> 2901
Gly Gln Trp Glu Asn Lys Phe Lys Lys Glu Asn Thr Lys Glu Glu Lys
1 5 10 15

Phe Trp Pro Asn Lys Asn Thr Tyr Lys Cys Cys Val Gln Met Met Arg
20 25 30

Gln Tyr Asn Ser Phe Asn Phe Ala Leu Leu Glu Asp Val Gln Ala Lys
35 40 45

Val Leu Glu Ile
50

<210> 2902

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R45L"

<400> 2902
Ser Leu Leu Leu Ile Gly Phe Trp Asp Cys Val Thr Cys His Gly Ser
1 5 10 15

Pro Val Asp Ile Cys Thr Ala Lys Pro Leu Leu Asp Ile Pro Met Asn
20 25 30

Pro Met Cys Ile Tyr Arg Ser Pro Glu Lys Lys Ala Thr Glu Asp Glu
35 40 45

Gly Ser Glu Gln
50

<210> 2903
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L81fs"

<400> 2903
Gly Met Met Glu Leu Gly Ala Gln Gly Ser Thr Gln Lys Glu Ile Arg
1 5 10 15

His Ser Met Gly Tyr Asp Ser Leu Lys Met Val Lys Asn Phe Leu Ser
20 25 30

<210> 2904
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I306M"

<400> 2904
Val Met Gln Val Val Asn Trp Leu Glu Gly Pro Gly Ser Glu Gln Leu
1   5   10   15

Arg Ala Gln Trp Gly Ile Gly Asp Ser Met Met Arg Ala Ser Gln Ala
            20   25   30

Leu Gln Gln Lys His Glu Glu Ile Glu Ser Gln His Ser Glu Trp Phe
        35   40   45

Ala Val Tyr Val
    50

<210> 2905
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R715fs"

<400> 2905
Tyr Gly Tyr Glu Ala Gly Thr Val Pro Glu Lys Glu Ile Phe Cys Gln
1   5   10   15

Cys Gly Val Asn Lys Cys Arg Lys Lys Tyr Tyr Lys Tyr Val Thr Asn
            20   25   30

Ala Cys Leu
        35

<210> 2906
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S207L"

<400> 2906
Val Pro Leu Trp Leu Asp Arg Lys Glu Ser Ala Val Pro Thr Thr Pro
1   5   10   15

Ala Pro Leu Gln Ile Ser Pro Phe Thr Leu Leu Gln Pro Tyr Val Ala
            20   25   30

His Thr Leu Pro Gln Arg Pro Glu Pro Gly Glu Pro Gly Pro Asp Met
        35   40   45

Ala Gln Glu Ala
    50

<210> 2907
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R74P"

<400> 2907
Glu Ala Leu Ala Glu Leu Leu His Gly Ala Leu Leu Arg Arg Gly Pro
1   5   10   15

Glu Met Gly Tyr Leu Pro Gly Ser Asp Pro Pro Asp Pro Thr Leu Ala
            20   25   30

Thr Pro Pro Ala Gly Gln Thr Leu Ala Val Pro Ser Leu Pro Arg Ala
        35   40   45

Thr Glu Pro Gly
    50

<210> 2908
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R255W"

<400> 2908
Ile Glu Thr Pro Glu Asp Gln Asn Asp Leu Arg Lys Met Gln Leu Arg
1   5   10   15

Glu Leu Ala Arg Leu Asn Gly Thr Leu Trp Trp Glu Asp Asp Asn Arg
            20   25   30

Ile Leu Arg Pro Trp Gln Ser Ser Glu Thr Arg Ser Ile Thr Asn Thr
        35   40   45

Thr Val Cys Thr
    50

<210> 2909
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Y623C"

<400> 2909
Ser Asn Leu Ala Lys Ala Ala Gly Leu Ala Thr Met Ile Ser Thr Met
1   5   10   15

Arg Pro Asp Ile Asp Asn Met Asp Glu Cys Cys Val Arg Asn Thr Thr
            20   25   30

Ala Arg Ala Phe Ala Val Val Ala Ser Ala Leu Gly Ile Pro Ser Leu
        35   40   45

Leu Pro Phe Leu
    50

<210> 2910
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.N626Y"

<400> 2910
Ala Lys Ala Ala Gly Leu Ala Thr Met Ile Ser Thr Met Arg Pro Asp
1   5   10   15

Ile Asp Asn Met Asp Glu Tyr Val Arg Tyr Tyr Thr Thr Ala Arg Ala
            20   25   30

Phe Ala Val Val Ala Ser Ala Leu Gly Ile Pro Ser Leu Leu Pro Phe
        35   40   45

Leu Lys Ala Val
    50

<210> 2911
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K666E"

<400> 2911
Ile Pro Ser Leu Leu Pro Phe Leu Lys Ala Val Cys Lys Ser Lys Lys
1   5   10   15

Ser Trp Gln Ala Arg His Thr Gly Ile Glu Glu Ile Val Gln Gln Ile
            20   25   30

Ala Ile Leu Met Gly Cys Ala Ile Leu Pro His Leu Arg Ser Leu Val
        35   40   45

Glu Ile Ile Glu
    50

<210> 2912
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K700E"

<400> 2912
Met Gly Cys Ala Ile Leu Pro His Leu Arg Ser Leu Val Glu Ile Ile
1   5   10   15

Glu His Gly Leu Val Asp Glu Gln Gln Glu Glu Val Arg Thr Ile Ser
            20   25   30

Ala Leu Ala Ile Ala Ala Leu Ala Glu Ala Ala Thr Pro Tyr Gly Ile
        35   40   45

Glu Ser Phe Asp
    50

<210> 2913
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E902K"

<400> 2913
Gly Asn Leu Gly Ala Ala Asp Ile Asp His Lys Leu Glu Glu Gln Leu
1   5   10   15

Ile Asp Gly Ile Leu Tyr Ala Phe Gln Lys Lys Gln Thr Thr Glu Asp
            20   25   30

Ser Val Met Leu Asn Gly Phe Gly Thr Val Val Asn Ala Leu Gly Lys
        35   40   45

Arg Val Lys Pro
    50

<210> 2914
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R957Q"

<400> 2914
Ile Cys Gly Thr Val Leu Trp Arg Leu Asn Asn Lys Ser Ala Lys Val
1   5   10   15

Arg Gln Gln Ala Ala Asp Leu Ile Ser Gln Gln Thr Ala Val Val Met
            20   25   30

Lys Thr Cys Gln Glu Glu Lys Leu Met Gly His Leu Gly Val Val Leu
        35   40   45

Tyr Glu Tyr Leu
    50

<210> 2915
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R821Q"

<400> 2915
Thr His His Leu Gln Cys Val Arg Lys Arg Leu Leu His Arg Gln Ser
1   5   10   15

Thr Gln Leu Leu Ala Gln Arg Leu Ser Gln Gln Thr Cys Phe Arg Gln
            20   25   30

Trp Arg Gln Gln Leu Ala Ala Arg Arg Gln Glu Gln Arg Ala Thr Val
        35   40   45

Arg Ala Leu Trp
    50

<210> 2916
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R611Q"

<400> 2916
Glu Glu Gln Met Arg Arg Gln Arg Glu Glu Ser Tyr Ser Arg Met Gly
1   5   10   15

Tyr Met Asp Pro Arg Glu Arg Asp Met Gln Gln Met Gly Gly Gly Gly
            20   25   30

Ala Met Asn Met Gly Asp Pro Tyr Gly Ser Gly Gly Gln Lys Phe Pro
        35   40   45

Pro Leu Gly Gly
    50

<210> 2917
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R232Q"

<400> 2917
Gln Arg Ser Gly Cys Asn Glu Val Thr Thr Val Val Asp Val Lys Glu
1   5   10   15

Ile Phe Lys Ser Ser Ser Pro Ile Pro Gln Gln Thr Gln Val Pro Leu
            20   25   30

Ile Thr Asn Ser Ser Cys Gln Cys Pro His Ile Leu Pro His Gln Asp
        35   40   45

Val Leu Ile Met
    50

<210> 2918
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S617Y"

<400> 2918
Pro Leu Glu Lys Asn Arg Val Lys Leu Asp Asp Asp Ser Asp Asp Asp
1   5   10   15

Glu Glu Ser Lys Glu Gly Gln Glu Ser Tyr Tyr Ser Ser Ala Ala Asn
            20   25   30

Thr Asn Pro Ala Val Ala Pro Pro Cys Val Val Val Glu Glu Lys Lys
        35   40   45

Pro Gln Leu Thr
    50

<210> 2919
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A220V"

<400> 2919
Glu Ser Pro Thr Arg Ser Leu Ser Met Asp Ala Pro Arg Gly Val His
1   5   10   15

Ile Gln Ala His Ala Gly Lys Ile Glu Val Val Leu Ser Gln Met Asp
            20   25   30

Ile Leu Phe His Ser Ser Asp Gly Met Leu Val Leu Asp Ala Glu Thr
        35   40   45

Val Cys Leu Pro
    50

<210> 2920
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.I41M"

<400> 2920
Arg Glu Gln Tyr Ile Leu Ala Thr Gln Gln Asn Asn Leu Pro Arg Thr
1   5   10   15

Glu Asn Ala Gln Leu Tyr Pro Val Gly Met Met Tyr Gly Trp Arg Lys
            20   25   30

Arg Cys Leu Tyr Phe Phe Val Leu Leu Leu Leu Val Thr Met Ile Val
        35   40   45

Asn Leu Ala Met
    50

<210> 2921
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R502L"

<400> 2921
Gly Val Gly Asp Val Ser Arg Pro Phe Ser Pro Pro Ile His Ser Ser
1   5   10   15

Ser Pro Pro Pro Ile Ala Pro Leu Ala Leu Leu Ala Glu Ser Thr Ser
            20   25   30

Ser Ile Ser Ser Thr Asn Ser Leu Ser Ala Ala Thr Thr Pro Thr Val
        35   40   45

Glu Asn Glu Gln
    50

<210> 2922
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K367del"

<400> 2922
Ala Lys Asp Asp Phe Met Glu Ile Lys Ser His Val Phe Phe Ser Leu
1   5   10   15

Ile Asn Trp Asp Asp Leu Ile Asn Lys Ile Thr Pro Pro Phe Asn Pro
            20   25   30

Asn Val Ser Gly Pro Asn Asp Leu Arg His Phe Asp Pro Glu Phe Thr
        35   40   45

Glu Glu Pro Val Pro
    50

<210> 2923
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.L61fs"

<400> 2923
Ser Glu Trp Phe Val Phe Arg Arg Tyr Ala Glu Phe Asp Lys Leu Tyr
1   5   10   15

Asn Thr Leu Lys Lys Gln Phe Pro Ala Trp Pro
            20   25

<210> 2924
<211> 76
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E407fs"

<400> 2924
Lys Lys Ser Asn Lys Lys Thr Asn Glu His Gly Met Lys Thr Phe Arg
1   5   10   15

Lys Val Lys Asp Ser Ser Ser Glu Lys Arg Glu Lys Asp Gln Arg Asp

20 25 30

Ser Leu Lys Ile Val Gln Met Ser Ile Leu Gly Lys Arg Leu Lys Thr
35 40 45

Gly Gln Lys Asp Leu Met Ser Trp Met Ala Lys Gly Val Gln Lys Ile
50 55 60

Pro Val Leu Phe Ser Ile Met Asn Ser Trp Leu Arg
65 70 75

<210> 2925
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E818K"

<400> 2925
Val Leu Asp Ala Gln Arg Asn Thr Pro Thr Val Leu Arg Pro Arg Asp
1 5 10 15

Gly Ser Val Asp Asp Arg Gln Ser Ser Lys Lys Ala Thr Thr Ser Gln
20 25 30

Asp Glu Ala Pro Arg Glu Glu Leu Ala Val Gln Asp Ser Leu Glu Ser
35 40 45

Asp Leu Leu Ala
50

<210> 2926
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F1117L"

<400> 2926
Ile Ala Leu Ala Leu Val Glu Val Tyr Arg Asp Ile Ile Leu Glu Asn

1 5 10 15

Asn Met Asp Phe Thr Asp Ile Ile Lys Leu Leu Phe Asn Glu Met Ala
20 25 30

Glu Arg His Asn Thr Lys Gln Val Leu Lys Leu Ala Arg Asp Leu Val
35 40 45

Tyr Lys Val Gln
50

<210> 2927
<211> 96
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P563fs"

<400> 2927
Ile Ser Gln Val Ser Asp Asn Lys Ala Ser Leu Pro Pro Lys Pro Gly
1 5 10 15

Thr Met Ala Ala Gly Gly Gly Gly Pro Ser Pro Ser Val Leu Ser Gly
20 25 30

Ala Leu Pro Pro Val Ile Leu Phe Gly Asn Ser Trp Thr Gln Ser Gln
35 40 45

Leu Pro Val Ser Val Arg His Gly Arg Lys Thr Lys Asp Gly Ala Cys
50 55 60

Gly Gln Gln Pro Gly Gly Arg Gly Gly Ala Lys Asp Thr Gly Pro Arg
65 70 75 80

Ala Glu Glu His His Arg Asp His Glu Gly Pro Ala Glu Thr Arg Asp
85 90 95

<210> 2928
<211> 63
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L574fs"

<400> 2928
Leu Pro Pro Lys Pro Gly Thr Met Ala Ala Gly Gly Gly Gly Pro Ala
1   5   10   15

Pro Leu Ser Ser Ala Ala Pro Ser Pro Cys His Pro Leu Trp Glu Gln
            20   25   30

Leu Asp Thr Glu Pro Thr Pro Arg Leu Cys Ser Ala Arg Lys Glu Asn
        35   40   45

Gln Arg Trp Ser Leu Arg Pro Ala Ala Arg Arg Pro Trp Arg Ser
    50   55   60

<210> 2929
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S759L"

<400> 2929
Ser Ser Asp Leu Ile Thr Leu Pro Ala Thr Thr Pro Pro Cys Pro Thr
1   5   10   15

Lys Lys Glu Trp Glu Gly Pro Ala Thr Leu Leu Tyr Met Thr Cys Ser
            20   25   30

Ala Tyr Gln Lys Val Gln Asp Ser Glu Ile Ser Phe Pro Ala Gly Val
        35   40   45

Glu Val Gln Val
    50

<210> 2930
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R318C"

<400> 2930
Arg Lys Val Pro Gly Gln Phe Ser Ile Thr Thr Ala Leu Asn Thr Leu
1   5   10   15

Asn Arg Met Val His Ser Pro Ser Gly Cys Cys His Met Val Glu Ile
            20   25   30

Ser Thr Pro Val Leu Ile Ser Ser Ser Asn Pro Ser Val Ile Thr Gln
        35   40   45

Pro Met Glu Lys
    50

<210> 2931
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R89C"

<400> 2931
Arg Cys Val Asn Gly Pro Leu Gln Glu Ala Ala Arg Arg Arg Leu Trp
1   5   10   15

Ala Leu Glu Asn Glu Asp Gln Glu Val Cys Cys Met Leu Phe Lys Asp
            20   25   30

Leu Ser Ala Arg Leu Val Ser Ile Gln Ser Gln Arg Ala Gln Phe Leu
        35   40   45

Ile Thr Phe Lys
    50

<210> 2932
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A460T"

<400> 2932
Arg Asn Ser Gln Thr Ser Lys His Asp Tyr Ser Leu Ser Leu Arg Ser
1   5   10   15

Asn Gln Gly Phe Met His Met Lys Leu Thr Thr Lys Thr Lys Glu Lys
            20   25   30

Tyr Val Leu Gly Gln Asn Ser Pro Pro Phe Asp Ser Val Pro Glu Val
        35   40   45

Ile His Tyr Tyr
    50

<210> 2933
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.1156_1157EE>E"

<400> 2933
Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu
1   5   10   15

Glu Glu Glu Ala Glu Glu Glu Glu Glu Glu Leu Pro Pro Gln Tyr Phe
            20   25   30

Ser Ser Glu Thr Ser Gly Ser Cys Ala Leu Asn Pro Glu Glu Val Leu
        35   40   45

Glu Gln Pro Gln Pro Leu
    50

<210> 2934
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V1217F"

<400> 2934
Leu Asp Phe Tyr Met Phe Leu Gly Pro Thr Pro Glu Val Ala Thr Lys
1   5   10   15

Gln Tyr His Glu Val Ile Gly His Pro Phe Phe Met Pro Ala Tyr Trp
            20   25   30

Ala Leu Gly Phe Gln Leu Cys Arg Tyr Gly Tyr Ala Asn Thr Ser Glu
        35   40   45

Val Arg Glu Leu
    50

<210> 2935
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I1681K"

<400> 2935
Trp Phe Asp Tyr His Thr Gly Lys Asp Ile Gly Val Arg Gly Gln Phe
1   5   10   15

Gln Thr Phe Asn Ala Ser Tyr Asp Thr Lys Lys Asn Leu His Val Arg
            20   25   30

Gly Gly His Ile Leu Pro Cys Gln Glu Pro Ala Gln Asn Thr Phe Tyr
        35   40   45

Ser Arg Gln Lys
    50

<210> 2936
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P318fs"

<400> 2936
Gln Ala Ala Trp Ser Asp Ala Gly Val Tyr Thr Cys Gln Ala Glu Asn
1   5   10   15

Gly Val Gly Ser Leu Val Ser Pro Pro Ser Ala Ser Thr Ser Ser Trp
            20   25   30

Leu Arg Ser Arg
        35

<210> 2937
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T250M"

<400> 2937
Ser Ala Gln Arg Thr Val Arg Leu Arg Val Ala Tyr Ala Pro Arg Asp
1   5   10   15

Leu Val Ile Ser Ile Ser Arg Asp Asn Met Met Pro Ala Leu Glu Pro
            20   25   30

Gln Pro Gln Gly Asn Val Pro Tyr Leu Glu Ala Gln Lys Gly Gln Phe
        35   40   45

Leu Arg Leu Leu
    50

<210> 2938
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.S363F"

<400> 2938
Asn Arg Leu Gly Ser Gln Gln Gln Ala Leu Asp Leu Ser Val Gln Tyr
1   5   10   15

Pro Pro Glu Asn Leu Arg Val Met Val Phe Phe Gln Ala Asn Arg Thr
            20   25   30

Val Leu Glu Asn Leu Gly Asn Gly Thr Ser Leu Pro Val Leu Glu Gly
        35   40   45

Gln Ser Leu Arg
    50

<210> 2939
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q678fs"

<400> 2939
Glu Val Leu Glu Gln Gln Arg Leu Leu Gln Leu Gln His His Pro Ala
1   5   10   15

Ala Ala Pro Gly Cys Ser Gln Ala Pro Ser Arg Pro Leu Pro Arg Leu
            20   25   30

<210> 2940
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V213M"

<400> 2940
Tyr Leu Lys Ile Arg Gln Tyr Ser Leu Asp Met Ser Pro Phe Asp Gly
1   5   10   15

Cys Tyr Gln Asn Val Gly Leu Val Ala Met Met Gly His Ser Leu Pro

20 25 30

Pro Ser Ala Val Thr Glu Ile Lys Leu His Ser Asn Met Phe Met Phe
35 40 45

Arg Ala Ser Leu
50

<210> 2941
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1063Q"

<400> 2941
Ser Glu Thr Tyr Arg Met Pro Val Met Glu Tyr Lys Met Asn Glu Gly
1 5 10 15

Val Ser Tyr Glu Phe Lys Phe Pro Phe Gln Gln Asn Asn Asn Lys Trp
20 25 30

Gln Arg Asn Ala Ser Lys Gly Pro His Ser Pro Gln Val Pro Ser Gln
35 40 45

Val Gln Ser Pro
50

<210> 2942
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S1227Y"

<400> 2942
Pro Ser Trp Gln Arg Ser Glu Asp Ser Ile Ala Asp Gln Met Ala Tyr
1 5 10 15

Ser Tyr Arg Gly Pro Gln Asp Phe Asn Tyr Tyr Phe Val Leu Glu Gln

20 25 30

His Glu Tyr Thr Glu Pro Thr Cys His Leu Pro Ala Val Ser Lys Val
35 40 45

Leu Pro Ala Phe
50

<210> 2943
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G777A"

<400> 2943
Arg Val His Asn Pro Cys Thr Asp Asn Val Cys Tyr Ser Met Ala Val
1 5 10 15

Thr Arg Ser Lys Asp Ala Pro Pro Phe Ala Ala Pro Pro Ile Pro Ser
20 25 30

Gly Thr Thr Phe Arg Lys Ser Asp Val Phe Arg Asp Phe Leu Leu Ala
35 40 45

Lys Val Ile Asn
50

<210> 2944
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D131del"

<400> 2944
Ile Arg Ile Gly Asn Ile Thr Pro Ala Asp Ala Gly Thr Tyr Tyr Cys
1 5 10 15

Val Lys Phe Arg Lys Gly Ser Pro Asp Val Glu Phe Lys Ser Gly Ala

```
            20                  25                  30

Gly Thr Glu Leu Ser Val Arg Ala Lys Pro Ser Ala Pro Val Val Ser
        35                  40                  45


Gly Pro Ala Ala Arg
    50


<210> 2945
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.V233I"

<400> 2945
Ser Ile His Ser Thr Ala Lys Val Val Leu Thr Arg Glu Asp Val His
1               5                   10                  15


Ser Gln Val Ile Cys Glu Val Ala His Ile Ile Thr Leu Gln Gly Asp
            20                  25                  30


Pro Leu Arg Gly Thr Ala Asn Leu Ser Glu Thr Ile Arg Val Pro Pro
        35                  40                  45


Thr Leu Glu Val
    50


<210> 2946
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.E191K"

<400> 2946
Thr Gln Val Ser Asn Trp Phe Lys Asn Arg Arg Gln Arg Asp Arg Ala
1               5                   10                  15


Ala Glu Ala Lys Glu Arg Glu Asn Thr Lys Lys Asn Asn Asn Ser Ser
```

20 25 30

Ser Asn Lys Gln Asn Gln Leu Ser Pro Leu Glu Gly Gly Lys Pro Leu
35 40 45

Met Ser Ser Ser
50

<210> 2947
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I27L"

<400> 2947
Val Phe Arg Ser Pro Leu Asp Leu Tyr Ser Ser His Phe Leu Leu Pro
1 5 10 15

Asn Phe Ala Asp Ser His His Arg Ser Leu Leu Leu Leu Ala Ser Ser
20 25 30

Gly Gly Gly Asn Gly Ala Gly Gly Gly Gly Gly Ala Gly Gly Gly Ser
35 40 45

Gly Gly Gly Asn
50

<210> 2948
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A62G"

<400> 2948
Ala Phe Ser Ala Arg Trp Ala Gln Glu Ala Tyr Lys Lys Glu Ser Ala
1 5 10 15

Lys Glu Ala Gly Ala Ala Ala Val Pro Gly Gly Pro Val Pro Ala Ala

20 25 30

Thr Glu Pro Pro Pro Val Leu His Leu Pro Ala Ile Gln Pro Pro Pro
35 40 45

Pro Val Leu Pro
50

<210> 2949
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y883C"

<400> 2949
Glu Glu Met Val Gln Gln Leu Gln Ile Val Arg Asp Thr Leu Cys Asn
1 5 10 15

Glu Leu Asp Gln Glu Arg Lys Ala Arg Cys Cys Ala Ile Gln Gln Lys
20 25 30

Leu Lys Glu Ala His Asp Ala Leu His His Phe Ser Cys Lys Met Leu
35 40 45

Thr Pro Arg His
50

<210> 2950
<211> 78
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S277fs"

<400> 2950
Leu Ile Met Val Val Ile Leu Gln Leu Arg Arg Arg Gly Lys Thr Asn
1 5 10 15

His Tyr Gln Thr Thr Val Glu Lys Lys Ala Leu Arg Ser Met Pro Lys

20 25 30

Ser Arg Asn Gln Val Leu Phe Arg Arg Asn Leu Thr Pro Ser Gln Leu
35 40 45

Arg Thr Leu Ala Pro Pro Tyr Met Leu Leu Pro Gln Ser Leu Ser Gln
50 55 60

Ser Leu Ser Arg Lys Gln Ile Pro Ser Gln Ser Met Leu Val
65 70 75

<210> 2951
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F281L"

<400> 2951
Tyr Lys Tyr Ser Arg Val Ala Asp Tyr Ile Val Lys Val Ser Leu Trp
1 5 10 15

Ser Leu Leu Val Thr Leu Val Val Leu Leu Leu Ile Met Thr Gly Thr
20 25 30

Met Leu Gly Pro Glu Leu Leu Ala Ser Ile Pro Ala Ala Val Tyr Val
35 40 45

Ile Ala Ile Phe
50

<210> 2952
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G109fs"

<400> 2952
Tyr Leu Leu Ala Ile Ser Phe Ser Leu Lys Pro Val Gln Ala Ile Ala

1 5 10 15

Val Leu Ile Met Gly Cys Cys Pro Gly Ala Pro Ser Leu Thr Phe Ser
20 25 30

Pro Ser Gly Leu Met Glu Ile Trp Ile Ser Ala Ser Val
35 40 45

<210> 2953
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S261L"

<400> 2953
Leu Ile Leu Phe Ile Ile Phe Ser Ile Gln Leu Ser Phe Met Leu Leu
1 5 10 15

Thr Phe Ile Phe Ser Thr Arg Asn Asn Leu Leu Gly Phe Thr Pro Ala
20 25 30

Asp Thr Val Ala Ile Ile Phe Cys Ser Thr His Lys Ser Leu Thr Leu
35 40 45

Gly Ile Pro Met
50

<210> 2954
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S292L"

<400> 2954
Ala Asn Ala Val Ala Val Ala Met Tyr Val Val Gly Phe Ala Glu Thr
1 5 10 15

Val Val Asp Leu Leu Lys Glu Ser Asp Leu Leu Met Met Val Asp Pro

20 25 30

Thr Asn Asp Ile Arg Ile Ile Gly Ser Ile Thr Val Val Ile Leu Leu
35 40 45

Gly Ile Ser Val
50

<210> 2955
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R828Q"

<400> 2955
Ala Leu Leu His Leu Val His Asp Phe Thr Lys Asn Val Gly Leu Met
1 5 10 15

Ile Cys Gly His Val His Met Gly Pro Gln Gln Arg Gln Ala Met Lys
20 25 30

Glu Met Ser Ile Asp Gln Ala Lys Tyr Gln Arg Trp Leu Ile Lys Asn
35 40 45

Lys Met Lys Ala
50

<210> 2956
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H686fs"

<400> 2956
Trp Gly Asp Gly Ile Arg Gly Leu Ser Leu Asn Ala Ala Arg Tyr Ala
1 5 10 15

Leu Leu Arg Val Glu His Gly Pro Pro Thr Pro Arg Thr Gly Gly Pro

20 25 30

Arg Cys Trp
35

<210> 2957
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L493fs"

<400> 2957
Ile Val Leu Leu Leu Gly Gly Gly Tyr Ala Leu Ala Lys Gly Ser Glu
1 5 10 15

Arg Ser Gly Leu Ser Glu Trp Leu Gly Lys Gln Ala Asp Pro Thr Ala
20 25 30

Glu Cys Ala Ser Ser Ser His Cys His His Pro Leu Pro Pro Gly Gly
35 40 45

His Leu His Arg Val His
50

<210> 2958
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q273P"

<400> 2958
Val Asn Phe Ala Ser Trp Phe Ala Phe Ala Phe Pro Asn Met Leu Val
1 5 10 15

Met Leu Leu Phe Ala Trp Leu Trp Leu Pro Pro Phe Val Tyr Met Arg
20 25 30

Phe Asn Phe Lys Lys Ser Trp Gly Cys Gly Leu Glu Ser Lys Lys Asn

35 40 45

Glu Lys Ala Ala
50

<210> 2959
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R495Q"

<400> 2959
Tyr Asp Phe Ser Phe Tyr Ile Cys Gly Leu Leu Tyr Met Ile Gly Ile
1 5 10 15

Leu Phe Leu Leu Ile Gln Pro Cys Ile Gln Gln Ile Ile Glu Gln Ser
20 25 30

Arg Arg Lys Tyr Met Asp Gly Ala His Val
35 40

<210> 2960
<211> 58
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G98fs"

<400> 2960
Leu Thr Phe Ser Ala Pro Leu Ala Thr Val Leu Ser Asn Arg Phe Gly
1 5 10 15

His Arg Leu Val Val Met Leu Gly Gly Ala Thr Cys Gln His Arg Asp
20 25 30

Gly Gly Arg Leu Leu Leu Thr Arg Gly Phe Ser Tyr Val Arg Arg His
35 40 45

Arg His His Leu Trp Ser Gly Ile Leu Leu

50 55

<210> 2961
<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.CVLLGG470del"

<400> 2961
Leu Gly Pro Pro Ile Val Gly Trp Phe Tyr Asp Trp Thr Gln Thr Tyr
1 5 10 15

Asp Ile Ala Phe Tyr Phe Ser Gly Phe Phe Ile Leu Leu Leu Ala Ala
20 25 30

Leu Pro Ser Trp Asp Thr Cys Asn Lys Gln Leu Pro Lys Pro Ala Pro
35 40 45

Thr Thr Phe Leu Tyr Lys Val Ala Ser Asn Val
50 55

<210> 2962
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V324I"

<400> 2962
His Leu Ile Asn Gln Gly Tyr Arg Ala Ile Thr Val Arg Lys Leu Met
1 5 10 15

Gln Gly Met Gly Leu Gly Leu Ser Ser Ile Ile Phe Ala Leu Cys Leu
20 25 30

Gly His Thr Ser Ser Phe Cys Glu Ser Val Val Phe Ala Ser Ala Ser
35 40 45

Ile Gly Leu Gln

50

<210> 2963
<211> 58
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F348fs"

<400> 2963
Leu Ile Ile His Gly Gly Ile Phe Leu Pro Leu Ile Tyr Phe Val Val
1 5 10 15

Thr Arg Lys Asn Pro Phe Ser Phe Phe Cys Trp His Phe Pro Ser Leu
20 25 30

Asp His Cys Pro Gly His Arg Phe Gln Cys Trp Asn Phe Ala Cys His
35 40 45

Leu Ser Leu Pro Gly Arg Lys Ser Gly Asp
50 55

<210> 2964
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P328fs"

<400> 2964
Pro Leu Gln Ala Val Val Glu Glu Arg Thr Val Ser Phe Lys Leu Gly
1 5 10 15

Asp Leu Glu Glu Ala Pro Glu Arg Glu Ala Ser Gln Arg Gly Leu Glu
20 25 30

Arg Gly Asn Gln His Arg
35

<210> 2965

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S201L"

<400> 2965
Asn Gly Gly Met Ser Leu Val Ala Phe Val Leu Leu Asn Glu Cys Val
1 5 10 15

Gly Thr Ala Tyr Trp Ala Leu Ala Gly Leu Leu Ile Gly Gly Leu Phe
20 25 30

Phe Ala Val Gly Ile Ala Gln Tyr Ala Leu Leu Gly Tyr Phe Ile Arg
35 40 45

Ser Trp Arg Thr
50

<210> 2966
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R407Q"

<400> 2966
Leu Gln Thr Leu Phe Gly Ala Val Ile Leu Leu Ala Asn Cys Val Ala
1 5 10 15

Pro Trp Ala Leu Lys Tyr Met Asn Arg Gln Gln Ala Ser Gln Met Leu
20 25 30

Leu Met Phe Leu Leu Ala Ile Cys Leu Leu Ala Ile Ile Phe Val Pro
35 40 45

Gln Glu Met Gln
50

<210> 2967

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A134V"

<400> 2967
Ser Glu Asn Ser Thr Asp His Ala Gln Gly Asp Tyr Pro Lys Asp Ile
1 5 10 15

Phe Ser Leu Glu Glu Arg Arg Lys Gly Val Val Ile Ile Leu His Val
20 25 30

Ile Gly Met Ile Tyr Met Phe Ile Ala Leu Ala Ile Val Cys Asp Glu
35 40 45

Phe Phe Val Pro
50

<210> 2968
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R35S"

<400> 2968
Ala Arg Arg Ala Leu Leu Leu Gly Ile Leu Trp Ala Thr Ala His Leu
1 5 10 15

Pro Leu Ser Gly Thr Ser Leu Pro Gln Ser Ser Leu Pro Arg Ala Thr
20 25 30

Gly Asn Ser Thr Gln Cys Val Ile Ser Pro Ser Ser Glu Phe Pro Glu
35 40 45

Gly Phe Phe Thr
50

<210> 2969

<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F28fs"

<400> 2969
Leu Ser Tyr Glu Ser Leu Val His Ala Val Ala Gly Ala Val Gly Ser
1 5 10 15

Val Thr Ala Met Thr Val Phe Phe Pro Trp Ile Gln Leu Asp Phe Asp
20 25 30

Phe Arg Leu Met Arg Lys Glu Asn Pro Lys Leu His Thr Trp Cys Ser
35 40 45

Trp Arg Ser Leu Lys Lys Lys Asp Ser Trp His His Ile Glu Gly Gly
50 55 60

Phe Gln
65

<210> 2970
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q83E"

<400> 2970
Leu Arg Pro Lys Tyr Asn Gly Ile Leu His Cys Leu Thr Thr Ile Trp
1 5 10 15

Lys Leu Asp Gly Leu Arg Gly Leu Tyr Glu Glu Gly Val Thr Pro Asn
20 25 30

Ile Trp Gly Ala Gly Leu Ser Trp Gly Leu Tyr Phe Phe Phe Tyr Asn
35 40 45

Ala Ile Lys Ser

50

<210> 2971
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R96Q"

<400> 2971
Glu Gly Gly Asn Lys Leu Trp Tyr Lys Lys Pro Gly Asn Phe Gln Gly
1 5 10 15

Thr Leu Asp Ala Phe Phe Lys Ile Ile Gln Gln Asn Glu Gly Ile Lys
20 25 30

Ser Leu Trp Ser Gly Leu Pro Pro Thr Leu Val Met Ala Val Pro Ala
35 40 45

Thr Val Ile Tyr
50

<210> 2972
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G106C"

<400> 2972
Leu Leu Val Leu Thr Ala Thr Ser His Gln Glu Arg Arg Ala Gln Pro
1 5 10 15

Pro Ser Tyr Met His Ile Phe Leu Ala Cys Cys Cys Thr Gly Gly Phe
20 25 30

Leu Gln Ala Tyr Cys Leu Ala Pro Phe Asp Leu Ile Lys Val Arg Leu
35 40 45

Gln Asn Gln Thr

50

<210> 2973
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A67T"

<400> 2973
Thr Leu Ser Cys Ile Arg Val Val Tyr Arg Arg Glu Ser Met Phe Gly
1 5 10 15

Phe Phe Lys Gly Met Ser Phe Pro Leu Thr Thr Ser Ile Ala Val Tyr
20 25 30

Asn Ser Val Val Phe Gly Val Phe Ser Asn Thr Gln Arg Phe Leu Ser
35 40 45

Gln His Arg Cys
50

<210> 2974
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R101S"

<400> 2974
Val Phe Gly Val Phe Ser Asn Thr Gln Arg Phe Leu Ser Gln His Arg
1 5 10 15

Cys Gly Glu Pro Glu Ala Ser Pro Pro Ser Ser Thr Leu Ser Asp Leu
20 25 30

Leu Leu Ala Ser Met Val Ala Gly Val Val Ser Val Gly Leu Gly Gly
35 40 45

Pro Val Asp Leu

50

<210> 2975
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I79F"

<400> 2975
Ile Ile Asp Cys Val Val Arg Ile Pro Lys Glu Gln Gly Val Leu Ser
1 5 10 15

Phe Trp Arg Gly Asn Leu Ala Asn Val Phe Phe Arg Tyr Phe Pro Thr
20 25 30

Gln Ala Leu Asn Phe Ala Phe Lys Asp Lys Tyr Lys Gln Ile Phe Leu
35 40 45

Gly Gly Val Asp
50

<210> 2976
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A118T"

<400> 2976
Asp Lys Tyr Lys Gln Ile Phe Leu Gly Gly Val Asp Lys Arg Thr Gln
1 5 10 15

Phe Trp Leu Tyr Phe Ala Gly Asn Leu Thr Thr Ser Gly Gly Ala Ala
20 25 30

Gly Ala Thr Ser Leu Cys Phe Val Tyr Pro Leu Asp Phe Ala Arg Thr
35 40 45

Arg Leu Ala Ala

50

<210> 2977
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V88I"

<400> 2977
Trp Leu Pro Ala Tyr Arg Leu Lys Glu Trp Leu Leu Ser Asp Ile Val
1 5 10 15

Ser Gly Ile Ser Thr Gly Ile Val Ala Ile Ile Leu Gln Gly Leu Ala
20 25 30

Phe Ala Leu Leu Val Asp Ile Pro Pro Val Tyr Gly Leu Tyr Ala Ser
35 40 45

Phe Phe Pro Ala
50

<210> 2978
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I629fs"

<400> 2978
Leu Ala His Cys Thr Ala Ser Leu Ile Lys Ala Met Thr Tyr Tyr Gly
1 5 10 15

Asn Leu Asp Ser Glu Lys Pro Ile Phe Leu Asn Arg Tyr Leu Leu Gln
20 25 30

<210> 2979
<211> 89
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P643fs"

<400> 2979
Val Asn Val Tyr Gly Val Thr Val Pro Gly His Glu Gly Arg Ala Gly
1 5 10 15

Met Ala Ala Leu Val Leu Arg Pro Pro Thr Leu Trp Thr Leu Cys Ser
20 25 30

Ser Thr Pro Thr Cys Leu Arg Thr Cys His Leu Met Pro Gly Pro Asp
35 40 45

Ser Ser Gly Ser Arg Ser Leu Trp Pro Pro Gln Arg Pro Ser Asn Ser
50 55 60

Arg Lys Phe Gly Trp Gln Met Arg Ala Ser Thr Pro Ala Pro Cys Leu
65 70 75 80

Thr His Cys Thr Phe Trp Thr Arg Leu
85

<210> 2980
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A230D"

<400> 2980
Leu Ile Met Ile Leu Leu Leu Ser Phe Met Pro Asn Ser Pro Arg Phe
1 5 10 15

Leu Leu Ser Arg Gly Arg Asp Glu Glu Asp Asp Leu Arg Ala Leu Ala
20 25 30

Trp Leu Arg Gly Thr Asp Val Asp Val His Trp Glu Phe Glu Gln Ile
35 40 45

Gln Asp Asn Val

50

<210> 2981
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A65T"

<400> 2981
Tyr Asn Leu Ser Val Val Asn Thr Pro His Lys Val Phe Lys Ser Phe
1 5 10 15

Tyr Asn Glu Thr Tyr Phe Glu Arg His Thr Thr Thr Phe Met Asp Gly
20 25 30

Lys Leu Met Leu Leu Leu Trp Ser Cys Thr Val Ser Met Phe Pro Leu
35 40 45

Gly Gly Leu Leu
50

<210> 2982
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H268Q"

<400> 2982
Leu Arg Gly His Thr Asp Met Glu Ala Glu Leu Glu Asp Met Arg Ala
1 5 10 15

Glu Ala Arg Ala Glu Arg Ala Glu Gly Gln Gln Leu Ser Val Leu His
20 25 30

Leu Cys Ala Leu Arg Ser Leu Arg Trp Gln Leu Leu Ser Ile Ile Val
35 40 45

Leu Met Ala Gly

50

<210> 2983
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R194H"

<400> 2983
Leu Arg Ser Asp Val Glu Ala Lys Ser Leu Glu Val Trp Gly Ser Pro
1 5 10 15

Glu Ala Leu Ala Arg Glu Lys Lys Leu His His Lys Glu Ala Glu Ile
20 25 30

Glu Tyr Arg Glu Arg Leu Phe Arg Asn Gln Lys Ile Leu Arg Glu Tyr
35 40 45

Arg Asp Phe Leu
50

<210> 2984
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V494I"

<400> 2984
Cys Phe Leu Leu Pro Ser Leu Phe His Leu Arg Leu Leu Trp Arg Lys
1 5 10 15

Leu Leu Trp His Gln Val Phe Phe Asp Ile Ile Ala Ile Phe Val Ile
20 25 30

Gly Gly Ile Cys Ser Val Ser Gly Phe Val His Ser Leu Glu Gly Leu
35 40 45

Ile Glu Ala Tyr

50

<210> 2985
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S542L"

<400> 2985
Cys Val Phe Ile Gly Phe Gly Trp Trp Phe Phe Leu Gly Pro Lys Phe
1 5 10 15

Lys Lys Leu Gln Asp Glu Gly Ser Ser Leu Leu Trp Lys Cys Lys Arg
20 25 30

Asn Asn

<210> 2986
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.*417S"

<400> 2986
Val Trp Arg Leu Val Arg Gly Thr Arg Tyr Met Lys Lys Asp Tyr Leu
1 5 10 15

Ile Glu Asn Glu Glu Leu Pro Ser Pro Ser Ser Glu Gly Gly Ala Cys
20 25 30

Thr Tyr Leu Cys Ala Tyr Thr Tyr Phe Ile Cys
35 40

<210> 2987
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A280T"

<400> 2987
Cys Asn Lys Ala Phe Val Phe Leu Leu Ser Trp Ile Val Leu Arg Asp
1 5 10 15

Arg Phe Met Gly Val Arg Ile Val Ala Thr Thr Ile Leu Ala Ile Ala
20 25 30

Gly Ile Val Met Met Thr Tyr Ala Asp Gly Phe His Ser His Ser Val
35 40 45

Ile Gly Ile Ala
50

<210> 2988
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K62fs"

<400> 2988
Ile Asn Glu Gly Tyr Gly Asn Phe Met Glu Glu Asn Pro Lys Lys Gly
1 5 10 15

Leu Leu Ser Glu Met Lys Lys Lys Gly Glu Leu Ser Leu Glu Pro Trp
20 25 30

Ile Pro Tyr Leu His Gln Gln Lys Thr Gln
35 40

<210> 2989
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V528I"

<400> 2989
Ala Cys Ala Leu Leu Phe Leu Ile Arg Leu Ile His Lys Glu Leu Ser
1   5   10   15

Cys Pro Gly Ser Ala Thr Gly Asp Gln Ile Ile Pro Phe Lys Glu Gln
            20   25   30

<210> 2990
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G100R"

<400> 2990
Met Ser Val Phe Asn Leu Ser Asn Ala Ile Met Gly Ser Gly Ile Leu
1   5   10   15

Gly Leu Ala Phe Ala Leu Ala Asn Thr Arg Arg Ile Leu Leu Phe Leu
            20   25   30

Val Leu Leu Thr Ser Val Thr Leu Leu Ser Ile Tyr Ser Ile Asn Leu
        35   40   45

Leu Leu Ile Cys
    50

<210> 2991
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.1071_1072II>I"

<400> 2991
Ser Asp Leu Arg Arg Arg Arg Arg Asp Leu Gly Pro His Ala Glu Gly

1 5 10 15

Gln Leu Ala Pro Arg Asp Gly Val Ile Ile Gly Leu Asn Pro Leu Pro
20 25 30

Asp Val Gln Val Asn Asp Leu Arg Gly Ala Leu Asp Ala Gln Leu Arg
35 40 45

Gln Ala Ala Gly Gly Ala
50

<210> 2992
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C628S"

<400> 2992
Ile Leu Met Asn Phe Ile Ser Ser Leu Thr Ala Phe Met Gly Leu Tyr
1 5 10 15

Ile Gly Leu Ser Val Ser Ala Asp Pro Ser Ser Val Gln Asp Trp Ile
20 25 30

Phe Thr Val Thr Ala Gly Met Phe Leu Tyr Leu Ser Leu Val Glu Met
35 40 45

Leu Pro Glu Met
50

<210> 2993
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R53L"

<400> 2993
Ala Phe Pro Gln Thr Thr Glu Lys Ile Ser Pro Asn Trp Glu Ser Gly

1 5 10 15

Ile Asn Val Asp Leu Ala Ile Ser Thr Leu Leu Gln Tyr His Leu Gln
20 25 30

Gln Leu Phe Tyr Arg Tyr Gly Glu Asn Asn Ser Leu Ser Val Glu Gly
35 40 45

Phe Arg Lys Leu
50

<210> 2994
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R382C"

<400> 2994
Leu His Glu Val Pro His Glu Val Gly Asp Phe Ala Ile Leu Val Gln
1 5 10 15

Ser Gly Cys Ser Lys Lys Gln Ala Met Cys Cys Leu Gln Leu Leu Thr
20 25 30

Ala Val Gly Ala Leu Ala Gly Thr Ala Cys Ala Leu Leu Thr Glu Gly
35 40 45

Gly Ala Val Gly
50

<210> 2995
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L456fs"

<400> 2995
Ser Val Leu Pro Glu Leu Leu Arg Glu Ala Ser Pro Leu Gln Ser Leu

1 5 10 15

Leu Glu Val Leu Gly Leu Leu Gly Gly Ser Tyr His Asp Gly Ala Asp
20 25 30

Cys Pro Pro
35

<210> 2996
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P133L"

<400> 2996
Leu Val Gly Ser Ala Cys Phe Thr Ala Ser Cys Thr Leu Met Ala Leu
1 5 10 15

Ala Ser Arg Asp Val Glu Ala Leu Ser Leu Leu Leu Ile Phe Leu Ala
20 25 30

Leu Ser Leu Asn Gly Phe Gly Gly Ile Cys Leu Thr Phe Thr Ser Leu
35 40 45

Thr Leu Pro Asn
50

<210> 2997
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R216H"

<400> 2997
Leu Leu Tyr Glu Lys Gly Ile Ser Leu Arg Ala Ser Phe Ile Phe Ile
1 5 10 15

Ser Val Cys Ser Thr Trp His Val Ala His His Thr Phe Leu Leu Met

20 25 30

Pro Arg Gly His Ile Pro Tyr Pro Leu Pro Pro Asn Tyr Ser Tyr Gly
35 40 45

Leu Cys Pro Gly
50

<210> 2998
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V70F"

<400> 2998
Lys Pro Ala Asp Thr Pro Ser Glu Glu Glu Asp Phe Gly Asp Pro Arg
1 5 10 15

Thr Tyr Asp Pro Asp Phe Lys Gly Pro Phe Phe Ala Asn Arg Ser Cys
20 25 30

Thr Asp Val Leu Cys Cys Met Ile Phe Leu Leu Cys Ile Ile Gly Tyr
35 40 45

Ile Val Leu Gly
50

<210> 2999
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R185H"

<400> 2999
Cys Pro Glu Lys Phe Leu Thr Tyr Val Glu Met Gln Leu Leu Tyr Thr
1 5 10 15

Lys Asp Lys Ser Tyr Trp Glu Asp Tyr His His Gln Phe Cys Lys Thr

20 25 30

Thr Ala Lys Pro Val Lys Ser Leu Thr Gln Leu Leu Leu Asp Asp Asp
35 40 45

Cys Pro Thr Ala
50

<210> 3000
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L1061fs"

<400> 3000
Ser Gln Lys Ala Arg Arg Leu Leu Lys Gly Ser Gly Phe His Leu Asp
1 5 10 15

Leu Leu Leu Ile Gly Ser Leu Gly Gly Ser Val Gly Cys Leu Gly Cys
20 25 30

Pro Gly Ser Arg Leu Pro Arg Ser Ala Pro Ser Pro Met Ser Met Arg
35 40 45

<210> 3001
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I533V"

<400> 3001
Trp Phe Pro Ser Asp Phe Tyr Asp Gly Phe His Ile Gln Ser Ile Ser
1 5 10 15

Ala Ile Leu Phe Ile Tyr Leu Gly Cys Val Val Thr Asn Ala Ile Thr
20 25 30

Phe Gly Gly Leu Leu Gly Asp Ala Thr Asp Asn Tyr Gln Gly Val Met

35 40 45

Glu Ser Phe Leu
50

<210> 3002
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N229K"

<400> 3002
Leu Asn Asp Ser Met Arg Val Lys Val Arg Glu Ala Leu Leu Lys Lys
1 5 10 15

His His His Gln Asn Glu Lys Lys Arg Lys Lys Asn Leu Ile Pro Ile
20 25 30

Val Arg Ser Phe Ala Glu Val Gly Lys Lys Gln Ser Asp Pro His Leu
35 40 45

Met Asp Lys His
50

<210> 3003
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G370del"

<400> 3003
Leu Ser Leu Leu Gly Met Leu Phe Gly Ala Tyr Leu Met Ala Leu Ala
1 5 10 15

Ile Leu Ser Pro Cys Pro Pro Leu Val Thr Thr Ala Gly Val Val Leu
20 25 30

Val Val Leu Ser Trp Val Leu Cys Leu Cys Val Phe Ser Tyr Val Lys

35 40 45

Val Ala Ala Ser Ser
50

<210> 3004
<211> 67
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G399fs"

<400> 3004
Leu Ser Trp Val Leu Cys Leu Gly Val Phe Ser Tyr Val Lys Val Ala
1 5 10 15

Ala Ser Ser Leu Leu His Gly Gly Gly Pro Ala Gly Ile Ala Gly Ser
20 25 30

Arg Arg Gly His Pro Gly Gly Leu Ser Ala Arg Arg Cys Cys Tyr Val
35 40 45

Pro Pro Asp Gln His Leu Ser Arg Val Pro Gln Gln Lys Gly Leu Cys
50 55 60

Arg Pro Leu
65

<210> 3005
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G53W"

<400> 3005
Asp Ile Ser Ile Ile Val Ile Tyr Phe Val Val Val Met Ala Val Gly
1 5 10 15

Leu Trp Ala Met Phe Ser Thr Asn Arg Trp Trp Thr Val Gly Gly Phe

```
            20                  25                  30

Phe Leu Ala Gly Arg Ser Met Val Trp Trp Pro Ile Gly Ala Ser Leu
        35                  40                  45

Phe Ala Ser Asn
    50
```

<210> 3006
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G336C"

<400> 3006

```
Lys Thr Thr Glu Glu Ala Asp Met Ile Leu Pro Ile Val Leu Gln Tyr
1               5                   10                  15

Leu Cys Pro Val Tyr Ile Ser Phe Phe Cys Cys Leu Gly Ala Val Ser
            20                  25                  30

Ala Ala Val Met Ser Ser Ala Asp Ser Ser Ile Leu Ser Ala Ser Ser
        35                  40                  45

Met Phe Ala Arg
    50
```

<210> 3007
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G442V"

<400> 3007

```
Ile Phe Pro Gln Leu Leu Cys Val Leu Phe Val Lys Gly Thr Asn Thr
1               5                   10                  15

Tyr Gly Ala Val Ala Gly Tyr Val Ser Val Val Leu Phe Leu Arg Ile
```

20 25 30

Thr Gly Gly Glu Pro Tyr Leu Tyr Leu Gln Pro Leu Ile Phe Tyr Pro
35 40 45

Gly Tyr Tyr Pro
50

<210> 3008
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K88N"

<400> 3008
Trp Ser Phe Phe Thr Pro Leu Val Cys Met Gly Ile Phe Ile Phe Asn
1 5 10 15

Val Val Tyr Tyr Lys Pro Leu Val Tyr Asn Asn Asn Thr Asn Val Tyr
20 25 30

Pro Trp Trp Gly Glu Ala Met Gly Trp Ala Phe Val Leu Ser Ser Met
35 40 45

Leu Cys Met Pro
50

<210> 3009
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W299L"

<400> 3009
Thr Leu Pro Gly Ala Ser Glu Gly Ile Lys Phe Tyr Leu Tyr Pro Asp
1 5 10 15

Leu Ser Arg Leu Ser Asp Pro Gln Val Leu Leu Val Asp Ala Gly Thr

20 25 30

Gln Ile Phe Phe Ser Tyr Ala Ile Cys Leu Gly Cys Leu Thr Ala Leu
35 40 45

Gly Ser Tyr Asn
50

<210> 3010
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A85fs"

<400> 3010
Phe Pro Tyr Leu Thr Tyr Ser Asn Gly Gly Gly Ala Phe Leu Ile Pro
1 5 10 15

Tyr Ala Ile Met Leu Ala Leu Ala Gly Phe Thr Phe Val Leu Ser Gly
20 25 30

Val Phe Thr Gly Thr Ile Cys
35

<210> 3011
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R94K"

<400> 3011
Leu Leu Pro Gln Leu Met Ala Gln His Ser Leu Ala Met Ala Gln Asn
1 5 10 15

Gly Ala Val Pro Ser Glu Ala Thr Lys Lys Lys Asp Gln Asn Leu Lys
20 25 30

Arg Gly Asn Trp Gly Asn Gln Ile Glu Phe Val Leu Thr Ser Val Gly

35 40 45

Tyr Ala Val Gly
50

<210> 3012
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R243W"

<400> 3012
Ala Tyr Cys Asn Asn Pro Trp Asn Thr His Asp Cys Ala Gly Val Leu
1 5 10 15

Asp Ala Ser Asn Leu Thr Asn Gly Ser Trp Trp Pro Ala Ala Leu Pro
20 25 30

Ser Asn Leu Ser His Leu Leu Asn His Ser Leu Gln Arg Thr Ser Pro
35 40 45

Ser Glu Glu Tyr
50

<210> 3013
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P157fs"

<400> 3013
Thr Ser Leu Ala Val Ile Ser Met Thr Phe Ser Asn Tyr Val Leu Gln
1 5 10 15

Pro Val Phe Pro Asn Cys Ile Pro Pro Pro Gln Pro Pro Gly Cys Cys
20 25 30

Pro Trp Pro Ala

35

<210> 3014
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R322W"

<400> 3014
Thr Leu Ala Gly Ala Ala Thr Cys Phe Tyr Ala Phe Val Gly Phe Asp
1 5 10 15

Cys Ile Ala Thr Thr Gly Glu Glu Val Trp Trp Asn Pro Gln Lys Ala
20 25 30

Ile Pro Ile Gly Ile Val Thr Ser Leu Leu Val Cys Phe Met Ala Tyr
35 40 45

Phe Gly Val Ser
50

<210> 3015
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R431H"

<400> 3015
Val Ser Lys Ile Phe Phe Glu Gln Gly Thr Tyr Gln Cys Leu Glu Asn
1 5 10 15

Cys Gly Thr Val Ala Leu Thr Ile Ile His His Arg Gly Gly Asp Leu
20 25 30

Thr Asn Thr Val Phe Val Asp Phe Arg Thr Glu Asp Gly Thr Ala Asn
35 40 45

Ala Gly Ser Asp

50

<210> 3016
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G433C"

<400> 3016
Lys Ile Phe Phe Glu Gln Gly Thr Tyr Gln Cys Leu Glu Asn Cys Gly
1 5 10 15

Thr Val Ala Leu Thr Ile Ile Arg Arg Cys Cys Gly Asp Leu Thr Asn
20 25 30

Thr Val Phe Val Asp Phe Arg Thr Glu Asp Gly Thr Ala Asn Ala Gly
35 40 45

Ser Asp Tyr Glu
50

<210> 3017
<211> 58
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T746fs"

<400> 3017
Ser Pro Gln Ser Tyr Lys Met Glu Trp Lys Asn Glu Val Asp Val Asp
1 5 10 15

Ser Gly Arg Asp Met Pro Ser Thr Pro Gln His Pro Thr Ala Glu Lys
20 25 30

Arg Ala Pro Arg Arg Gln Ala Tyr Tyr Ser Ser Pro Phe Ser Leu Lys
35 40 45

Thr Ser Leu Ala Gln Arg Gly Lys Thr Val

50 55

<210> 3018
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R631H"

<400> 3018
Arg Thr Leu Ser Tyr Asn Lys Tyr Asn Leu Lys Pro Gln Thr Ser Glu
1 5 10 15

Lys Gln Ala Lys Glu Ile Leu Ile Arg His His Gln Asn Thr Leu Arg
20 25 30

Glu Ser Met Arg Lys Gly His Ser Leu Pro Trp Gly Lys Pro Ala Gly
35 40 45

Thr Lys Asn Ile
50

<210> 3019
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L447F"

<400> 3019
Thr Lys Val Pro Ala Lys Asp Tyr Phe Val Ala Thr Thr Ile Val Val
1 5 10 15

Val Phe Phe Thr Val Ile Val Gln Gly Phe Phe Thr Ile Lys Pro Leu
20 25 30

Val Lys Trp Leu Lys Val Lys Arg Ser Glu His His Lys Pro Thr Leu
35 40 45

Asn Gln Glu Leu

50

<210> 3020
<211> 71
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V446fs"

<400> 3020
Phe Ala Gly Phe Ser Phe Lys Glu Lys Ile Phe Ile Ala Leu Ala Trp
1 5 10 15

Met Pro Lys Ala Thr Val Gln Ala Val Arg Ser Ser Gly Ser Arg Asn
20 25 30

Ser Lys Ser Leu Arg Thr Pro Leu Gly Thr Ile Cys Glu Gly Cys Asp
35 40 45

Asp Ser Ser Ile Phe Ser His Leu Asp His Ser Ser Lys Trp Ser Ser
50 55 60

Thr Tyr Gly His Ser Gly Ala
65 70

<210> 3021
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M479I"

<400> 3021
Ile Phe His Pro Val Cys Gly Asp Asn Gly Ile Glu Tyr Leu Ser Pro
1 5 10 15

Cys His Ala Gly Cys Ser Asn Ile Asn Ile Ile Ser Ser Ala Thr Ser
20 25 30

Lys Gln Leu Ile Tyr Leu Asn Cys Ser Cys Val Thr Gly Gly Ser Ala

35 40 45

Ser Ala Lys Thr
50

<210> 3022
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1460L"

<400> 3022
Ser Gly Thr Lys Gly Ala His Cys Val Cys Asp Pro Gly Phe Ser Gly
1 5 10 15

Glu Leu Cys Glu Gln Glu Ser Glu Cys Leu Leu Gly Asp Pro Val Arg
20 25 30

Asp Phe His Gln Val Gln Arg Gly Tyr Ala Ile Cys Gln Thr Thr Arg
35 40 45

Pro Leu Ser Trp
50

<210> 3023
<211> 88
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K45fs"

<400> 3023
Thr Gly Asp Val Cys Lys Glu Lys Ile Cys Ser Cys Asn Glu Ile Glu
1 5 10 15

Gly Asp Leu His Val Asp Cys Glu Lys Arg Ala Ser Gln Val Cys Ser
20 25 30

Val Ser Leu Pro Arg Leu Pro Ser Phe Thr Ile Tyr Phe Cys Met Ala

35 40 45

Ile Pro Ser Leu Asp Phe Ser Leu Met Ser Ser Leu Thr Phe Ile Met
50 55 60

Arg Leu Val Cys Thr Trp Lys Thr Met Ala Cys Met Lys Ser Phe Arg
65 70 75 80

Gly Leu Phe Trp Gly Cys Ser Trp
85

<210> 3024
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R52H"

<400> 3024
Lys Ile Cys Ser Cys Asn Glu Ile Glu Gly Asp Leu His Val Asp Cys
1 5 10 15

Glu Lys Lys Gly Phe Thr Ser Leu Gln His His Phe Thr Ala Pro Thr
20 25 30

Ser Gln Phe Tyr His Leu Phe Leu His Gly Asn Ser Leu Thr Arg Leu
35 40 45

Phe Pro Asn Glu
50

<210> 3025
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R214L"

<400> 3025
Pro Thr Asn Leu Phe Lys Ala Val Ser Leu Thr His Leu Asp Leu Arg

1 5 10 15

Gly Asn Arg Leu Lys Val Leu Phe Tyr Leu Leu Gly Met Leu Asp His
20 25 30

Ile Gly Arg Ser Leu Met Glu Leu Gln Leu Glu Glu Asn Pro Trp Asn
35 40 45

Cys Thr Cys Glu
50

<210> 3026
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S298L"

<400> 3026
Arg Glu Ile Arg Lys Thr Glu Leu Cys Pro Leu Leu Ser Asp Ser Glu
1 5 10 15

Val Glu Ala Ser Leu Gly Ile Pro His Leu Leu Ser Ser Ser Lys Glu
20 25 30

Asn Ala Trp Pro Thr Lys Pro Ser Ser Met Leu Ser Ser Val His Phe
35 40 45

Thr Ala Ser Ser
50

<210> 3027
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R468M"

<400> 3027
Asn Arg Ile Ser Met Ile Gln Asp Arg Ala Phe Gly Asp Leu Thr Asn

1 5 10 15

Leu Arg Arg Leu Tyr Leu Asn Gly Asn Met Met Ile Glu Arg Leu Ser
20 25 30

Pro Glu Leu Phe Tyr Gly Leu Gln Ser Leu Gln Tyr Leu Phe Leu Gln
35 40 45

Tyr Asn Leu Ile
50

<210> 3028
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R68L"

<400> 3028
Tyr Tyr Gly Glu Ile Cys Asp Asn Ala Cys Pro Cys Glu Glu Lys Asp
1 5 10 15

Gly Ile Leu Thr Val Ser Cys Glu Asn Leu Leu Gly Ile Ile Ser Leu
20 25 30

Ser Glu Ile Ser Pro Pro Arg Phe Pro Ile Tyr His Leu Leu Leu Ser
35 40 45

Gly Asn Leu Leu
50

<210> 3029
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N741K"

<400> 3029
His Leu Gln Arg Ser Leu Leu Glu Gln Glu Asn His Ser Pro Leu Thr

1 5 10 15

Gly Ser Asn Met Lys Tyr Lys Thr Thr Lys Lys Gln Ser Thr Glu Phe
20 25 30

Leu Ser Phe Gln Asp Ala Ser Ser Leu Tyr Arg Asn Ile Leu Glu Lys
35 40 45

Glu Arg Glu Leu
50

<210> 3030
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R321Q"

<400> 3030
Ser Leu Thr Val Asp Gly Phe Thr Asp Pro Ser Asn Ser Glu Arg Phe
1 5 10 15

Cys Leu Gly Leu Leu Ser Asn Val Asn Gln Gln Asn Ala Thr Val Glu
20 25 30

Met Thr Arg Arg His Ile Gly Arg Gly Val Arg Leu Tyr Tyr Ile Gly
35 40 45

Gly Glu Val Phe
50

<210> 3031
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R361H"

<400> 3031
Gly Glu Thr Phe Lys Val Pro Ser Ser Cys Pro Ile Val Thr Val Asp

1 5 10 15

Gly Tyr Val Asp Pro Ser Gly Gly Asp His His Phe Cys Leu Gly Gln
20 25 30

Leu Ser Asn Val His Arg Thr Glu Ala Ile Glu Arg Ala Arg Leu His
35 40 45

Ile Gly Lys Gly
50

<210> 3032
<211> 72
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E169fs"

<400> 3032
Gln Pro Leu Val Ser Ser Pro Ser Leu Gln Ala Ala Val Asp Lys Asn
1 5 10 15

Lys Leu Glu Lys Glu Lys Glu Lys Lys Arg Lys Arg Lys Arg Glu Lys
20 25 30

Arg Ser Gln Lys Ser Arg Gln Asn His Leu Gln Leu Lys Ser Cys Arg
35 40 45

Arg Lys Ile Ser Asn Trp Ser Leu Lys Lys Val Pro Ala Leu Lys Lys
50 55 60

Leu Arg Ser Pro Leu Trp Ile Phe
65 70

<210> 3033
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.R381Q"

<400> 3033
Gln Lys Pro Arg Gly Leu Asp Pro Val Glu Ile Leu Gln Glu Arg Glu
1   5   10   15

Tyr Arg Leu Gln Ala Arg Ile Ala His Gln Gln Ile Gln Glu Leu Glu
            20   25   30

Asn Leu Pro Gly Ser Leu Ala Gly Asp Leu Arg Thr Lys Ala Thr Ile
        35   40   45

Glu Leu Lys Ala
    50

<210> 3034
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P913L"

<400> 3034
Asn His His Cys Lys Leu Thr Gln Val Leu Asn Thr His Tyr Val Ala
1   5   10   15

Pro Arg Arg Leu Leu Leu Thr Gly Thr Leu Leu Leu Gln Asn Lys Leu
            20   25   30

Pro Glu Leu Trp Ala Leu Leu Asn Phe Leu Leu Pro Thr Ile Phe Lys
        35   40   45

Ser Cys Ser Thr
    50

<210> 3035
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.T156fs"

<400> 3035
Lys Gln Asn Leu Leu Ser Val Gly Asp Tyr Arg His Arg Arg Thr Glu
1   5   10   15

Gln Glu Glu Asp Glu Glu Leu Leu Thr Ala Pro Lys Gln Pro Met Phe
            20   25   30

Ala Leu Asp Leu Lys Thr Leu His Arg Met
        35   40

<210> 3036
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E970Q"

<400> 3036
Glu Leu Gly Ser Leu Pro Gln Glu Ala Phe Glu Lys Tyr Gln Thr Leu
1   5   10   15

Ser Leu Lys Gln Leu Phe Arg Lys Leu Gln Gln Gln Cys Asn Thr Glu
            20   25   30

Leu Lys Lys Tyr Ser His Val Asn Lys Lys Ala Leu Asp Gln Phe Val
        35   40   45

Asn Phe Ser Glu
    50

<210> 3037
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E175K"

<400> 3037
Val Arg Pro Phe Cys Met Ala Tyr Ile Ser Ala Asp Gln His Lys Ile

1 5 10 15

Met Gln Gln Phe Gln Glu Leu Ser Ala Lys Lys Phe Ser Arg Ala Ser
20 25 30

Glu Cys Leu Lys Thr Gly Asn Arg Lys Ala Phe Ala Gly Glu Leu Glu
35 40 45

Lys Lys Leu Lys
50

<210> 3038
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P2696H"

<400> 3038
Leu Ile Cys Asn Thr Thr Val Glu Arg Cys Gln Glu Leu Tyr Arg Lys
1 5 10 15

Tyr Glu Met Gln Tyr Ala Pro Gln Pro His His Pro Thr Val Cys Gln
20 25 30

Phe Ile Thr Ala Thr Glu Met Thr Leu Gln Arg Tyr Ala Ala Asp Ile
35 40 45

Asn Ser Arg Leu
50

<210> 3039
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E846fs"

<400> 3039
Thr Gln Asp Pro Ile Lys Leu Phe Glu Pro Ser Leu Gln Pro Pro Val

1 5 10 15

Met Gln Gln Gln Pro Leu Glu Lys Lys Asn Glu Ala Phe Ser His Gly
20 25 30

Ala Ile

<210> 3040
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D211fs"

<400> 3040
Gln Asn Met Lys His Val Ile Ser Val Asp Lys Ser Lys Pro Asp Lys
1 5 10 15

Ala Leu Ser Leu Ile Lys Asp Asp Phe Leu Thr Ile Leu Arg Thr
20 25 30

<210> 3041
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T292fs"

<400> 3041
Ile Pro Ala Gly Gly Ser Leu Gly Pro Ala Ala Glu Gly Asp Gly Ala
1 5 10 15

Gly Ser Lys Ala Pro Glu Glu Thr Pro Gln Pro Pro Arg Arg Pro Ser
20 25 30

Thr Ala Asn
35

<210> 3042

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q38E"

<400> 3042
Gly Pro Ala Val Pro Thr Val Gln Arg Gly Ile Ile Lys Met Val Leu
1 5 10 15

Ser Gly Cys Ala Ile Ile Val Arg Gly Glu Glu Pro Arg Gly Gly Pro
20 25 30

Pro Pro Glu Arg Gln Ile Asn Leu Ser Asn Ile Arg Ala Gly Asn Leu
35 40 45

Ala Arg Arg Ala
50

<210> 3043
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.H721fs"

<400> 3043
Val Gln Asp Val Glu Thr Gly Thr Gln Leu Glu Lys Leu Met Glu Asn
1 5 10 15

Met Arg Asn Asp Ile Ala Ser His Pro Leu
20 25

<210> 3044
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.F64fs"

<400> 3044
Gly Arg Ile Asp Ile Lys Gln Leu Ile Ala Lys Lys Ile Lys Leu Thr
1   5   10   15

Ala Glu Ala Glu Glu Leu Lys Pro Phe Leu
            20   25

<210> 3045
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R714H"

<400> 3045
Gly Phe Leu Met Gly Ala Ser Cys Gly Gly Gly Asn Met Lys Val Asp
1   5   10   15

Asp Ser Ala Tyr Glu Ser Leu Gly Leu His His Pro Arg His Ala Tyr
            20   25   30

Ser Ile Leu Asp Val Arg Asp Val Gln Gly Thr Arg Leu Leu Arg Leu
        35   40   45

Arg Asn Pro Trp
    50

<210> 3046
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S908L"

<400> 3046
Ala Gln Met Leu Ala Ser Gly Thr Met Asp Ala Gln Met Leu Ala Ser

1 5 10 15

Ser Thr Gln Asp Ser Ala Met Leu Gly Leu Leu Lys Ser Pro Asp Pro
20 25 30

Tyr Arg Leu Ala Gln Asp Pro Tyr Arg Leu Ala Gln Asp Pro Tyr Arg
35 40 45

Leu Gly His Asp
50

<210> 3047
<211> 74
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.VLESSAVT1359del"

<400> 3047
Leu Ala Glu Ser Ile Leu Glu Pro Pro Ala Met Ala Ala Pro Glu Ser
1 5 10 15

Ser Ala Met Ala Val Leu Glu Ser Ser Thr Val Thr Val Leu Glu Ser
20 25 30

Ser Thr Val Thr Val Leu Glu Pro Ser Val Val Thr Val Pro Glu Pro
35 40 45

Pro Val Val Ala Glu Pro Asp Tyr Val Thr Ile Pro Val Pro Val Val
50 55 60

Ser Ala Leu Glu Pro Ser Val Pro Val Leu
65 70

<210> 3048
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.F570L"

<400> 3048
Val Leu Thr Asn Glu Lys Met Ser Arg Asp Ile Ser Pro Glu Glu Ile
1   5   10   15

Asp Leu Lys Asn Glu Pro Trp Tyr Lys Leu Leu Phe Ser Glu Leu Glu
            20   25   30

Phe Gly Lys Pro Pro Pro Lys Lys Ile Trp Asp Tyr Thr Pro Gly Asp
        35   40   45

Cys Ser Ile Leu
    50

<210> 3049
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V1156M"

<400> 3049
Ala Glu Arg Gly Ala Gly Glu Arg Gly Pro Gly Gly Pro Lys Ile Ser
1   5   10   15

Lys Lys Ser Cys Leu Lys Pro Ser Asp Met Met Val Arg Cys Leu Ser
            20   25   30

Thr Glu Gln Arg Leu Ser Asp Leu Asn Thr Pro Glu Glu Ser Arg Pro
        35   40   45

Gly Lys Pro Leu
    50

<210> 3050
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P866S"

<400> 3050
Val Phe Glu Ala Leu Asp Ser Ala Leu Lys Asp Ile Cys Asp Gln Ile
1   5   10   15

Lys Ala Glu Lys Lys Arg Gly Ser Leu Ser Ser Asp Asn Ser Ile Leu
            20   25   30

His Arg Leu Ile Ser Glu Leu Leu Pro Asp Val Pro Glu Arg Asn Ser
        35   40   45

Ser Leu Arg Ala
    50

<210> 3051
<211> 89
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E1158fs"

<400> 3051
Asp Arg Ile His Ser Leu Ser Ser Asn Lys Pro Gln Arg Pro Val Phe
1   5   10   15

Thr His Glu Asn Ile Gln Gly Gly Gly Asn Arg Phe Arg Leu Cys Ile
            20   25   30

Thr Ile Leu Pro Gly Met Lys Met Ser Trp Ser Ser Glu Lys Val Met
        35   40   45

Ser Leu Met Ser Trp Lys Ser Val Met Thr Ala Gly Leu Trp Gly Pro
    50   55   60

Gln Glu Glu Pro Asn Ser Leu Val Leu Ser Pro Glu Thr Thr Ser Arg
65   70   75   80

Gly Cys Glu Leu Arg Ser Leu Leu Leu
                85

<210> 3052
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R320W"

<400> 3052
Phe Trp Ser Val Ser Gly Val Asp Ala Asp Pro Asp Leu Val His Val
1 5 10 15

Glu Ala Gln Asp Leu Gly Gly Asp Phe Trp Trp Tyr Val Thr Cys Ala
20 25 30

Ile His Asn Cys Ser Glu Lys Met Leu Thr Ala Pro Phe Ala Gly Pro
35 40 45

Ile Asp His Gly
50

<210> 3053
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R205L"

<400> 3053
Ala Asp Ala Tyr Ala Gln Tyr Leu Trp Ile Thr Phe Asp Phe Cys Asn
1 5 10 15

Thr Leu Gln Gly Phe Ser Ile Pro Phe Leu Leu Ala Ala Asp Leu Leu
20 25 30

Leu His Ser Lys Ala Ser Asn Leu Leu Leu Gly Phe Asp Arg Ser His
35 40 45

Pro Asn Lys Gln
50

<210> 3054
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N233Y"

<400> 3054
Phe Met Ala Glu Ile Arg Gln Tyr Ile Arg Glu Leu Asn Leu Ile Ile
1 5 10 15

Lys Val Phe Arg Glu Pro Phe Val Ser Tyr Tyr Ser Lys Leu Phe Ser
20 25 30

Ala Asn Asp Val Glu Asn Ile Phe Ser Arg Ile Val Asp Ile His Glu
35 40 45

Leu Ser Val Lys
50

<210> 3055
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R124P"

<400> 3055
Ala Ala Gln Pro Ser Lys Pro Thr Ser Thr Val Leu Pro Arg Ser Ala
1 5 10 15

Ser Ala Pro Gly Ala Pro Pro Leu Val Pro Pro Val Pro Arg Pro Val
20 25 30

Glu Pro Pro Gly Asp Leu Gly Leu Pro Thr Glu Pro Gln Asp Thr Pro
35 40 45

Gly Gly Pro Ala
50

<210> 3056
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S403I"

<400> 3056
Pro Tyr Gln Gly His Asp Ser Gly Val Asn Leu Pro Asp Ser His Gly
1 5 10 15

Ala Ile Ser Ser Val Val Ser Asp Ala Ile Ile Ser Ala Val Tyr Tyr
20 25 30

Cys Asn Tyr Pro Asp Val
35

<210> 3057
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R719W"

<400> 3057
His Leu Glu Lys Tyr Pro Asn Tyr Lys Tyr Lys Pro Arg Pro Lys Arg
1 5 10 15

Thr Cys Ile Val Asp Gly Lys Lys Leu Trp Trp Ile Gly Glu Tyr Lys
20 25 30

Gln Leu Met Arg Ser Arg Arg Gln Glu Met Arg Gln Phe Phe Thr Val
35 40 45

Gly Gln Gln Pro
50

<210> 3058
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L309fs"

<400> 3058
Arg Arg Ile Pro His Leu Pro Gly His Pro Tyr Ser Pro Glu Tyr Ala
1   5   10   15

Pro Ser Pro Leu His Cys Ser His Pro Trp Ala Pro Trp Pro Leu Ala
            20   25   30

Ser Pro Pro Ala Ser Pro
        35

<210> 3059
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E75K"

<400> 3059
Glu Asn Thr Phe Pro Lys Gly Glu Pro Asp Leu Lys Lys Glu Ser Glu
1   5   10   15

Glu Asp Lys Phe Pro Val Cys Ile Arg Lys Lys Ala Val Ser Gln Val
            20   25   30

Leu Lys Gly Tyr Asp Trp Thr Leu Val Pro Met Pro Val Arg Val Asn
        35   40   45

Gly Ser Ser Lys
    50

<210> 3060
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.E11del"

<400> 3060
Met Ser Asp Gln Lys Lys Glu Glu Glu Glu Ala Ala Ala Ala Ala Ala
1 5 10 15

Met Ala Thr Glu Gly Gly Lys Thr Ser Glu Pro Glu Asn Asn Asn Lys
20 25 30

Lys Pro Lys Thr Ser Gly
35

<210> 3061
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E7K"

<400> 3061
Met Ser Asp Gln Lys Lys Lys Lys Glu Glu Glu Glu Ala Ala Ala Ala
1 5 10 15

Ala Ala Met Ala Thr Glu Gly Gly Lys Thr Ser Glu Pro Glu Asn Asn
20 25 30

Asn

<210> 3062
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V439L"

<400> 3062
Gly Asp Thr Thr Val Lys Leu Trp Asp Leu Cys Lys Gly Asp Cys Ile
1 5 10 15

Leu Thr Phe Glu Gly His Ser Arg Ala Leu Leu Trp Ser Cys Thr Trp

20 25 30

His Ser Cys Gly Asn Phe Val Ala Ser Ser Ser Leu Asp Lys Thr Ser
35 40 45

Lys Ile Trp Asp
50

<210> 3063
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P488S"

<400> 3063
Trp Asp Val Asn Ser Glu Arg Cys Arg Cys Thr Leu Tyr Gly His Thr
1 5 10 15

Asp Ser Val Asn Ser Ile Glu Phe Phe Ser Ser Phe Ser Asn Thr Leu
20 25 30

Leu Thr Ser Ser Ala Asp Lys Thr Leu Ser Ile Trp Asp Ala Arg Thr
35 40 45

Gly Ile Cys Glu
50

<210> 3064
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.Q1264fs"

<400> 3064
Gly Gln Glu Ser Thr Gly Gln Tyr Val Ile Asp Glu Glu Pro Thr Trp
1 5 10 15

Asp Ile Met Val Arg Gln Ser Tyr Pro Arg Gly

20 25

<210> 3065
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R346Q"

<400> 3065
Leu Val Tyr Thr Phe Gly Glu Thr Val Ala Leu Gly Ala Ser Gly Ile
1 5 10 15

Val Ile Trp Gly Thr Leu Ser Ile Met Gln Gln Ser Met Lys Ser Cys
20 25 30

Leu Leu Leu Asp Asn Tyr Met Glu Thr Ile Leu Asn Pro Tyr Ile Ile
35 40 45

Asn Val Thr Leu
50

<210> 3066
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R72K"

<400> 3066
Gln Val Arg Ala Tyr Ile Arg His Leu Asn Arg Ile Val Thr Ile Ile
1 5 10 15

Gln Lys Trp Trp Arg Ser Phe Leu Gly Lys Lys Lys Gln Tyr Gln Leu
20 25 30

Thr Val Gln Val Ala Tyr Tyr Thr Met Met Met Asn Leu Tyr Asn Ala
35 40 45

Met Ala Val Arg

50

<210> 3067
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S150L"

<400> 3067
Asn Asp Phe Lys Pro Gln Cys Lys Arg Thr Asn Leu Val Ala Asn Asp
1 5 10 15

Gly Lys Asn Ser Cys Pro Val Ser Ser Leu Val Ala Gln Gln Gln Lys
20 25 30

Gln Leu Arg Ile Pro Glu Pro Pro Asn Leu Ser Arg Asn Lys Glu Thr
35 40 45

Glu Leu Leu Arg
50

<210> 3068
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C685fs"

<400> 3068
Lys Val Cys Thr Lys Thr Met Pro Ile Gly Pro Asp Val Ser Leu Glu
1 5 10 15

Asn Leu Ala Ala Glu Thr Cys Phe Phe Leu Glu Leu Ile Leu Glu Thr
20 25 30

Ser Ala Gln Lys Leu Leu Cys Trp Leu Cys Lys Lys Met Asp
35 40 45

<210> 3069

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C189F"

<400> 3069
Ala Val Leu Lys Lys Val Lys Asn Ile Phe Gln Glu Glu Glu Ser Ile
1 5 10 15

Arg Gln Asn Arg Glu Glu Ser Glu Asn Phe Phe Arg Lys Ala Phe Ser
20 25 30

Glu Pro Val Leu Ser Glu Pro Met Phe Ala Glu Gly Glu Ile Lys Ala
35 40 45

Lys Pro Tyr Arg
50

<210> 3070
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A944V"

<400> 3070
Glu Ala Glu Gly Gly Leu Cys Arg Leu Arg Ile Leu Ala Ala Glu Arg
1 5 10 15

Gly Asp Ala Gly Phe Tyr Thr Cys Lys Val Val Val Asn Glu Tyr Gly
20 25 30

Ala Arg Gln Cys Glu Ala Arg Leu Glu Val Arg Ala His Pro Glu Ser
35 40 45

Arg Ser Leu Ala
50

<210> 3071

<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.A992fs"

<400> 3071
Ala Val Leu Ala Pro Leu Gln Asp Val Asp Val Gly Ala Gly Glu Met
1 5 10 15

Ala Leu Phe Glu Cys Leu Val Ala Gly Ala His
20 25

<210> 3072
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E803fs"

<400> 3072
Arg Leu Glu Arg Tyr Thr Lys Asn Glu Lys Thr Asp Lys Glu Arg Thr
1 5 10 15

Phe Asp Pro Glu Arg Val Glu Arg Glu Thr Leu Asn Thr Glu Gly Lys
20 25 30

Ser Gly Lys Gly Gln Asn
35

<210> 3073
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.F121L"

<400> 3073
Glu Glu Thr Thr Thr Phe Pro Thr Gly Gly Phe Thr Pro Glu Ile Gly
1   5   10   15

Lys Lys Lys His Thr Glu Ser Thr Pro Leu Leu Trp Ser Ile Lys Pro
            20   25   30

Asn Asn Val Ser Ile Val Leu His Ala Glu Glu Pro Tyr Ile Glu Asn
        35   40   45

Glu Glu Pro Glu
    50

<210> 3074
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.F232fs"

<400> 3074
Gln Pro Pro Pro Leu Glu Thr Leu Gly Leu Asp Ala Asp Glu Leu Ile
1   5   10   15

Leu Ile Pro Asn Gly Val Gln Ile Phe Leu
            20   25

<210> 3075
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M150V"

<400> 3075
Ala Asn Thr Ile Ile Gly Lys Ala Val Glu His Met Phe Glu Gly Glu
1   5   10   15

His Gly Ser Lys Asp Glu Trp Arg Gly Val Val Val Leu Ala Gln Ala

20 25 30

Pro Ile Met Lys Ala Trp Phe Tyr Ile Thr Tyr Glu Lys Asp Pro Val
35 40 45

Leu Tyr Met Tyr
50

<210> 3076
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y171C"

<400> 3076
Pro Val Met Asp Thr Trp Phe Tyr Ile Thr Tyr Glu Lys Asp Pro Val
1 5 10 15

Leu Tyr Met Tyr Thr Leu Leu Asp Asp Cys Cys Lys Asp Gly Asp Leu
20 25 30

Arg Ile Ile Pro Asp Ser Asn Tyr Tyr Phe Pro Thr Ala Glu Gln Glu
35 40 45

Pro Gly Glu Val
50

<210> 3077
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A316V"

<400> 3077
Leu Arg Glu Glu Glu Cys Ile Leu Ala Cys Arg Gly Val Gln Gly Gly
1 5 10 15

Pro Leu Arg Gly Ser Ser Gly Ala Gln Val Val Thr Phe Pro Gln Gly

20 25 30

Pro Ser Met Glu Arg Arg His Pro Val Cys Ser Gly Thr Cys Gln Pro
35 40 45

Thr Gln Phe Arg
50

<210> 3078
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E50K"

<400> 3078
Thr Gln Ile Lys Val Val Lys Phe Ser Tyr Met Trp Thr Ile Asn Asn
1 5 10 15

Phe Ser Phe Cys Arg Glu Glu Met Gly Lys Lys Val Ile Lys Ser Ser
20 25 30

Thr Phe Ser Ser Gly Ala Asn Asp Lys Leu Lys Trp Cys Leu Arg Val
35 40 45

Asn Pro Lys Gly
50

<210> 3079
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F102V"

<400> 3079
Asp Glu Glu Ser Lys Asp Tyr Leu Ser Leu Tyr Leu Leu Leu Val Ser
1 5 10 15

Cys Pro Lys Ser Glu Val Arg Ala Lys Val Val Lys Phe Ser Ile Leu

20 25 30

Asn Ala Lys Gly Glu Glu Thr Lys Ala Met Glu Ser Gln Arg Ala Tyr
35 40 45

Arg Phe Val Gln
50

<210> 3080
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F102C"

<400> 3080
Asp Glu Glu Ser Lys Asp Tyr Leu Ser Leu Tyr Leu Leu Leu Val Ser
1 5 10 15

Cys Pro Lys Ser Glu Val Arg Ala Lys Cys Cys Lys Phe Ser Ile Leu
20 25 30

Asn Ala Lys Gly Glu Glu Thr Lys Ala Met Glu Ser Gln Arg Ala Tyr
35 40 45

Arg Phe Val Gln
50

<210> 3081
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W131G"

<400> 3081
Ile Leu Asn Ala Lys Gly Glu Glu Thr Lys Ala Met Glu Ser Gln Arg
1 5 10 15

Ala Tyr Arg Phe Val Gln Gly Lys Asp Gly Gly Gly Phe Lys Lys Phe

```
            20                  25                  30

Ile Arg Arg Asp Phe Leu Leu Asp Glu Ala Asn Gly Leu Leu Pro Asp
        35                  40                  45


Asp Lys Leu Thr
    50


<210> 3082
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.F133I"

<400> 3082
Asn Ala Lys Gly Glu Glu Thr Lys Ala Met Glu Ser Gln Arg Ala Tyr
1               5                   10                  15


Arg Phe Val Gln Gly Lys Asp Trp Gly Ile Ile Lys Lys Phe Ile Arg
            20                  25                  30


Arg Asp Phe Leu Leu Asp Glu Ala Asn Gly Leu Leu Pro Asp Asp Lys
        35                  40                  45


Leu Thr Leu Phe
    50


<210> 3083
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.F133V"

<400> 3083
Asn Ala Lys Gly Glu Glu Thr Lys Ala Met Glu Ser Gln Arg Ala Tyr
1               5                   10                  15


Arg Phe Val Gln Gly Lys Asp Trp Gly Val Val Lys Lys Phe Ile Arg
```

20 25 30

Arg Asp Phe Leu Leu Asp Glu Ala Asn Gly Leu Leu Pro Asp Asp Lys
35 40 45

Leu Thr Leu Phe
50

<210> 3084
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F133C"

<400> 3084
Asn Ala Lys Gly Glu Glu Thr Lys Ala Met Glu Ser Gln Arg Ala Tyr
1 5 10 15

Arg Phe Val Gln Gly Lys Asp Trp Gly Cys Cys Lys Lys Phe Ile Arg
20 25 30

Arg Asp Phe Leu Leu Asp Glu Ala Asn Gly Leu Leu Pro Asp Asp Lys
35 40 45

Leu Thr Leu Phe
50

<210> 3085
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F133L"

<400> 3085
Asn Ala Lys Gly Glu Glu Thr Lys Ala Met Glu Ser Gln Arg Ala Tyr
1 5 10 15

Arg Phe Val Gln Gly Lys Asp Trp Gly Leu Leu Lys Lys Phe Ile Arg

20 25 30

Arg Asp Phe Leu Leu Asp Glu Ala Asn Gly Leu Leu Pro Asp Asp Lys
35 40 45

Leu Thr Leu Phe
50

<210> 3086
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K1732T"

<400> 3086
Glu Lys Leu Lys Glu Ala Tyr Ala Leu Phe Gln Phe Phe Gln Asp Leu
1 5 10 15

Asp Asp Glu Glu Ser Trp Ile Glu Glu Thr Thr Leu Ile Arg Val Ser
20 25 30

Ser Gln Asp Tyr Gly Arg Asp Leu Gln Gly Val Gln Asn Leu Leu Lys
35 40 45

Lys His Lys Arg
50

<210> 3087
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A2011V"

<400> 3087
Pro Glu Ile Thr Asp Leu Lys Asp Lys Leu Ile Ser Ala Gln His Asn
1 5 10 15

Gln Ser Lys Ala Ile Glu Glu Arg Tyr Val Val Ala Leu Leu Lys Arg

20 25 30

Trp Glu Gln Leu Leu Glu Ala Ser Ala Val His Arg Gln Lys Leu Leu
35 40 45

Glu Lys Gln Leu
50

<210> 3088
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D2243Y"

<400> 3088
Asp Leu Gly Asp Asn Leu Glu Asp Ala Leu Ile Leu Asp Ile Lys Tyr
1 5 10 15

Ser Thr Ile Gly Leu Ala Gln Gln Trp Tyr Tyr Gln Leu Tyr Gln Leu
20 25 30

Gly Leu Arg Met Gln His Asn Leu Glu Gln Gln Ile Gln Ala Lys Asp
35 40 45

Ile Lys Gly Val
50

<210> 3089
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G2367C"

<400> 3089
Phe Leu Ile Asp Lys Glu Ser Glu Asn Ile Lys Ser Ser Asp Glu Ile
1 5 10 15

Glu Asn Ala Phe Gln Ala Leu Ala Glu Cys Cys Lys Ser Tyr Ile Thr

20 25 30

Lys Glu Asp Met Lys Gln Ala Leu Thr Pro Glu Gln Val Ser Phe Cys
35 40 45

Ala Thr His Met
50

<210> 3090
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R86C"

<400> 3090
Lys Trp Val Asn Ser His Leu Ala Arg Val Ser Cys Arg Ile Thr Asp
1 5 10 15

Leu Tyr Lys Asp Leu Arg Asp Gly Arg Cys Leu Leu Ile Lys Leu Leu
20 25 30

Glu Val Leu Ser Gly Glu Met Leu Pro Lys Pro Thr Lys Gly Lys Met
35 40 45

Arg Ile His Cys
50

<210> 3091
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T1864I"

<400> 3091
Ala Phe Glu Arg Glu Leu His Leu Leu Gly Val Gln Val Gln Gln Phe
1 5 10 15

Gln Asp Val Ala Thr Arg Leu Gln Thr Ile Val Tyr Ala Gly Glu Lys

20 25 30

Ala Glu Ala Ile Gln Asn Lys Glu Gln Glu Val Ser Ala Ala Trp Gln
35 40 45

Ala Leu Leu Asp
50

<210> 3092
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A1993V"

<400> 3092
Ala Asp Lys Pro Arg Asp Val Ser Ser Val Glu Val Leu Met Asn Tyr
1 5 10 15

His Gln Gly Leu Lys Thr Glu Leu Glu Val Val Arg Val Pro Glu Leu
20 25 30

Thr Thr Cys Gln Glu Leu Gly Arg Ser Leu Leu Leu Asn Lys Ser Ala
35 40 45

Met Ala Asp Glu
50

<210> 3093
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R97K"

<400> 3093
Ile Gly Thr Leu Phe Gly Tyr Leu Arg Asp Phe Leu Arg Asn Trp Gly
1 5 10 15

Ile Glu Lys Cys Asn Ala Ala Val Glu Lys Lys Lys Glu Gln Lys Asp

20 25 30

Phe Val Pro Leu Tyr Gln Asp Phe Glu Asn Phe Tyr Thr Arg Asn Leu
35 40 45

Tyr Met Arg Ile
50

<210> 3094
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P485fs"

<400> 3094
Gly Ser Ser Arg Gly Pro Gly Arg Pro Val Ser Ser Pro His Glu Leu
1 5 10 15

Arg Arg Pro Val Ser Gly Leu Gly Pro Arg Gly Gly Leu Ser Val Ala
20 25 30

Leu Gly Asp Pro
35

<210> 3095
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q1875fs"

<400> 3095
Arg Ser Gly Pro Pro Ser Pro Pro Ser Thr Ala Thr Ser Phe Gly Gly
1 5 10 15

Pro Arg Pro Arg Arg Gln Pro Pro Pro Thr Thr Ser Phe Pro Phe Leu
20 25 30

Ser Gly Leu Pro Gly Gly Lys Ala Glu Ala Ala Ala Val

35 40 45

<210> 3096
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1876fs"

<400> 3096
Arg Ser Gly Pro Pro Ser Pro Pro Ser Thr Ala Thr Ser Phe Gly Gly
1 5 10 15

Pro Arg Pro Arg Arg Gln Pro Pro Pro Thr Thr Ser Phe Pro Phe Leu
20 25 30

Ser Gly Leu Pro Gly Gly Lys Ala Glu Ala Ala Ala Val
35 40 45

<210> 3097
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.P865fs"

<400> 3097
Leu Ser Gln Ser Pro Lys Lys Val Thr Ala Glu Thr Asp Phe Asn Lys
1 5 10 15

Ser Val Asp Phe Glu Met Pro Pro Pro Ala Pro Arg
20 25

<210> 3098
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H763fs"

<400> 3098
Leu Ser Arg Ala Gln Ser Leu Cys Gly Pro Glu His Ser Ala Val Pro
1   5   10   15

Asp Ser Leu Arg Trp Leu Cys His Pro Trp Ala Arg Ser Phe Ser Trp
            20   25   30

Ser Gly Ala Gly Leu
        35

<210> 3099
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T61M"

<400> 3099
Glu Gln Gln Thr Glu Met Arg Val Gln Leu Leu Gln Asp Leu Gln Asp
1   5   10   15

Phe Phe Arg Lys Lys Ala Glu Ile Glu Met Met Glu Tyr Ser Arg Asn
            20   25   30

Leu Glu Lys Leu Ala Glu Arg Phe Met Ala Lys Thr Arg Ser Thr Lys
        35   40   45

Asp His Gln Gln
    50

<210> 3100
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G14S"

<400> 3100
Met Ala Ser Ala Asp Ser Arg Arg Val Ala Asp Gly Gly Ser Ser Ala
1   5   10   15

Gly Gly Thr Phe Gln Pro Tyr Leu Asp Thr Leu Arg Gln Glu Leu Gln
            20   25   30

Gln Thr Asp Pro Thr Leu Leu Ser
        35   40

<210> 3101
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A2257S"

<400> 3101
Ile Pro Ala Ala Ser Ala Ala Ala Met Asn Leu Ala Ser Ala Arg Thr
1   5   10   15

Pro Ala Ile Pro Thr Ala Val Asn Leu Ser Ser Asp Ser Arg Thr Pro
            20   25   30

Ala Ala Ala Ala Ala Met Asn Leu Ala Ser Pro Arg Thr Ala Val Ala
        35   40   45

Pro Ser Ala Val
    50

<210> 3102
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G17fs"

<400> 3102
Met Ser Asn Thr Thr Val Val Pro Ser Thr Ala Gly Pro Gly Pro Ser

1 5 10 15

Gly Gly Ala Arg Trp Arg Arg Trp Trp Trp Arg Arg Arg Arg Arg His
20 25 30

Arg Gly Asn Pro Gly Asp
35

<210> 3103
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S4198fs"

<400> 3103
Pro Arg Gly Gln Gln Ser Arg Phe Arg Ser Ser Thr Ser Gly Ser Trp
1 5 10 15

Ala Pro Glu Cys Arg Glu Glu Gln Ser Arg Ala Ser Pro Ala Leu Ser
20 25 30

Pro Arg Ala His Pro Cys Ala Cys Arg Ala Leu Ala Pro Ala Pro Trp
35 40 45

Gly Thr Ala Gly Cys Arg Gly Ser Ala Ser Gly Ala Pro Ala Pro Arg
50 55 60

Arg Val
65

<210> 3104
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H778Q"

<400> 3104
Lys Thr Leu Lys Ser Leu Met Ala Ala Asn Ser Gln Glu Leu Lys Cys

1 5 10 15

Pro Thr Pro Gly Cys Asp Gly Ser Gly Gln Gln Val Thr Gly Asn Tyr
20 25 30

Ala Ser His Arg Ser Leu Ser Gly Cys Pro Arg Ala Arg Lys Gly Gly
35 40 45

Val Lys Met Thr
50

<210> 3105
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S354N"

<400> 3105
Glu Leu Asn Tyr Ser Leu Val Gln Lys Val Val Thr Arg Phe Pro Pro
1 5 10 15

Val Pro Gln Gln Gln Leu Leu Leu Ala Asn Asn Leu Pro Ala Gly Ser
20 25 30

Leu Arg Cys Ile Thr Cys Ala Val Val Gly Asn Gly Gly Ile Leu Asn
35 40 45

Asn Ser His Met
50

<210> 3106
<211> 61
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1120fs"

<400> 3106
Ala Ser Val Asp Val Ala Asp Leu Leu Ala Thr Asn Gly Val Leu His

1 5 10 15

Ile Leu Ser Gln Val Leu Leu Pro Pro Pro Arg Gly Cys Ala Arg Trp
20 25 30

Ala Gly Val Ala Ala Ala Ala Gly Leu Gly Ala Cys Leu Gln Pro Leu
35 40 45

Pro Gly Ile Ala Ala Ala Pro Trp Val Gly Ala Pro Asp
50 55 60

<210> 3107
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G117W"

<400> 3107
Phe Lys Asp His Phe Phe Lys Lys Pro Lys Phe Cys Asp Val Cys Ala
1 5 10 15

Arg Met Ile Val Leu Asn Asn Lys Phe Trp Trp Leu Arg Cys Lys Asn
20 25 30

Cys Lys Thr Asn Ile His Glu His Cys Gln Ser Tyr Val Glu Met Gln
35 40 45

Arg Cys Phe Gly
50

<210> 3108
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y143H"

<400> 3108
Thr Asp Glu Leu Lys Asn Asp Leu Leu Lys Lys Tyr Asn Val Glu Tyr

1 5 10 15

Gln Glu Tyr Leu Gln Ser Lys Asn Lys His His Lys Ala Glu Ile Leu
20 25 30

Lys Lys Leu Glu His Gln Arg Leu Ile Glu Ala Glu Arg Lys Arg Ile
35 40 45

Ala Gln Met Arg
50

<210> 3109
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G662A"

<400> 3109
Arg Arg Asn Lys Thr Pro Asp Tyr Arg Gly Gln His Val Phe Gly Val
1 5 10 15

Pro Pro Leu Ile His Val Gln Arg Thr Ala Ala Gln Pro Leu Pro Gln
20 25 30

Ser Ile Gln Gln Ala Met Arg Tyr Leu Arg Ser Gln Cys Leu Asp Gln
35 40 45

Val Gly Ile Phe
50

<210> 3110
<211> 65
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P489fs"

<400> 3110
Ala Trp Ala Ser Val Leu Trp Phe Asn Leu Leu Ser Pro Asn Leu Gln

1 5 10 15

Asn Gln Gln Phe Phe Ser Asn Pro Pro Asn Gly Pro Leu Glu Leu Ala
20 25 30

Gly Pro Cys Ser Gln Leu Ala Val Leu Leu Leu Cys Trp Pro Arg Pro
35 40 45

Gln Leu Arg Pro Ala Glu His Ala Glu Lys Gln Ala Val Arg Ala Glu
50 55 60

Leu
65

<210> 3111
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D661V"

<400> 3111
Ser Val Glu Pro Tyr Thr Lys Gln Gln Leu Asn Asn Met Ser Phe Ala
1 5 10 15

Glu Ile Ile Met Gly Tyr Lys Ile Met Val Val Ala Thr Asn Ile Leu
20 25 30

Val Ser Pro Leu Val Tyr Leu Tyr Pro Asp Ile Pro Lys Glu Glu Ala
35 40 45

Phe Gly Lys Tyr
50

<210> 3112
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.P367fs"

<400> 3112
Lys Thr Gln Thr Lys Phe Ala Ala Thr Val Arg Leu Leu Val Gly Gly
1   5   10   15

Lys Leu Asn Val His Met Asn Pro Pro Pro Gly Glu Gly His His His
            20   25   30

Gln

<210> 3113
<211> 91
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P354fs"

<400> 3113
Gln Val Leu Lys Thr Gln Thr Lys Phe Gln Ala Gly Val Arg Phe Leu
1   5   10   15

Leu Gly Leu Arg Phe Leu Gly Ala Pro Ser Gln Ala Ser Ala Gly Gln
            20   25   30

Gly Arg His Gly Asp Arg Glu Ala Gly Ala Gly Ala Glu Cys Ala Ser
        35   40   45

Gly Ser Trp Gly Trp Ser Arg Lys His Trp Arg Asn His Gln Gln His
    50   55   60

Cys Ala Leu Gly Glu Gln His Ser Trp Glu Leu Leu Leu Cys Pro Val
65   70   75   80

Gln Glu Pro Ala Ser Gln Glu Asp Gln Ala Val
                85   90

<210> 3114
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D468H"

<400> 3114
Leu Gly Pro Gly Lys Leu Pro Ile Gln Leu Gln Ala Leu Ser Leu Pro
1   5   10   15

Leu Val Val Ile Val His Gly Asn Gln His His Asn Asn Ala Lys Ala
            20   25   30

Thr Ile Leu Trp Asp Asn Ala Phe Ser Glu Met Asp Arg Val Pro Phe
        35   40   45

Val Val Ala Glu
    50

<210> 3115
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G279fs"

<400> 3115
Glu Gly Asp Asn Ile Tyr Lys Leu Phe Glu Asn Ile Gly Lys Gly Ser
1   5   10   15

Tyr Ala Ile Pro Gly Asp Cys Gly Pro Arg Ser Leu Thr Cys
            20   25   30

<210> 3116
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A155E"

<400> 3116
Pro Leu His Cys Leu His Gly Leu Arg Gly Ile Tyr Ser Gln Leu Glu

1 5 10 15

Thr Leu Ile Cys Ser Arg Ser Leu Gln Glu Glu Leu Glu Glu Leu Leu
20 25 30

Ser Ala Cys Gly Gly Asp Phe Cys Ser Ala Leu Pro Trp Leu Ala Leu
35 40 45

Leu Ser Ala Asn
50

<210> 3117
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D89N"

<400> 3117
Arg Gly Ala Arg Pro Gly Gly Gly Asp Ala Gly Gly Thr Pro Gly Glu
1 5 10 15

Thr Val Arg His Cys Ser Ala Pro Glu Asn Asn Pro Ile Phe Arg Phe
20 25 30

Ser Ser Leu His Ser Tyr Pro Phe Pro Gly Thr Ile Lys Ser Arg Asp
35 40 45

Met Ser Trp Lys
50

<210> 3118
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R18fs"

<400> 3118
Met Gln Lys Trp Phe Ser Ala Phe Asp Asp Ala Ile Ile Gln Arg Gln

1 5 10 15

Trp Arg Gly Lys Pro Leu Pro Gly Arg Gly Arg Cys Glu Leu His Glu
20 25 30

Gly Gly

<210> 3119
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D86Y"

<400> 3119
Val Val Phe Arg Leu Gly Arg Ile Gln Ala Asp Lys Ala Lys Gly Pro
1 5 10 15

Gly Leu Ile Leu Val Leu Pro Cys Ile Tyr Tyr Val Phe Val Lys Val
20 25 30

Asp Leu Arg Thr Val Thr Cys Asn Ile Pro Pro Gln Glu Ile Leu Thr
35 40 45

Arg Asp Ser Val
50

<210> 3120
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N451S"

<400> 3120
Lys Val Thr Lys Glu Gly Lys Phe Val Glu Ser Ala Val Ile Thr Gln
1 5 10 15

Ile Tyr Cys Leu Cys Phe Val Asn Gly Ser Ser Leu Glu Cys Phe Leu

20 25 30

Thr Leu Asn Asp Leu Glu Leu Pro Lys Arg Asp Glu Ser Tyr Tyr Glu
35 40 45

Lys Asp Ser Glu
50

<210> 3121
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q68R"

<400> 3121
Gln Pro Ala Gly Asn Gln Thr Ser Pro Gly Ala Thr Glu Asp Tyr Ser
1 5 10 15

Tyr Gly Ser Trp Tyr Ile Asp Glu Pro Arg Arg Gly Gly Glu Glu Leu
20 25 30

Gln Pro Glu Gly Glu Val Pro Ser Cys His Thr Ser Ile Pro Pro Gly
35 40 45

Leu Tyr His Ala
50

<210> 3122
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R333fs"

<400> 3122
Glu Glu Leu Thr Met Ser Pro Ser Arg Ser Val Ala Asn Ser Gly Leu
1 5 10 15

Ser Asp Ser Leu Thr Thr Ser Thr Pro Gly Pro Pro Thr Val Thr Arg

20 25 30

Pro Pro Thr Pro Thr Thr Glu Pro Ser Pro Pro Thr Ser Thr Thr Leu
35 40 45

Trp Ser Ser Ala Phe Ser Ala Thr Arg Met Pro Gly Pro Val Pro Ala
50 55 60

Pro Ser
65

<210> 3123
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K218N"

<400> 3123
Leu Asp Val Arg Ser Gln Arg Val Arg Ser Leu Leu Gly Leu Ser Asn
1 5 10 15

Ser Glu Pro Asn Gly Ser Val Glu Thr Asn Asn Asn Leu Glu Gln Ile
20 25 30

Leu Asn Gly Gly Glu Ser Pro Lys Gln Lys Gly Gln Glu Ile Lys Arg
35 40 45

Ser Ser Gly Asp
50

<210> 3124
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D583Y"

<400> 3124
Thr Ser Asn Ala Tyr Ser Ser Pro Ser Val Val Leu Ala Ser Tyr Asn

1 5 10 15

His Asp Gly Thr Arg Asn Ile Leu Asp Tyr Tyr Phe Arg Glu Ala Tyr
20 25 30

Phe Trp Leu Arg Gln Asn Thr Asp Glu His Ala Arg Val Met Ser Trp
35 40 45

Trp Asp Tyr Gly
50

<210> 3125
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R107L"

<400> 3125
Lys Lys Thr Ala Asn Lys Ile Arg Ala Lys Leu Lys Ala Ile Glu Gln
1 5 10 15

Ser Phe Asp Gln Asp Glu Ser Gly Asn Leu Leu Thr Ser Val Asp Leu
20 25 30

Arg Ile Arg Arg Thr Gln His Ser Val Leu Ser Arg Lys Phe Val Glu
35 40 45

Ala Met Ala Glu
50

<210> 3126
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K252fs"

<400> 3126
Met Ile Asn Asn Ile Glu Arg Asn Val Met Asn Ala Thr Asp Tyr Val

1 5 10 15

Glu His Ala Lys Glu Glu Thr Lys Lys Leu Ser Asn Ile Arg Ala Arg
20 25 30

Gln Glu Gly Lys Ser Gly
35

<210> 3127
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D92N"

<400> 3127
Gln Phe Glu Gly Ser Thr Ser Phe Val Arg Arg Ser Gln Trp Met Leu
1 5 10 15

Glu Gln Leu Arg Gln Val Asn Gly Ile Asn Asn Pro Asn Gly Asp Ser
20 25 30

Ala Glu Phe Asp Leu Leu Phe Glu Asn Ala Phe Asp Gln Trp Val Ala
35 40 45

Ser Thr Ala Ser
50

<210> 3128
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R85Q"

<400> 3128
Trp Thr Gln Glu Ile Val Glu Leu Ile Gln Asn Glu Gly Asp Val Glu
1 5 10 15

Lys Ser Lys Arg Ala Pro Thr His Gln Gln Gln Phe Pro Phe Leu Glu

20 25 30

Met Lys Ile Pro Ser Leu Gly Ser Gly Leu Glu Gln Ala His Ala Met
35 40 45

Pro Ser Pro Arg
50

<210> 3129
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R77Q"

<400> 3129
Trp Val Ser Glu Ile Val Tyr Met Ile Tyr Lys Glu Gly Asp Val Glu
1 5 10 15

Lys Cys Lys Glu Asp Val Ile Phe Asn Gln Gln Ile Pro Phe Leu Glu
20 25 30

Cys Arg Lys Glu Asn Leu Met Asn Gly Val Lys Gln Leu Asp Glu Met
35 40 45

Asn Ser Pro Arg
50

<210> 3130
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G110E"

<400> 3130
Ile Phe Pro Val Thr Asn Lys Asp Phe Arg Asp Phe Val Arg Glu Lys
1 5 10 15

Lys Tyr Arg Thr Glu Ala Glu Met Phe Glu Glu Trp Ser Phe Val Phe

20 25 30

Glu Asp Phe Val Ser Asp Glu Leu Arg Asn Lys Ala Thr Gln Pro Met
35 40 45

Lys Ser Val Leu
50

<210> 3131
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P339Q"

<400> 3131
Thr Phe Glu Leu Gln His Ala Val Ser Glu Tyr Leu Leu Cys Val Lys
1 5 10 15

Leu Asn Ile Phe Ser Asn Trp Gly His Gln Gln Lys Tyr Thr Cys Leu
20 25 30

Tyr Arg Phe Arg Val His Gly Thr Pro Gly Lys His Ile
35 40 45

<210> 3132
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L124I"

<400> 3132
Leu Arg Met Pro Lys Glu Gln Leu Glu Leu Leu Lys Lys Glu Ser Gln
1 5 10 15

Asn Leu Glu Asn Asn Phe Arg Gln Ile Ile Ile Phe Leu Ile Glu Gln
20 25 30

Ile Asp Val Leu Lys Ala Leu Leu Arg Asp Met Lys Asp Gly Met Asp

35 40 45

Asn Asn His Asn
50

<210> 3133
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E128K"

<400> 3133
Lys Glu Gln Leu Glu Leu Leu Lys Lys Glu Ser Gln Asn Leu Glu Asn
1 5 10 15

Asn Phe Arg Gln Ile Leu Phe Leu Ile Lys Lys Gln Ile Asp Val Leu
20 25 30

Lys Ala Leu Leu Arg Asp Met Lys Asp Gly Met Asp Asn Asn His Asn
35 40 45

Trp Asn Thr His
50

<210> 3134
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A957T"

<400> 3134
Ser Ser Asp Glu Asp Ile Leu Cys Leu Lys Phe His Pro Leu Gln Glu
1 5 10 15

His Val Val Lys Glu Glu Leu Leu Asn Thr Thr Leu Tyr Cys Glu Phe
20 25 30

Ile Asn Arg Val Asn Glu Val Gly Val Asp Val Asn Arg Ala Ile Ala

35 40 45

His Pro Tyr Ser
50

<210> 3135
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R343C"

<400> 3135
Ser Arg Arg Ile Asn Pro Lys Ile Ser Tyr Val Ile Ser Ile Lys Gly
1 5 10 15

Gln Arg Leu Asp Pro Met Glu Ser Val Cys Cys Glu Glu Thr Val Asn
20 25 30

Leu Thr Thr Asp Ser Arg Thr Pro Glu Val Cys Leu Ala Leu Tyr Pro
35 40 45

Gly Thr Asn Tyr
50

<210> 3136
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T513M"

<400> 3136
Tyr Glu Leu Thr Ser Ser Thr Leu Glu Ile Leu Thr Val Asn Thr Val
1 5 10 15

Lys Gln Thr Pro Asn His Ile Pro Ser Met Met Ile Met Ala Thr Thr
20 25 30

Gln Pro Pro Val Glu Thr Thr Val Pro Glu Ile Gln Asp Ser Phe Pro

35 40 45

Tyr Leu Leu Ser
50

<210> 3137
<211> 63
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E138fs"

<400> 3137
Met Ala Asp Gly Ala Pro Leu Ala Gly Val Arg Gly Gly Leu Ser Asp
1 5 10 15

Gly Glu Gly Pro Pro Gly Gly Arg Gly Arg His Asn Asp Gly Lys Asn
20 25 30

Glu Lys Asn Trp Pro Asn Ser Met Lys Pro Ser Tyr Gly Ser Val Ala
35 40 45

Thr Ala Ala Ser Ser Gly His Cys Ile Leu Cys Leu Val Trp Arg
50 55 60

<210> 3138
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P60Q"

<400> 3138
Asp Arg Ala Gln Asp Glu Tyr Thr Gln Arg Ser Tyr Ser Arg Phe Gln
1 5 10 15

Asp Glu Glu Asp Asp Asp Asp Tyr Tyr Gln Gln Ala Gly Glu Thr Tyr
20 25 30

Asn Gly Glu Ala Asn Asp Asp Glu Gly Ser Ser Glu Ala Thr Glu Gly

35 40 45

His Asp Glu Asp
50

<210> 3139
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M93T"

<400> 3139
Glu Lys Gln Thr Arg Ser Lys Tyr Cys Thr Glu Thr Ser Gly Val His
1 5 10 15

Gly Asp Ser Pro Tyr Gly Ser Gly Thr Thr Thr Asp Thr His Ser Leu
20 25 30

Glu Ser Lys Ala Glu Arg Ile Ala Arg Tyr Lys Ala Glu Arg Arg Arg
35 40 45

Gln Leu Ala Glu
50

<210> 3140
<211> 68
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G1862fs"

<400> 3140
Glu Glu Arg Gly Ala Gln Val Gln Val Leu Gln Gly Lys Glu Pro Pro
1 5 10 15

Cys Phe Leu Gln Cys Phe Gln Gly Gly Trp Trp Cys Thr Arg Gly Gly
20 25 30

Gly Lys Arg Lys Lys Lys Met Cys Lys Val Ser Gly Gly Cys Thr Ala

```
        35                  40                  45

Cys Val Glu Arg Cys Pro Trp Lys Gly Ile Cys Trp Lys Trp Pro Val
    50                  55                  60

Thr Val Ala Ala
65
```

<210> 3141
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K474N"

<400> 3141

```
Lys Pro Ser Lys Tyr Ile Lys Asn Ser Asp Lys Gly Asn Arg Asn Asn
1               5                   10                  15

Ser Gln Leu Glu Lys Thr Thr Pro Ser Asn Asn Arg Lys Met Ser Glu
            20                  25                  30

Ala Ser Met Ile Val Ser Gly Ala Asp Arg Tyr Thr Met Arg Ser Pro
        35                  40                  45

Val Leu Phe Ser
    50
```

<210> 3142
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A336G"

<400> 3142

```
His Pro Ala Ser Leu Glu Phe Gln Ala Gln Ile Thr Thr Leu Leu Val
1               5                   10                  15

Asp Leu Gly Thr Pro Gln Ala Glu Ile Gly Gly Arg Asn Met Pro Ser
```

20 25 30

Ser Lys Asp Thr Arg Lys Arg Pro Arg Asp Asp Ser Asp Ser Thr Leu
35 40 45

Lys Lys Met Lys
50

<210> 3143
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A34del"

<400> 3143
Leu Ser Asp Ser Ser Phe Ile Ala Asn Leu Pro Asn Gly Tyr Met Thr
1 5 10 15

Asp Leu Gln Arg Pro Glu Pro Gln Gln Pro Thr Pro Pro Pro Pro Gly
20 25 30

Pro Gly Ala Ala Ser Ala Ala Ala Pro Pro Thr Ala Ser Pro Gly Pro
35 40 45

Glu Arg Thr Pro Pro
50

<210> 3144
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D135Y"

<400> 3144
Cys Cys Glu Thr Thr Phe Ile Glu Asp Arg Ser Pro Thr Lys Asp Ser
1 5 10 15

Leu Glu Tyr Pro Asp Gly Lys Phe Ile Tyr Tyr Leu Ser Ala Asp Asp

20 25 30

Ile Lys Ile His Thr Leu Ser Tyr Asp Val Glu Glu Glu Glu Glu Phe
35 40 45

Gln Glu Leu Glu
50

<210> 3145
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K3103N"

<400> 3145
Glu Ser Arg Arg Leu Asn Ala Gln Ile Leu Ser Gln Arg Ile Glu Lys
1 5 10 15

Ala Lys Cys Leu Cys Asp Glu Ile Ile Asn Asn Lys Leu Asn Glu Asn
20 25 30

Lys Thr Phe Asp Asp Ser Phe Lys Glu Lys Glu Ile Leu Gln Ile Lys
35 40 45

Leu Asn Ala Glu
50

<210> 3146
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R169Q"

<400> 3146
Gln Ala Ala Ile Ala Phe Thr Phe Phe Ser Ile Leu Val Trp Ile Phe
1 5 10 15

Gln Ala Tyr Leu Ala Phe Gln Asp Leu Gln Gln Asn Asp Ala Pro Val

20 25 30

Pro Tyr Lys Arg Phe Leu Asp Glu Gly Gly Met Val Leu Thr Thr Leu
35 40 45

Pro Leu Pro Ser
50

<210> 3147
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I681F"

<400> 3147
Lys Thr Ile Ser Arg Asp Asn Lys Tyr Val Leu Leu Ala Ser Glu Gln
1 5 10 15

Leu Val Gly Val Cys Leu Phe Val Phe Phe Phe Arg Pro Gln His Ala
20 25 30

Pro Phe Ile Arg Asp Val Ala Val Asp Thr Val Lys Thr Gly Met Gly
35 40 45

Gly Ala Thr Gly
50

<210> 3148
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K832T"

<400> 3148
Trp Arg Lys Lys His Pro Phe Asp Lys Thr Ala Gly Glu Leu Asn Leu
1 5 10 15

Leu Asp Ser Asp Leu Asp Val Asp Thr Thr Thr Val Arg His Thr Trp

20 25 30

Ser Pro Gly Ala Leu Gln Tyr Tyr Gly Arg Ala Glu Leu Gln Ala Ser
35 40 45

Asp His Arg Pro
50

<210> 3149
<211> 72
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1111fs"

<400> 3149
His Arg Ser Pro Ser Arg Ser Leu Ser Val Pro Asn Arg Pro Arg Pro
1 5 10 15

Pro Gln Pro Pro Gln Arg Pro Pro Pro Ser Asn Arg Phe Asn Gly Glu
20 25 30

Lys Val Gly Phe Arg Cys Val His Leu Leu Arg His Pro Trp Thr Val
35 40 45

Phe Asn Phe Ala Asp Gly Lys Thr Ser Thr Arg Ser Thr Ser Ala Thr
50 55 60

Ser Gln Gly Ser Asp Trp Asn Lys
65 70

<210> 3150
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R516Q"

<400> 3150
Arg Thr Val Ile Leu Gly Lys Lys Thr Glu Val Lys Ala Thr Arg Glu

1 5 10 15

Gln Glu Arg Asn Arg Pro Glu Thr Ile Gln Gln Thr Lys Pro Glu Glu
20 25 30

Lys Met Phe Asp Ser Lys Glu Lys Ala Ser Glu Glu Arg Asn Leu Arg
35 40 45

Trp Glu Glu Leu
50

<210> 3151
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G619fs"

<400> 3151
Ser Ser His Leu Lys Gly Gln Ala Val Pro Ala Ser Lys Thr Gly Ile
1 5 10 15

Leu Glu Glu Ser Met Ala Arg Arg Gly Gln Pro Gln Ile His Val Tyr
20 25 30

Phe Arg Gly Glu Ala Gln Gly Asp Pro Glu Ser Arg Leu Ala Gly Ser
35 40 45

Gly Thr Asp Ser Gly
50

<210> 3152
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M1fs"

<400> 3152
Trp Leu Arg Ser Pro Pro Ala Gly Lys Asn Leu Met Lys Ser Pro Gln

1 5 10 15

Trp Trp Gly Ser Ser Val His Leu Ala Trp Ser Ser Gln Ser Leu Ser
20 25 30

Leu His Gly Ser Ala Val Arg Glu Asn His Pro Ser Leu Thr Arg Leu
35 40 45

Leu His Thr Ser Leu Cys Met Cys Leu Arg Glu Leu Ile Phe Thr Leu
50 55 60

Lys Thr
65

<210> 3153
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T349M"

<400> 3153
Thr Met Lys Arg Asn Leu Asn Pro Ile Phe Asn Glu Ser Phe Ala Phe
1 5 10 15

Asp Ile Pro Thr Glu Lys Leu Arg Glu Met Met Thr Ile Ile Ile Thr
20 25 30

Val Met Asp Lys Asp Lys Leu Ser Arg Asn Asp Val Ile Gly Lys Ile
35 40 45

Tyr Leu Ser Trp
50

<210> 3154
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.R373W"

<400> 3154
Gly Ala Arg Ala Ser Gly Gln Pro Leu Gln His Trp Ala Asp Met Leu
1   5   10   15

Ala His Ala Arg Arg Pro Ile Ala Gln Trp Trp His Pro Leu Arg Pro
            20   25   30

Ala Arg Glu Val Asp Arg Met Leu Ala Leu Gln Pro Arg Leu Arg Leu
        35   40   45

Arg Leu Pro Leu
    50

<210> 3155
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I440M"

<400> 3155
Phe Pro Ile Asn Gly Leu His Ser His Ser Glu Val Leu Thr Ala Arg
1   5   10   15

Pro Gln Ser Met Glu Asn Ser Pro Thr Met Met Asn Glu Pro Lys Asp
            20   25   30

Lys Ser Ser Glu Leu Thr Arg Leu Glu Ser Val Leu Pro Arg Ser Pro
        35   40   45

Ala Asp Glu Leu
    50

<210> 3156
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R211T"

<400> 3156
His Ile Pro Arg Tyr Ser Thr Asn Pro Ile Thr Val Thr Val Ser Gln
1   5   10   15

Asn Leu Pro Ser Gly Gln Thr Val Pro Thr Thr Ala Leu Gln Ile Leu
            20   25   30

Pro Gln Ile Pro Ser Asn Leu Tyr Gly Ser Pro Gly Ser Ile Tyr Ile
        35   40   45

Arg Gln Thr Ser
    50

<210> 3157
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E67K"

<400> 3157
Ile Gly His His Arg Arg Tyr His Gly Tyr Gln Leu Val Asp Gly Gly
1   5   10   15

Arg Phe Thr Leu Trp Gly Pro Glu Ala Lys Lys Gly Gly Trp Thr Ser
            20   25   30

Arg Glu Glu Gln Leu Leu Leu Asp Ala Ile Glu Gln Phe Gly Phe Gly
        35   40   45

Asn Trp Glu Asp
    50

<210> 3158
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R843W"

<400> 3158
Ser Lys Asp Arg Pro Arg Arg Ile Arg Met Glu Asp Ile Lys Lys Ala
1   5   10   15

Phe Pro Ser His Ser Glu Ser Ser Ile Trp Trp Lys Arg Leu Lys Leu
            20   25   30

Cys Ala Asp Phe Lys Arg Thr Gly Met Asp Ser Asn Trp Trp Val Leu
        35   40   45

Lys Ser Asp Phe
    50

<210> 3159
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R172M"

<400> 3159
His Gly Met Leu Lys Asp Ala Lys Arg Asn Leu Ser Glu Ala Glu Thr
1   5   10   15

Trp Arg His Gly Glu Asn Thr Ser Ser Met Met Glu Ile Leu Ile Asn
            20   25   30

Leu Ile Gln Ala Tyr Lys Gly Leu Leu Gln Tyr Tyr Thr Trp Ser Glu
        35   40   45

Lys Lys Met Glu Leu
    50

<210> 3160
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R292C"

<400> 3160
Gly Ile Glu Ser Trp Pro Asp Tyr Glu Asp Ile Tyr Lys Lys Thr Val
1   5   10   15

Glu Val Gly Thr Phe Leu Asp Leu Pro Cys Cys Phe Pro Asp Ile Thr
            20   25   30

Glu Asp Cys Tyr Leu His Pro Asn Ile Leu Cys Met Lys Tyr Leu Met
        35   40   45

Glu Val Asn Leu
    50

<210> 3161
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K851fs"

<400> 3161
Gln Val Phe Ile Tyr Arg Leu Phe Trp Lys Ser Lys Asp Arg Pro Arg
1   5   10   15

Arg Ile Arg Met Glu Asp Ile Lys Lys Pro Phe Leu Pro Ile Gln Lys
            20   25   30

Ala Ala Ser Gly Arg Gly
        35

<210> 3162
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S130A"

<400> 3162
Arg Gln Ser Lys Leu Arg Glu Ala Glu Glu Ala Leu Arg Arg Glu Ala

1 5 10 15

Gly Leu Leu Glu Glu Ala Val Ala Gly Ala Ala Gly Ala Pro Gly Glu
20 25 30

Val Asp Ser Ala Gly Ala Glu Val Thr Ser Ala Leu Leu Ser Arg Val
35 40 45

Thr Ala Ser Ala
50

<210> 3163
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S380L"

<400> 3163
Leu Asp Ser Pro Gly Lys Ala Ile Arg Gly Pro Gln Gln Pro Ile Trp
1 5 10 15

Lys Pro Phe Pro Asn Gln Asp Ser Asp Leu Leu Val Val Leu Ser Gly
20 25 30

Thr Asp Ser Glu Leu His Ile Pro Arg Val Cys Glu Phe Cys Gln Ala
35 40 45

Val Phe Pro Pro
50

<210> 3164
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.Q899fs"

<400> 3164
Gln Arg Val Glu Glu Glu Leu Leu Ala Leu Gln Thr Gly Arg Ser Glu

1 5 10 15

Arg Ile Arg Ser Leu Leu Glu Arg Gln Gly Pro
20 25

<210> 3165
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L782V"

<400> 3165
Val Leu Thr Glu Leu Ile Asn Leu His Leu Lys Val Gly Trp Lys Arg
1 5 10 15

Gly Asn Pro Ile Trp Arg Val Ile Ser Val Val Leu Lys Asn Ala Ser
20 25 30

Ile Gln His Leu Gln Glu Met Asp Ser Gly Gln Glu Pro Thr Val Gly
35 40 45

Ser Gln Ile Gln
50

<210> 3166
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E199K"

<400> 3166
Arg Gly Ser Glu Leu Pro Val Leu Glu Arg Ile Cys Gln Glu Leu Thr
1 5 10 15

Ala Ala Ala Arg Pro Phe Arg Arg Leu Lys Lys Ala Ser Arg Asp Gln
20 25 30

Leu Arg Gln Leu Phe Lys Asp Asn Pro Phe Lys Leu His Leu Ile Glu

35 40 45

Glu Lys Val Thr
50

<210> 3167
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G366D"

<400> 3167
Lys Gly Pro His Val Arg His Thr Gly Lys Ile Lys Thr Ile Lys Ile
1 5 10 15

Phe Lys Asn Ser Ser Thr Tyr Trp Glu Asp Asp Asn Pro Glu Met Glu
20 25 30

Thr Leu Gln Arg Ile Tyr Gly Ile Ser Phe Pro Asp Asn Lys Met Met
35 40 45

Arg Asp Trp Glu
50

<210> 3168
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R270C"

<400> 3168
Pro Asn Gln Asn Met Thr Ser Glu Glu Arg Gln Arg Leu Val Thr Ile
1 5 10 15

Val Asp Lys Leu Gln Gln Ser Thr Ala Cys Cys Val Val Val Val Phe
20 25 30

Ser Pro Asp Leu Thr Leu Tyr His Phe Phe Asn Glu Val Leu Arg Gln

35 40 45

Asn Phe Thr Gly
50

<210> 3169
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E525K"

<400> 3169
Ser Arg Gln Cys Gln Glu Gly Gln Val Arg Arg Val Lys Gly Phe His
1 5 10 15

Ser Cys Cys Tyr Asp Cys Val Asp Cys Lys Lys Ala Gly Ser Tyr Arg
20 25 30

Gln Asn Pro Asp Asp Ile Ala Cys Thr Phe Cys Gly Gln Asp Glu Trp
35 40 45

Ser Pro Glu Arg
50

<210> 3170
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F183L"

<400> 3170
Lys Phe Phe Ser Gln Asn Ala Thr Ile Gln Lys Glu Asp Thr Leu Ala
1 5 10 15

Ile Gln Ile Phe Ser Phe Val Ala Glu Leu Leu Ser Val Pro Leu Leu
20 25 30

Ile Phe Leu Phe Ala Val Leu Leu Leu Ile Phe Ser Leu Gly Arg His

35 40 45

Thr Arg Gln Met
50

<210> 3171
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q177H"

<400> 3171
Ile Gln Leu Leu Thr Met Glu His Leu Pro Arg Asn Ser Thr Val Thr
1 5 10 15

Asp Lys Leu Glu Asn Phe His Gln Tyr His His Phe Gln Ala His Thr
20 25 30

Val Ala Leu Val Ile Pro Phe Ile Leu Phe Leu Ala Ser Thr Ile Phe
35 40 45

Leu Met Ala Ser
50

<210> 3172
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V231I"

<400> 3172
Gln Ile Gln His His Ser Thr Gly His Cys Asn Pro Ser Met Lys Ala
1 5 10 15

Arg Phe Thr Ala Leu Arg Ser Leu Ala Ile Ile Leu Phe Ile Val Phe
20 25 30

Thr Ser Tyr Phe Leu Thr Ile Leu Ile Thr Ile Ile Gly Thr Leu Phe

35 40 45

Asp Lys Arg Cys
50

<210> 3173
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L236fs"

<400> 3173
His Gly Lys Gly Ser Gln Asp Pro Ser Thr Lys Val His Ile Lys Ala
1 5 10 15

Leu Gln Thr Val Thr Ser Phe Leu Leu Val Met Cys His Leu Leu Ser
20 25 30

Val His Asp His Ile Ser Leu
35

<210> 3174
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I311T"

<400> 3174
Met Ala Ala Cys Pro Ser Gly His Ala Ala Ile Leu Ile Ser Gly Asn
1 5 10 15

Ala Lys Leu Arg Arg Ala Val Met Thr Thr Thr Leu Leu Trp Ala Gln
20 25 30

Ser Ser Leu Lys Val Arg Ala Asp His Lys Ala Asp Ser Arg Thr Leu
35 40 45

Cys

<210> 3175
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A255T"

<400> 3175
Thr Arg Ala Leu Lys Ser Leu Ile Ser Phe Leu Ile Leu Tyr Ala Leu
1 5 10 15

Ser Phe Leu Ser Leu Ile Ile Asp Ala Thr Thr Lys Phe Ile Ser Met
20 25 30

Gln Asn Asp Phe Tyr Trp Pro Trp Gln Ile Ala Val Tyr Leu Cys Ile
35 40 45

Ser Val His Pro
50

<210> 3176
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.W98C"

<400> 3176
Pro Asp Val Tyr Thr Lys Asn Lys Gln Gln Ile Val Ile Phe Thr Phe
1 5 10 15

Trp Thr Phe Ala Asn Tyr Leu Asn Met Cys Cys Ile Thr Thr Cys Leu
20 25 30

Asn Val Phe Tyr Phe Leu Lys Ile Ala Ser Ser Ser His Pro Leu Phe
35 40 45

Leu Trp Leu Lys

50

<210> 3177
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E163Q"

<400> 3177
Phe Leu Ile Ser Leu Ile Ile Ser Val Pro Lys Asn Asp Asp Met Trp
1 5 10 15

Tyr His Leu Phe Lys Val Ser His Glu Gln Gln Asn Ile Thr Trp Lys
20 25 30

Phe Lys Val Ser Lys Ile Pro Gly Thr Phe Lys Gln Leu Thr Leu Asn
35 40 45

Leu Gly Val Met
50

<210> 3178
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R367H"

<400> 3178
Thr Leu Ser Phe Leu Lys Ser Asn Ala Asp Leu Cys Tyr Gly Ala Leu
1 5 10 15

Ala Ala Ile Pro Gly Leu Arg Pro Val His His Pro Ser Gly Ala Met
20 25 30

Tyr Leu Met Val Gly Ile Glu Met Glu His Phe Pro Glu Phe Glu Asn
35 40 45

Asp Val Glu Phe

50

<210> 3179
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S71F"

<400> 3179
Glu Val Arg Arg Leu Ser Arg Gln Ser Thr Arg Lys Glu Pro Val Thr
1 5 10 15

Lys Gln Val Arg Leu Cys Val Ser Pro Phe Phe Gly Leu Arg Cys Glu
20 25 30

Pro Glu Pro Gly Arg Ser Gln Gln Trp Asp Pro Leu Ile Tyr Ser Ser
35 40 45

Ile Phe Glu Cys
50

<210> 3180
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H277R"

<400> 3180
Asp Gly Gly Leu Arg Ser Ser Gly Phe Phe Ser Ser Phe Glu Glu Ser
1 5 10 15

Asp Ile Glu Asn His Leu Ile Ser Gly Arg Arg Asn Ile Val Gln Pro
20 25 30

Thr Asp Ile Glu Glu Asn Arg Thr Met Leu Phe Thr Ile Gly Gln Ser
35 40 45

Glu Val Tyr Leu

50

<210> 3181
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F608Y"

<400> 3181
Pro Asp Val Gly Tyr Val Gln Gly Met Ser Phe Ile Ala Ala Val Leu
1 5 10 15

Ile Leu Asn Leu Glu Glu Ala Asp Ala Tyr Tyr Ile Ala Phe Ala Asn
20 25 30

Leu Leu Asn Lys Pro Cys Gln Leu Ala Phe Phe Arg Val Asp His Ser
35 40 45

Met Met Leu Lys
50

<210> 3182
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R920Q"

<400> 3182
Ile Leu Asp Ala Arg Lys Leu Ile Ser Ile Ser Phe Gly Asp Leu Asn
1 5 10 15

Pro Phe Pro Leu Arg Gln Ile Arg Asn Gln Gln Arg Ala Tyr His Leu
20 25 30

Glu Lys Val Arg Leu Glu Leu Thr Glu Leu Glu Ala Ile Arg Glu Asp
35 40 45

Phe Leu Arg Glu

50

<210> 3183
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P1233T"

<400> 3183
Asp Trp Ala Ile Thr Phe Glu Gln Phe Leu Ala Ser Leu Leu Thr Glu
1 5 10 15

Pro Ala Leu Val Lys Tyr Phe Asp Lys Thr Thr Val Cys Met Met Ala
20 25 30

Arg Ile Thr Ser Ala Lys Asn Ile Arg Met Met Gly Lys Pro Leu Thr
35 40 45

Ser Ala Ser Asp
50

<210> 3184
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R476C"

<400> 3184
Asp Glu Lys Arg Gly Ala Cys Ser Val Gly Thr Asn Val Arg Asp Ala
1 5 10 15

Ala Cys Tyr Val Cys Trp Ala Phe Ala Cys Cys Ala Tyr Glu Pro Gln
20 25 30

Glu Leu Lys Pro Phe Val Thr Ala Ile Ser Ser Ala Leu Val Ile Ala
35 40 45

Ala Val Phe Asp

50

<210> 3185
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N126fs"

<400> 3185
Asp Lys Leu Ala Gln Gln Gln Ala Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10 15

Ala Ala Ser Gln Gln Gly Ser Ala Lys Met Glu Lys Thr Gln Gln Met
20 25 30

Gly Arg Arg Met Glu His Ile Leu
35 40

<210> 3186
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H187Y"

<400> 3186
Arg Tyr Lys Phe His Asn Ser Arg Trp Met Val Ala Gly Lys Ala Asp
1 5 10 15

Pro Glu Met Pro Lys Arg Met Tyr Ile Tyr Tyr Pro Asp Ser Pro Ala
20 25 30

Thr Gly Glu Gln Trp Met Ser Lys Val Val Thr Phe His Lys Leu Lys
35 40 45

Leu Thr Asn Asn
50

<210> 3187

<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S370fs"

<400> 3187
Leu Asp Leu Pro Cys Lys Arg Ser Tyr Leu Glu Ala Pro Ser Ser Val
1 5 10 15

Gly Glu Asp His Tyr Phe Arg Ser Pro Leu Pro Thr Thr Ser Lys Cys
20 25 30

<210> 3188
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E308K"

<400> 3188
Asp Leu Leu Ser Ala Phe Glu Ala Met Thr Ser Gln Ala Asn Pro Glu
1 5 10 15

Ala Leu Ser Ala Pro Ala Leu Gln Glu Lys Lys Ala Ala Phe Pro Gly
20 25 30

Arg Arg Val Asn Ala Lys Met Pro Val Tyr Ser Gly Ser Arg Pro Ala
35 40 45

Cys Gln Leu Gln
50

<210> 3189
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H140P"

<400> 3189
Gly Met Tyr Lys Glu Thr Val Tyr Ser Ala Phe Asn Leu Leu Met His
1   5   10   15

Tyr Pro Pro Pro Ser Gly Ala Gly Gln Pro Pro Pro Gln Pro Gln Pro
            20   25   30

Pro Leu His Lys Ala Asn Gln Pro Pro His Gly Val Pro Gln Leu Ser
        35   40   45

Leu Tyr Glu His
    50

<210> 3190
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E172fs"

<400> 3190
Lys Leu Arg Glu Met Glu Leu Asp Leu His Gln Lys His Val Val Asn
1   5   10   15

Ser Trp Glu Met Gln Lys Glu Glu Lys Asn Ser Lys Lys Pro Pro Gln
            20   25   30

Ser Lys Arg Thr Asn Gly Met Lys Met Asn Met Lys Gly Pro Glu Gly
        35   40   45

Arg Arg
    50

<210> 3191
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K1366del"

<400> 3191
Gly Trp Glu Ser Arg Lys Arg Lys Leu Ser Gly Asp Gln Pro Ala Ala
1   5   10   15

Arg Thr Pro Arg Ser Lys Lys Lys Lys Leu Gly Ala Gly Glu Gly Gly
            20   25   30

Glu Ala Ser Val Ser Pro Glu Lys Thr Ser Thr Thr Ser Lys Gly Lys
        35   40   45

Ala Lys Arg Asp Lys
    50

<210> 3192
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K264R"

<400> 3192
Ala Pro Ala Pro Gly Lys Val Gly Asp Val Thr Pro Gln Val Lys Gly
1   5   10   15

Gly Ala Leu Pro Pro Ala Lys Arg Ala Arg Arg Lys Pro Glu Glu Glu
            20   25   30

Ser Glu Ser Ser Glu Glu Gly Ser Glu Ser Glu Glu Glu Ala Pro Ala
        35   40   45

Gly Thr Arg Ser
    50

<210> 3193
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S127I"

<400> 3193
Pro Glu His Gln Gln Lys Val Leu Asn His Leu Ser Pro Asp Leu Pro
1   5   10   15

Leu Ala Val Thr Ala Asn Leu Ile Asp Ile Ile Glu Asn Tyr Trp Leu
            20   25   30

Arg Cys Cys Met His Arg Trp Pro Val Cys His Val Ala His His Gly
        35   40   45

Gly Ser Trp Lys
    50

<210> 3194
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S74L"

<400> 3194
His Ala Val Leu Lys Glu Glu Leu Ala Asn Ala Glu Tyr Ser Pro Glu
1   5   10   15

Glu Met Pro Gln Leu Thr Lys His Leu Leu Leu Glu Asn Ile Lys Asp
            20   25   30

Lys Leu Lys Glu Met Gly Phe Asp Arg Tyr Lys Met Val Val Gln Val
        35   40   45

Val Ile Gly Glu
    50

<210> 3195
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q197H"

<400> 3195
Arg Val Pro Tyr Asn Arg Arg His Tyr Arg Asp Asn Phe Lys Gly Glu
1   5   10   15

Glu Asn Glu Leu Leu Leu Lys Ser Glu His His Glu Lys Thr Leu Leu
            20   25   30

Glu Leu Val Glu Ala Trp Leu Glu Arg Thr Pro Gly Leu Glu Pro His
        35   40   45

Gly Phe Asn Phe
    50

<210> 3196
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.W276C"

<400> 3196
Cys Leu Ala Glu Tyr His Leu Gly Asp Tyr Gly His Ala Trp Asn Arg
1   5   10   15

Cys Trp Val Leu Asp Arg Val Asp Thr Cys Cys Ala Val Val Met Phe
            20   25   30

Ile Asp Phe Gly Gln Leu Ala Thr Ile Pro Val Gln Ser Leu Arg Ser
        35   40   45

Leu Asp Ser Asp
    50

<210> 3197
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S322L"

<400> 3197
Ser Leu Asp Ser Asp Asp Phe Trp Thr Ile Pro Pro Leu Thr Gln Pro
1   5   10   15

Phe Met Leu Glu Lys Asp Ile Leu Ser Leu Leu Tyr Glu Val Val His
            20   25   30

Arg Ile Leu Lys Gly Lys Ile Thr Gly Ala Leu Asn Ser Ala Val Thr
        35   40   45

Ala Pro Ala Ser
    50

<210> 3198
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P298fs"

<400> 3198
Asp Val Arg Gln Ile Tyr Asp Lys Phe Pro Glu Lys Lys Gly Gly Leu
1   5   10   15

Arg Glu Leu Tyr Asp Arg Gly Pro Pro Pro Cys Leu Leu Pro Gly Gln
            20   25   30

Val Leu Gly Gly Pro Glu Leu Gly Pro Lys Trp
        35   40

<210> 3199
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.L29I"

<400> 3199
Lys Ala Phe Val Leu Leu Ala Ile Phe Ala Glu Ala Ser Ala Lys Ser
1   5   10   15

Cys Ala Pro Asn Lys Ala Asp Val Ile Ile Ile Val Phe Cys Tyr Pro
            20   25   30

Lys Thr Ile Ile Thr Lys Ile Pro Glu Cys Pro Tyr Gly Trp Glu Val
        35   40   45

His Gln Leu Ala
    50

<210> 3200
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.M166I"

<400> 3200
Leu Leu Val Leu Thr Ala Glu Leu Trp Ala Pro Asn Met Cys His Leu
1   5   10   15

Gln Leu Met Glu Thr Phe Leu Ile Leu Ile Ile Met Gly Ser Trp Leu
            20   25   30

Met Gln Ala Gly Phe Ile Leu Tyr Arg Pro Val Ser Gly Tyr Pro Trp
        35   40   45

Gln Asp Asp Asp
    50

<210> 3201
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R401H"

<400> 3201
Leu Leu Glu Arg Ser Ile Met Ala Lys Glu Gly Pro Leu Lys Val Ala
1   5   10   15

Gln Thr Arg Leu Glu Cys Arg Thr Arg His His Pro Asn Met Glu Leu
            20   25   30

Cys Arg Asp Ile Pro Gln Leu Lys Leu Val Asn Glu Val Phe Thr Ile
        35   40   45

Asp Asp Thr Leu
    50

<210> 3202
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T1472S"

<400> 3202
Ala Ala Val Arg Glu Ile Met Glu Asn Arg Tyr Gly Gln Lys Gly Asn
1   5   10   15

Ala Ile Arg Ile Glu Ile Val Val Tyr Ser Ser Gly Lys Glu Gly Lys
            20   25   30

Ser Ser His Gly Cys Pro Ile Ala Lys Trp Val Leu Arg Arg Ser Ser
        35   40   45

Asp Glu Glu Lys
    50

<210> 3203
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.E1652Q"

<400> 3203
Ala Ser Ser Leu Gln Ile Leu Gln Glu Glu Thr Lys Val Cys Leu Asn
1   5   10   15

Ile Leu Pro Leu Phe Val Glu Ala Phe Gln Gln Arg Lys Gln Glu Cys
            20   25   30

Ser Val Glu Gln Ile Leu Ile Ser Arg Glu Leu Leu Val Asp Gln Asn
        35   40   45

Leu Trp Asn Asn
    50

<210> 3204
<211> 162
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G482fs"

<400> 3204
Ser Leu Lys Pro Glu Gln Leu Asp Ile Glu Glu Glu Gly Arg Pro Gly
1   5   10   15

Ala Ala Thr Phe His Val Gly Gly Gly Thr Cys Pro Glu Cys Ser Pro
            20   25   30

Ser Ala Ala Pro Cys Thr Ala Leu Arg Cys Pro Ser Gly Pro Ala Leu
        35   40   45

Ser Gln Arg Pro Pro Gly Gly Pro Gly Arg Pro Leu Pro Pro Gly Ala
    50   55   60

Gly Gly His Ser Asp Gly Gly Gly Gly Gly Gly Gly Gly Arg Thr Val
65   70   75   80

Gly Gly Cys Pro Val Pro Thr Ala Gly Cys Leu Arg Ser Pro Ala Leu
                85   90   95

Phe Ser Val Pro Cys Cys Leu Gln Gly Gln Gln Pro Pro Gln Gln Leu
            100   105   110

Gln His Gly Arg Gly Val Leu Ile Arg Pro His Pro Ser Pro Gly Thr

115 120 125

Phe Pro Pro Arg Lys Gly Gly Pro Val Arg Met Arg Pro Arg Leu Phe
130 135 140

Pro His Pro Pro Met Arg Leu Pro Cys Pro Gly Ile Leu Gly Glu Glu
145 150 155 160

Glu Met

<210> 3205
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A382V"

<400> 3205
Tyr Gln Pro Arg Pro Gly Phe Thr Ser Leu Pro Gly Ser Thr Met Thr
1 5 10 15

Pro Pro Pro Ser Gly Pro Asn Pro Tyr Val Val Arg Asn Arg Pro Pro
20 25 30

Phe Gly Gln Gly Tyr Thr Gln Pro Gly Pro Gly Tyr Arg
35 40 45

<210> 3206
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R206C"

<400> 3206
Arg Thr Cys Asp Ala Phe Thr Tyr Thr Gly Cys Gly Gly Asn Asp Asn
1 5 10 15

Asn Phe Val Ser Arg Glu Asp Cys Lys Cys Cys Ala Cys Ala Lys Ala

20 25 30

Leu Lys Lys Lys Lys Lys Met Pro Lys Leu Arg Phe Ala Ser Arg Ile
35 40 45

Arg Lys Ile Arg
50

<210> 3207
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R222C"

<400> 3207
Asn Phe Val Ser Arg Glu Asp Cys Lys Arg Ala Cys Ala Lys Ala Leu
1 5 10 15

Lys Lys Lys Lys Lys Met Pro Lys Leu Cys Cys Phe Ala Ser Arg Ile
20 25 30

Arg Lys Ile Arg Lys Lys Gln Phe
35 40

<210> 3208
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.S252C"

<400> 3208
Glu Ala Leu Asp Ser Ser Trp Val Ser Arg Gly Pro Asp Lys Leu Leu
1 5 10 15

Pro Tyr Pro Thr Leu Ala Ser Pro Ala Cys Cys Asp
20 25

<210> 3209

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S241L"

<400> 3209
Phe Gly Glu Val Trp Arg Gly Lys Trp Arg Gly Glu Glu Val Ala Val
1 5 10 15

Lys Ile Phe Ser Ser Arg Glu Glu Arg Leu Leu Trp Phe Arg Glu Ala
20 25 30

Glu Ile Tyr Gln Thr Val Met Leu Arg His Glu Asn Ile Leu Gly Phe
35 40 45

Ile Ala Ala Asp
50

<210> 3210
<211> 123
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T358fs"

<400> 3210
Trp Asn Glu Ser Trp Phe Ala Arg Gln Asp Leu Gly Pro Ser Tyr Asn
1 5 10 15

Gly Trp Gln Val Leu Asp Ala Thr Pro Arg Arg Arg Val Lys Val Cys
20 25 30

Ser Gly Ala Ala Gln Pro Gln Ser Pro Pro Ser Ala Arg Val Met Cys
35 40 45

Thr Trp Leu Thr Met Ala Pro Ser Cys Leu Arg Arg Ser Thr Pro Thr
50 55 60

Thr Ser Pro Gly Cys Gly Thr Arg Met Arg Ala Gly Ser Val Tyr Thr

65 70 75 80

Gln Thr Arg Arg Arg Leu Gly Asp Ala Ser Ala Pro Arg Arg Trp Ala
85 90 95

Val Thr Pro Ala Trp Thr Ser Leu Thr Ser Thr Ser Ile Arg Lys Gly
100 105 110

Pro Gly Lys Arg Gly Arg Cys Thr Ala Arg Arg
115 120

<210> 3211
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S1941L"

<400> 3211
Arg Leu Leu Ala Phe Leu Glu Gly Lys Glu Gly Glu Asp Thr Leu Val
1 5 10 15

Leu Ser Val Trp Asp Ser Tyr Ala Glu Leu Leu Arg Gln Leu Thr Leu
20 25 30

Pro Arg Thr Glu Ala Ala Cys
35

<210> 3212
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S287Y"

<400> 3212
Glu Glu Leu Asn Thr Asn Lys Glu Ser Val Ile Ala Ile Phe Val Pro
1 5 10 15

Ala Glu Asn Ser Lys Pro Ser Val Asn Tyr Tyr Phe Ile Ser Ala Gln

20 25 30

Lys Glu Thr Thr Glu Met Glu Asp Thr Asp Ile Glu Asp Ser Leu Tyr
35 40 45

Lys Asp Val Asp
50

<210> 3213
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L17R"

<400> 3213
Met Leu Arg Ser Cys Ala Ala Arg Leu Arg Thr Leu Gly Ala Leu Cys
1 5 10 15

Arg Arg Pro Pro Val Gly Arg Arg Leu Pro Gly Ser Glu Pro Arg Pro
20 25 30

Glu Leu Arg Ser Phe Ser Ser Glu Glu Val Ile
35 40

<210> 3214
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K551R"

<400> 3214
Tyr Lys Ala Val Gln Glu Lys Ser Ser Ser Pro Pro Pro Arg Lys Thr
1 5 10 15

Ser Glu Ser Arg Asp Lys Leu Gly Ala Arg Arg Gly Asp Phe Pro Thr
20 25 30

Gly Lys Ser Ser Phe Ser Ile Thr Arg Glu Ala Gln Val Asn Val Arg

35 40 45

Met Asp Ser Phe
50

<210> 3215
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R90C"

<400> 3215
Val Cys Asp Trp His Ser Asp Leu Phe Gln Trp Glu Val Ser Asp Trp
1 5 10 15

His His Cys Val Leu Val Pro Tyr Ala Cys Cys Gly Glu Val Lys Pro
20 25 30

Arg Thr Ala Glu Cys Val Thr Ala Gln His Gly Leu Gln His Arg Met
35 40 45

Val Arg Cys Ile
50

<210> 3216
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R90H"

<400> 3216
Val Cys Asp Trp His Ser Asp Leu Phe Gln Trp Glu Val Ser Asp Trp
1 5 10 15

His His Cys Val Leu Val Pro Tyr Ala His His Gly Glu Val Lys Pro
20 25 30

Arg Thr Ala Glu Cys Val Thr Ala Gln His Gly Leu Gln His Arg Met

35 40 45

Val Arg Cys Ile
50

<210> 3217
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E126K"

<400> 3217
Val Thr Ala Gln His Gly Leu Gln His Arg Met Val Arg Cys Ile Gln
1 5 10 15

Lys Leu Asn Arg Thr Val Val Ala Asn Lys Lys Ile Cys Glu His Phe
20 25 30

Ala Leu Gln Pro Pro Thr Glu Gln Ala Cys Leu Ile Pro Cys Pro Arg
35 40 45

Asp Cys Val Val
50

<210> 3218
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G247M"

<400> 3218
Gln Leu Ser Thr Cys Gln Arg Ala Asn Ser Leu Gly Asp Leu Tyr Ala
1 5 10 15

Gln Lys Asn Ser Gly Val Thr Ala Asn Met Met Gly Pro Gly Ser Lys
20 25 30

Phe Ala Gly Tyr Cys Arg Asn Leu Val Ser Asp Ile Pro Asn Leu Ala

35 40 45

Asn His Lys Met Pro
50

<210> 3219
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D43E"

<400> 3219
Gly Pro Ser Ala Phe Ala Asn Val Pro Pro Arg Leu Gln His Asp Thr
1 5 10 15

Ser Pro Leu Leu Leu Gly Arg Gly Gln Glu Glu Ala His Leu Gln Leu
20 25 30

Gln Leu Pro Arg Leu Ser Arg Arg His Leu Ser Leu Glu Pro Tyr Leu
35 40 45

Glu Lys Gly Ser
50

<210> 3220
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S312F"

<400> 3220
Val Glu Ser Phe Pro Ala His Pro Glu Val Lys Asn Leu Lys Ser Ile
1 5 10 15

Glu Leu Ala Phe Phe Pro Ser Cys Leu Phe Phe Ser Lys Cys Ile Ala
20 25 30

Met Lys Gln Gly Val Ile Lys Ser Leu Lys Ile Lys Tyr Arg His Cys

35 40 45

Leu Ile Lys Lys
50

<210> 3221
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T152del"

<400> 3221
Val Arg Leu Asn Leu Gln Arg Ala Ser Thr Thr Thr His Arg Thr Ala
1 5 10 15

Thr Thr Thr Thr Arg Arg Thr Thr Thr Ser Pro Thr Thr Thr Arg Gln
20 25 30

Met Thr Thr Thr Pro Ala Ala Leu Pro Thr Thr Val Val Thr Thr Pro
35 40 45

Asp Leu Thr Thr Gly
50

<210> 3222
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K83fs"

<400> 3222
Gly Phe Leu Ser Gly Leu Leu Asp Asn Val Lys Gln Glu Leu Ala Lys
1 5 10 15

Asn Lys Glu Met Lys Glu Ser Ile Lys Asn Ser Val Thr Arg Pro Glu
20 25 30

Gly

<210> 3223
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.A199fs"

<400> 3223
Tyr Gln Ser Lys His Tyr Ala Cys Ile Arg Gln Lys Gly Gly Tyr Cys
1 5 10 15

Ser Trp Tyr Arg Gly Trp Ala Pro Pro Gly
20 25

<210> 3224
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E403K"

<400> 3224
Met Gln Val Arg Glu Asp Phe Phe His Tyr Lys Thr Gly Ile Tyr Arg
1 5 10 15

His Val Thr Ser Thr Asn Lys Glu Ser Lys Lys Lys Tyr Arg Lys Leu
20 25 30

Gln Thr His Ala Val Lys Leu Thr Gly Trp Gly Thr Leu Arg Gly Ala
35 40 45

Gln Gly Gln Lys
50

<210> 3225
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P53Q"

<400> 3225
Cys Ala Gly Leu Asp Tyr Asp Tyr Thr Phe Asp Gly Asn Glu Glu Asp
1 5 10 15

Lys Thr Glu Thr Ile Asp Tyr Lys Asp Gln Gln Cys Lys Ala Ala Val
20 25 30

Phe Trp Gly Asp Ile Ala Leu Asp Asp Glu Asp Leu Asn Ile Phe Gln
35 40 45

Ile Asp Arg Thr
50

<210> 3226
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T153M"

<400> 3226
Val Lys Gly Lys Val Pro Leu Gln Phe Ser Gly Gln Asn Glu Lys Asn
1 5 10 15

Arg Val Pro Arg Ala Ala Thr Ser Arg Met Met Glu Arg Ile Trp Pro
20 25 30

Gly Gly Val Ile Pro Tyr Val Ile Gly Gly Asn Phe Thr Gly Ser Gln
35 40 45

Arg Ala Met Phe
50

<210> 3227
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S872L"

<400> 3227
Leu Gly Arg Phe Cys Gly Ser Lys Lys Pro Asp Pro Thr Val Ala Ser
1 5 10 15

Gly Ser Ser Met Phe Leu Arg Phe Tyr Leu Leu Asp Ala Ser Val Gln
20 25 30

Arg Lys Gly Phe Gln Ala Val His Ser Thr Glu Cys Gly Gly Arg Leu
35 40 45

Lys Ala Glu Val
50

<210> 3228
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S208L"

<400> 3228
Arg Glu Gln Gly Val Asp Glu Asn Glu Thr Leu Leu Leu Arg Arg Lys
1 5 10 15

Phe Phe Tyr Ser Asp Gln Asn Val Asp Leu Leu Arg Asp Pro Val Gln
20 25 30

Leu Asn Leu Leu Tyr Val Gln Ala Arg Asp Asp Ile Leu Asn Gly Ser
35 40 45

His Pro Val Ser
50

<210> 3229
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D327V"

<400> 3229
Arg Val Ile Asp Pro Gly Lys Val Glu Thr Leu Thr Ile Arg Arg Leu
1 5 10 15

His Ile Pro Arg Phe Tyr Leu Phe Tyr Val Val Leu Ser Thr Leu Tyr
20 25 30

Ser Leu Thr Glu Arg Val Lys Arg Ile Thr Val Glu Asn Ser Lys Val
35 40 45

Phe Leu Val Pro
50

<210> 3230
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L498V"

<400> 3230
Leu Glu Val Leu Lys Met Ala Gly Asn Ser Phe Gln Glu Asn Phe Leu
1 5 10 15

Pro Asp Ile Phe Thr Glu Leu Arg Asn Val Val Thr Phe Leu Asp Leu
20 25 30

Ser Gln Cys Gln Leu Glu Gln Leu Ser Pro Thr Ala Phe Asn Ser Leu
35 40 45

Ser Ser Leu Gln
50

<210> 3231
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S15W"

<400> 3231
Met Ser Ala Ser Ala Ala Thr Gly Val Phe Val Leu Ser Leu Trp Trp
1 5 10 15

Ala Ile Pro Val Thr Tyr Val Phe Asn His Leu Ala Ala Gln His Asp
20 25 30

Ser Trp Thr Ile Val Gly Val Ala Ala
35 40

<210> 3232
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R91H"

<400> 3232
Arg Leu Asp Ser Val Glu Ser Val Leu Pro Tyr Glu Tyr Thr Ala Phe
1 5 10 15

Asp Phe Cys Gln Ala Ser Glu Gly Lys His His Pro Ser Glu Asn Leu
20 25 30

Gly Gln Val Leu Phe Gly Glu Arg Ile Glu Pro Ser Pro Tyr Lys Phe
35 40 45

Thr Phe Asn Lys
50

<210> 3233
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R276C"

<400> 3233
Asp Tyr Gly Ser Ser Glu Thr Pro Lys Met Thr Arg Gly Val Leu Ser
1   5   10   15

Arg Thr Ser Ser Ile Gln Pro Ser Phe Cys Cys His Arg Ser Asp Asp
            20   25   30

Pro Val Gly Ser Leu Trp Gly Glu Asn Asp Tyr Pro Glu Gly Ile Glu
        35   40   45

Met Ala Ser Met
    50

<210> 3234
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R110H"

<400> 3234
Glu Gln Thr Ser Arg Asp Gly Asn Val Ala Glu Tyr Leu Lys Leu Val
1   5   10   15

Asn Asn Ala Asp Lys Gln Gln Ala Gly His His Ile Lys Gln Val Phe
            20   25   30

Glu Lys Lys Asn Gln Lys Ser Ala His Ser Ile Ala Gln Leu Gln Lys
        35   40   45

Lys Leu Glu Gln
    50

<210> 3235
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S15fs"

<400> 3235
Met Ser Thr Ser Ser Ser Ser Ser Trp Asp Asn Leu Leu Glu Ser Leu
1   5   10   15

Ser Gln His Ser Met Glu Leu Asp Thr Ser Lys Phe Phe Gly Arg Asp
            20   25   30

<210> 3236
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A110P"

<400> 3236
Ala Glu Leu Leu Leu Leu Arg Gly Gly Ile Arg Glu Gly Ser Leu Asp
1   5   10   15

Leu Gly His Ala Pro Leu Gly Pro Tyr Pro Pro Arg Gly Pro His Tyr
            20   25   30

Asp Ala Gly Phe Thr Leu Leu Val Pro Met Phe Ser Leu Asp Gly Thr
        35   40   45

Glu Leu Gln Leu
    50

<210> 3237
<211> 45
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P299del"

<400> 3237
Phe Pro Pro Pro Ala Leu Ser Leu Glu Leu Gln Pro Pro Pro Pro Gln

1 5 10 15

Arg Asn Ser Val Pro Pro Pro Pro Pro Leu His Gly Pro Pro Gly Arg
20 25 30

Pro His Met Ser Ser Pro Thr Arg Asp Pro Leu Asp Thr
35 40 45

<210> 3238
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1319Q"

<400> 3238
Ala His Ser Pro Leu Glu Gln His Pro Gln Pro Pro Leu Pro Pro Pro
1 5 10 15

Val Pro Gln Pro Gln Glu Pro Gln Pro Gln Gln Arg Leu Ser Pro Ala
20 25 30

Pro Leu Ala His Pro Ser His Pro Glu Arg Ala Ser Ser Ala Arg His
35 40 45

Ser Ser Glu Asp
50

<210> 3239
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R481C"

<400> 3239
Glu Ala Cys Asp Ala Val Phe Val Ala Gly Lys Glu Ser Arg Gly Ala
1 5 10 15

Arg Gly Val Arg Val Asp Phe Trp Trp Cys Cys Arg Leu Arg Ala Ser

20 25 30

Leu Arg Leu Thr Val Trp Ala Pro Leu Leu Pro Leu Arg Ile Glu Leu
35 40 45

Thr Asp Thr Thr
50

<210> 3240
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R578W"

<400> 3240
Gly Asp Ser Glu Glu Glu Glu Asp Asp Glu Arg Arg Gly Arg Gly Cys
1 5 10 15

Thr Leu Gln Tyr Gln His Ala Met Val Trp Trp Val Leu Thr Gln Phe
20 25 30

Val Ala Glu Ala Ala Gly Pro Gly Gly His Leu Ala His Leu Leu Gly
35 40 45

Ser Asp Trp Gln
50

<210> 3241
<211> 99
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P206fs"

<400> 3241
Ser Cys Arg Leu Gln Gly Asp Leu Gly Leu Cys Val Ala Glu Leu Glu
1 5 10 15

Leu Leu Ser Ser Trp Phe Ser Pro Pro Arg Trp Leu Pro Gly Gly Gly

20 25 30

Ser Pro Trp Thr Ser Arg Arg Gly Pro Pro Trp Ser Ser Thr Thr Pro
35 40 45

Cys Thr Gln Gly Val Arg Glu Gly Thr Ala Ser Gly Lys Thr Arg Gly
50 55 60

Glu Ala Met Gly Ser Gly Gln Ala Thr Val Thr Ser Met Ser Pro Gly
65 70 75 80

Pro Pro Cys Arg Gly Ser Gly Ala Ser Ser Phe Ile Arg His Thr Gly
85 90 95

Asn Pro Pro

<210> 3242
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A92V"

<400> 3242
Phe Ile Gly Glu Phe Met Lys Ala Ser Val Asp Val Ala Asp Leu Ile
1 5 10 15

Gly Leu Asn Leu Val Met Ser Arg Asn Val Val Gly Lys Gly Glu Tyr
20 25 30

Lys Ile Met Val Ala Ala Leu Gly Trp Ala Thr Ala Glu Leu Ile Met
35 40 45

Ser Arg Cys Ile
50

<210> 3243
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R81C"

<400> 3243
Ser Phe Val Thr Phe Leu Gln Pro Val Arg Glu Thr Gln Ile Ile Met
1   5   10   15

Arg Ile Phe Leu Asn Pro Ser Asn Phe Cys Cys Asn Phe Thr Arg Thr
            20   25   30

Cys Gln Asp Ile Thr Gly Glu Phe Lys Met Cys Ser Ser Cys Leu Val
        35   40   45

Cys Glu Ser Lys
    50

<210> 3244
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L142P"

<400> 3244
Val Tyr Leu Val Thr Glu Val Tyr Tyr Asn Phe Met Lys Pro Thr Gln
1   5   10   15

Glu Met Asn Ile Ser Leu Val Trp Cys Pro Pro Leu Val Leu Ser Phe
            20   25   30

Ala Ile Lys Val Leu Phe Ser Leu Thr Thr His Tyr Phe Lys Val Glu
        35   40   45

Asp Gly Gly Glu
    50

<210> 3245
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R315Q"

<400> 3245
Lys Asp Tyr Ile Met Asn Pro Pro Leu Gly Lys Glu Ser Ile Pro Leu
1   5   10   15

Met Thr Glu Ala Thr Phe Asp Thr Leu Gln Gln Leu Trp Leu Ile Ile
            20   25   30

Leu Leu Cys Ala Leu Arg Leu Ala Met Met Arg Ser His Leu Gln Ala
        35   40   45

Tyr Leu Asn Leu
    50

<210> 3246
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G331fs"

<400> 3246
Leu Asp Asn Asn Ala Val Asn Leu Phe Ser Ser Val Leu Ile Ala Leu
1   5   10   15

Leu Leu Pro Thr Ala Ala Trp Gly Phe Gly Pro Gly Gly Glu Leu Tyr
            20   25   30

Phe Ile Ser Thr Gly
        35

<210> 3247
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.D140G"

<400> 3247
Leu Phe Leu Ile Gly Ala Phe Leu Ile Ile Ile Gly Ser Leu Leu Leu
1   5   10   15

Ser Gly Tyr Ile Ser Lys Gly Gly Ala Gly Gly Arg Ala Val Pro Val
            20   25   30

Leu Ile Ile Gly Ile Leu Val Phe Leu Pro Gly Phe Tyr His Leu Arg
        35   40   45

Ile Ala Tyr Tyr
    50

<210> 3248
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q128E"

<400> 3248
Glu Met Glu Leu Glu Lys Val Arg Met Glu Phe Glu Leu Thr Arg Leu
1   5   10   15

Lys Tyr Leu His Glu Lys Asn Gln Arg Glu Glu Arg Gln His Glu Val
            20   25   30

Val Met Glu Gln Leu Gln Arg Glu Arg Gln His Glu Val Val Met Glu
        35   40   45

Gln Leu Gln Gln
    50

<210> 3249
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source

<223> /note="p.F156fs"

<400> 3249
Val Val Ser Tyr Phe Pro Asp Lys Val Ala Leu Leu Gln Arg Lys Val
1   5   10   15

Glu Glu Asn Arg Asn Ser Leu Phe Phe Ser Tyr Cys Phe
            20   25

<210> 3250
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F230fs"

<400> 3250
Arg Ile Thr Pro Phe Leu Pro Asn Trp Phe Ile Asn Ile Thr Ser Pro
1   5   10   15

Val Ile Asn Val Pro Leu Lys Val Phe Leu Leu Val Leu Phe
            20   25   30

<210> 3251
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G87S"

<400> 3251
Ala Ser Leu Asp Ile Trp His Cys Glu Ser Thr Leu Ser Ser Asp Trp
1   5   10   15

Gln Ile Ala Thr Leu Ala Leu Leu Leu Ser Ser Gly Ala Ala Ile Ile
            20   25   30

Leu Ile Ala Phe Leu Val Gly Leu Ile Ser Ile Cys Val Gly Ser Arg
        35   40   45

Arg Arg Phe Tyr

50

<210> 3252
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R189Q"

<400> 3252
Met Glu Leu Arg Phe Asn Thr Leu Ala Lys Cys Pro His Cys Lys Lys
1 5 10 15

Ile Ser Ser Val Gly Ser Ala Leu Pro Gln Gln Arg Arg Cys Cys Ala
20 25 30

Tyr Ile Thr Ile Gly Met Ile Cys Ile Phe Ile Gly Val Gly Leu Thr
35 40 45

Val Gly Thr Pro
50

<210> 3253
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K77fs"

<400> 3253
Leu Ile Val Lys Met Ala Gly Arg Cys Lys Ser Gly Phe Asp Pro Arg
1 5 10 15

His Gly Ser His Asn Ile Lys Lys Lys Pro Gly Thr Ser Leu Gln Cys
20 25 30

Tyr Leu Asn
35

<210> 3254

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R63Q"

<400> 3254
Asp Ser Leu Asp Gly Tyr His Ser Phe Glu Cys Gly Ser Ile Asp Pro
1 5 10 15

Leu Thr Gly Ser His Tyr Thr Cys Arg Gln Gln Ser Pro Arg Leu Leu
20 25 30

Thr Asn Gly Tyr Tyr Ile Trp Thr Glu Asp Ser Phe Leu Cys Asp Lys
35 40 45

Asp Gly Asn Ile
50

<210> 3255
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R125Q"

<400> 3255
Cys Asn Cys Cys Ser Gln Glu Leu Glu Thr Ser Phe Thr Tyr Val Asp
1 5 10 15

Lys Asn Ile Asn Leu Glu Gln Arg Asn Gln Gln Ser Ser Pro Ser Ala
20 25 30

Lys Gly His Asn His Pro Gly Glu Leu Gly Trp Glu Asn Pro Asn Glu
35 40 45

Trp Ser Gln Glu
50

<210> 3256

<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P161fs"

<400> 3256
Glu Arg Gln Pro Gln Glu Asp Leu Ile Val Arg Cys Glu Ala Gly Glu
1 5 10 15

Gly Glu Cys Arg Thr Phe Met Pro Pro Pro Gly His Pro Pro Arg Pro
20 25 30

His

<210> 3257
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S288L"

<400> 3257
Ile His Glu Lys Tyr Arg Ser Ala Ala Arg Glu Tyr Asp Ile Ala Val
1 5 10 15

Val Gln Val Ser Ser Arg Val Thr Phe Leu Leu Asp Asp Ile Arg Gln
20 25 30

Ile Cys Leu Pro Glu Ala Ser Ala Ser Phe Gln Pro Asn Leu Thr Val
35 40 45

His Ile Thr Gly
50

<210> 3258
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G259C"

<400> 3258
Phe Thr Thr Tyr Lys Asn Pro Ala Arg Trp Thr Ala Ser Phe Gly Val
1 5 10 15

Thr Ile Lys Pro Ser Lys Met Lys Arg Cys Cys Leu Arg Arg Ile Ile
20 25 30

Val His Glu Lys Tyr Lys His Pro Ser His Asp Tyr Asp Ile Ser Leu
35 40 45

Ala Glu Leu Ser
50

<210> 3259
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R274Q"

<400> 3259
Cys Phe Trp Lys Asn Lys Asp Pro Thr Gln Trp Ile Ala Thr Phe Gly
1 5 10 15

Ala Thr Ile Thr Pro Pro Ala Val Lys Gln Gln Asn Val Arg Lys Ile
20 25 30

Ile Leu His Glu Asn Tyr His Arg Glu Thr Asn Glu Asn Asp Ile Ala
35 40 45

Leu Val Gln Leu
50

<210> 3260
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R16Q"

<400> 3260
Met Gly Glu Asn Asp Pro Pro Ala Val Glu Ala Pro Phe Ser Phe Gln
1 5 10 15

Gln Ser Leu Phe Gly Leu Asp Asp Leu Lys Ile Ser Pro Val Ala Pro
20 25 30

Asp Ala Asp Ala Val Ala Ala Gln Ile Leu
35 40

<210> 3261
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V302I"

<400> 3261
Ile Thr Ser Val Tyr Gly Cys Ser Arg Gln Glu Pro Val Val Glu Val
1 5 10 15

Leu Ala Ser Gly Ala Ile Met Ala Val Ile Ile Trp Lys Lys Gly Leu
20 25 30

His Ser Tyr Tyr Asp Pro Phe Val Leu Ser Val Gln Pro Val Val Phe
35 40 45

Gln Ala Cys Glu
50

<210> 3262
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T409R"

<400> 3262
Arg Thr Gln Leu Pro Ser Thr Glu Asn Ile Val Val Leu Ser Leu Ser
1   5   10   15

Leu Leu Ile Ile Pro Phe Val Pro Ala Arg Arg Asn Leu Phe Phe Tyr
            20   25   30

Val Gly Phe Val Ile Ala Glu Arg Val Leu Tyr Ile Pro Ser Met Gly
        35   40   45

Phe Cys Leu Leu
    50

<210> 3263
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R611C"

<400> 3263
Glu Ala Ala Glu Gln Ser Tyr Arg Thr Ala Ile Lys His Arg Arg Lys
1   5   10   15

Tyr Pro Asp Cys Tyr Tyr Asn Leu Gly Cys Cys Leu Tyr Ala Asp Leu
            20   25   30

Asn Arg His Val Asp Ala Leu Asn Ala Trp Arg Asn Ala Thr Val Leu
        35   40   45

Lys Pro Glu His
    50

<210> 3264
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R151C"

<400> 3264
Ala His Arg Val Ser Gly Ala Leu Ile Arg Pro Leu Pro Ser Gln Gln
1   5   10   15

Met Phe Glu His Met Gln Lys Arg His Cys Cys Val Phe Phe Val Tyr
            20   25   30

Val Gly Gly Glu Ser Pro Leu Lys Glu Lys Tyr Ile Asp Ala Ala Ser
        35   40   45

Glu Leu Ile Val
    50

<210> 3265
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L47F"

<400> 3265
Gly Gly Pro Gln Gly Ser Arg Arg Cys Leu Phe Leu Ser Leu Phe Ser
1   5   10   15

Phe Leu Ile Val Ala Gly Ala Thr Thr Phe Phe Phe Cys Leu Leu His
            20   25   30

Phe Gly Val Ile Gly Pro Gln Arg Glu Glu Phe Pro Arg Asp Leu Ser
        35   40   45

Leu Ile Ser Pro
    50

<210> 3266
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A232T"

<400> 3266
Ser Ala Gly Gln Arg Leu Gly Val His Leu His Thr Glu Ala Arg Ala
1   5   10   15

Arg His Ala Trp Gln Leu Thr Gln Gly Thr Thr Thr Val Leu Gly Leu
            20   25   30

Phe Arg Val Thr Pro Glu Ile Pro Ala Gly Leu Pro Ser Pro Arg Ser
        35   40   45

Glu

<210> 3267
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R73G"

<400> 3267
Leu Arg Ala Arg Leu Ala Ala Leu Glu Gly Asp Ala Ala Pro Ser Leu
1   5   10   15

Val Asp Ala Leu Leu Glu Gln Val Ala Gly Gly Phe Arg Glu Gln Leu
            20   25   30

Arg Arg Gln Glu Gly Gly Ala Ala Glu Ala Gln Met Arg Gln Glu Ile
        35   40   45

Glu Arg Leu Thr
    50

<210> 3268
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A139T"

<400> 3268
Gln Pro Gln His Glu Arg Glu Lys Glu Val Val Leu Leu Arg Arg Ser
1   5   10   15

Met Ala Glu Gly Glu Arg Ala Arg Ala Thr Thr Ser Asp Val Leu Cys
            20   25   30

Arg Ser Leu Ala Asn Glu Thr His Gln Leu Arg Arg Thr Leu Thr Ala
        35   40   45

Thr Ala His Met
    50

<210> 3269
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.P632fs"

<400> 3269
Pro Thr Arg Ala Leu Pro Arg Pro Leu His Pro Thr Pro Val Val Asp
1   5   10   15

Trp Asp Ala Arg Pro Leu Pro Pro Pro Ala Arg Leu
            20   25

<210> 3270
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T619fs"

<400> 3270
His Glu Ala Ala Ala Lys Gly Lys Tyr Glu Ile Cys Lys Leu Leu Leu

1 5 10 15

Gln His Gly Ala Asp Pro Thr Lys Lys Lys Gln Gly Trp Lys Tyr Ser
20 25 30

Phe Gly Ser Cys
35

<210> 3271
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L692I"

<400> 3271
Ser Ala Val Met Asn Ser Gln Gln Ser Val Pro Ala Thr Met Asn Ala
1 5 10 15

Arg Thr Glu Leu Asp Ser Pro Arg Asp Ile Ile Met Val Thr Ala Ser
20 25 30

Ser Glu Thr Ser Ile Ser Leu Ile Trp Thr Lys Ala Ser Gly Pro Ile
35 40 45

Asp His Tyr Arg
50

<210> 3272
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P183S"

<400> 3272
Gly Gln Pro Ser Gln Arg Arg Tyr Val His Tyr Phe Ser Gly Leu Leu
1 5 10 15

Ser Gly Ser Ile Lys Met Asn Asn Lys Ser Ser Leu Phe Leu His His

20 25 30

Val Ile Met His Gly Ile Pro Asn Phe Glu Ser Lys Gly Gly Cys Arg
35 40 45

Pro Phe Leu Arg
50

<210> 3273
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V706fs"

<400> 3273
Glu Glu Pro Pro Ala Ser Ala Cys Pro Gly Gly Cys Gly Pro Arg Glu
1 5 10 15

Leu Cys Arg Ala Gly Gln Cys Val Cys Arg Gly Leu Pro Arg Pro
20 25 30

<210> 3274
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R736L"

<400> 3274
Asn Glu Arg Ser Ile Pro Ser Met Val Asp Gly Leu Lys Pro Gly Gln
1 5 10 15

Arg Lys Val Leu Phe Thr Cys Phe Lys Leu Leu Asn Asp Lys Arg Glu
20 25 30

Val Lys Val Ala Gln Leu Ala Gly Ser Val Ala Glu Met Ser Ser Tyr
35 40 45

His His Gly Glu

50

<210> 3275
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K1199E"

<400> 3275
Phe Ile Glu Glu Leu Glu Ala Val Glu Ala Lys Glu Lys Gln Asp Glu
1 5 10 15

Gln Val Gly Leu Pro Gly Lys Gly Gly Glu Glu Ala Lys Gly Lys Lys
20 25 30

Thr Gln Met Ala Glu Val Leu Pro Ser Pro Arg Gly Gln Arg Val Ile
35 40 45

Pro Arg Ile Thr
50

<210> 3276
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R656H"

<400> 3276
Ile Lys Tyr Tyr Lys Gly Leu Gly Thr Ser Thr Ala Lys Glu Ala Lys
1 5 10 15

Glu Tyr Phe Ala Asp Met Glu Arg His His His Ile Leu Phe Arg Tyr
20 25 30

Ala Gly Pro Glu Asp Asp Ala Ala Ile Thr Leu Ala Phe Ser Lys Lys
35 40 45

Lys Ile Asp Asp

50

<210> 3277
<211> 85
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I1381fs"

<400> 3277
Ile Leu Asp Val Leu Thr Gly Ile Asn Val Gln Gln Arg Arg Leu Ala
1 5 10 15

Leu Ala Ala Met Arg Trp Arg Lys Lys Ser Ser Lys Asp Lys Asn Leu
20 25 30

Ala Leu Leu Arg Glu His Leu Val Gly Gly Arg Leu Phe Tyr Met Trp
35 40 45

Ile Ser Leu Glu Lys Gln Ala Ser Asn Ala Phe Phe Ser Gln Glu Glu
50 55 60

Gln Arg Cys Tyr Leu Val Ile Leu Tyr Leu Tyr Leu Lys Arg Pro His
65 70 75 80

Ile Phe Phe Leu Thr
85

<210> 3278
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G146R"

<400> 3278
Pro Ser Asp Lys Val Gly Arg Ala Asp Ala His Leu Gly Ser Ser Ser
1 5 10 15

Val Ala Leu Pro Lys Glu Ala Ser Asp Arg Arg Thr Gly Ala Ser Gln

20 25 30

Glu Pro Pro Thr Thr Asp Ser Gln Glu Ala Gln Ser Pro Gly His Ser
35 40 45

Ser Ala Gly Gln
50

<210> 3279
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F13L"

<400> 3279
Met Leu Arg Gly Pro Trp Arg Gln Leu Trp Leu Phe Leu Leu Leu Leu
1 5 10 15

Leu Leu Pro Gly Ala Pro Glu Pro Arg Gly Ala Ser Arg Pro Trp Glu
20 25 30

Gly Thr Asp Glu Pro Gly Ser
35

<210> 3280
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S354L"

<400> 3280
Arg Ala Ser Leu Val Ser Lys Ser Tyr Ser Glu Pro Val Asp Val Lys
1 5 10 15

Thr Ser Gln Pro Pro Gln Leu Ile Asn Leu Leu Lys Pro Ser Val Phe
20 25 30

His Gly Pro Ser Gln Ala His Ser Ala Leu Tyr Leu Ser Ser His Tyr

```
        35                  40                  45

His Gln Gln Pro
    50


<210> 3281
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R337L"

<400> 3281
Thr Ser Ser Ser Pro Gln Pro Lys Lys Lys Pro Leu Asp Gly Glu Tyr
1               5                   10                  15


Phe Thr Leu Gln Ile Arg Gly Arg Glu Leu Leu Phe Glu Met Phe Arg
            20                  25                  30


Glu Leu Asn Glu Ala Leu Glu Leu Lys Asp Ala Gln Ala Gly Lys Glu
        35                  40                  45


Pro Gly Gly Ser
    50


<210> 3282
<211> 89
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.P58fs"

<400> 3282
Ser Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met Leu Ser Pro Asp
1               5                   10                  15


Asp Ile Glu Gln Trp Phe Thr Glu Asp Gln Val Gln Met Lys Leu Pro
            20                  25                  30


Glu Cys Gln Arg Leu Leu Pro Pro Trp Pro Leu His Gln Gln Leu Leu
```

35 40 45

His Arg Arg Pro Leu His Gln Pro Pro Pro Gly Pro Cys His Leu Leu
50 55 60

Ser Leu Pro Arg Lys Pro Thr Arg Ala Ala Thr Val Ser Val Trp Ala
65 70 75 80

Ser Cys Ile Leu Gly Gln Pro Ser Leu
85

<210> 3283
<211> 74
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P72fs"

<400> 3283
Asp Asp Ile Glu Gln Trp Phe Thr Glu Asp Pro Gly Pro Asp Glu Ala
1 5 10 15

Pro Arg Met Pro Glu Ala Ala Pro Pro Trp Pro Leu His Gln Gln Leu
20 25 30

Leu His Arg Arg Pro Leu His Gln Pro Pro Pro Gly Pro Cys His Leu
35 40 45

Leu Ser Leu Pro Arg Lys Pro Thr Arg Ala Ala Thr Val Ser Val Trp
50 55 60

Ala Ser Cys Ile Leu Gly Gln Pro Ser Leu
65 70

<210> 3284
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.G105C"

<400> 3284
Pro Thr Pro Ala Ala Pro Ala Pro Ala Pro Ser Trp Pro Leu Ser Ser
1   5   10   15

Ser Val Pro Ser Gln Lys Thr Tyr Gln Cys Cys Ser Tyr Gly Phe Arg
            20   25   30

Leu Gly Phe Leu His Ser Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr
        35   40   45

Ser Pro Ala Leu
    50

<210> 3285
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G108fs"

<400> 3285
Ala Ala Pro Ala Pro Ala Pro Ser Trp Pro Leu Ser Ser Ser Val Pro
1   5   10   15

Ser Gln Lys Thr Tyr Gln Gly Ser Tyr Val Ser Val Trp Ala Ser Cys
            20   25   30

Ile Leu Gly Gln Pro Ser Leu
        35

<210> 3286
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R110fs"

<400> 3286
Pro Ala Pro Ala Pro Ser Trp Pro Leu Ser Ser Ser Val Pro Ser Gln

1 5 10 15

Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Val Trp Ala Ser Cys Ile Leu
20 25 30

Gly Gln Pro Ser Leu
35

<210> 3287
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R110L"

<400> 3287
Pro Ala Pro Ala Pro Ser Trp Pro Leu Ser Ser Ser Val Pro Ser Gln
1 5 10 15

Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Leu Leu Leu Gly Phe Leu His
20 25 30

Ser Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn
35 40 45

Lys Met Phe Cys
50

<210> 3288
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K132N"

<400> 3288
Tyr Gly Phe Arg Leu Gly Phe Leu His Ser Gly Thr Ala Lys Ser Val
1 5 10 15

Thr Cys Thr Tyr Ser Pro Ala Leu Asn Asn Asn Met Phe Cys Gln Leu

20 25 30

Ala Lys Thr Cys Pro Val Gln Leu Trp Val Asp Ser Thr Pro Pro Pro
35 40 45

Gly Thr Arg Val
50

<210> 3289
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K132N"

<400> 3289
Tyr Gly Phe Arg Leu Gly Phe Leu His Ser Gly Thr Ala Lys Ser Val
1 5 10 15

Thr Cys Thr Tyr Ser Pro Ala Leu Asn Asn Asn Met Phe Cys Gln Leu
20 25 30

Ala Lys Thr Cys Pro Val Gln Leu Trp Val Asp Ser Thr Pro Pro Pro
35 40 45

Gly Thr Arg Val
50

<210> 3290
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C141G"

<400> 3290
Ser Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn
1 5 10 15

Lys Met Phe Cys Gln Leu Ala Lys Thr Gly Gly Pro Val Gln Leu Trp

```
            20                  25                  30

Val Asp Ser Thr Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile
        35                  40                  45

Tyr Lys Gln Ser
    50
```

<210> 3291
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C141Y"

<400> 3291

```
Ser Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn
1               5                   10                  15

Lys Met Phe Cys Gln Leu Ala Lys Thr Tyr Tyr Pro Val Gln Leu Trp
            20                  25                  30

Val Asp Ser Thr Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile
        35                  40                  45

Tyr Lys Gln Ser
    50
```

<210> 3292
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V143M"

<400> 3292

```
Thr Ala Lys Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met
1               5                   10                  15

Phe Cys Gln Leu Ala Lys Thr Cys Pro Met Met Gln Leu Trp Val Asp
```

```
            20                  25                  30

Ser Thr Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys
        35                  40                  45

Gln Ser Gln His
    50
```

<210> 3293
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P151T"

<400> 3293

```
Tyr Ser Pro Ala Leu Asn Lys Met Phe Cys Gln Leu Ala Lys Thr Cys
1               5                   10                  15

Pro Val Gln Leu Trp Val Asp Ser Thr Thr Thr Pro Pro Gly Thr Arg
            20                  25                  30

Val Arg Ala Met Ala Ile Tyr Lys Gln Ser Gln His Met Thr Glu Val
        35                  40                  45

Val Arg Arg Cys
    50
```

<210> 3294
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P152fs"

<400> 3294

```
Ser Pro Ala Leu Asn Lys Met Phe Cys Gln Leu Ala Lys Thr Cys Pro
1               5                   10                  15

Val Gln Leu Trp Val Asp Ser Thr Pro Arg Pro Ala Pro Ala Ser Ala
```

20 25 30

Pro Trp Pro Ser Thr Ser Ser His Ser Thr
35 40

<210> 3295
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G154V"

<400> 3295
Ala Leu Asn Lys Met Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln
1 5 10 15

Leu Trp Val Asp Ser Thr Pro Pro Pro Val Val Thr Arg Val Arg Ala
20 25 30

Met Ala Ile Tyr Lys Gln Ser Gln His Met Thr Glu Val Val Arg Arg
35 40 45

Cys Pro His His
50

<210> 3296
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T155N"

<400> 3296
Leu Asn Lys Met Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln Leu
1 5 10 15

Trp Val Asp Ser Thr Pro Pro Pro Gly Asn Asn Arg Val Arg Ala Met
20 25 30

Ala Ile Tyr Lys Gln Ser Gln His Met Thr Glu Val Val Arg Arg Cys

35 40 45

Pro His His Glu
50

<210> 3297
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V157F"

<400> 3297
Lys Met Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp Val
1 5 10 15

Asp Ser Thr Pro Pro Pro Gly Thr Arg Phe Phe Arg Ala Met Ala Ile
20 25 30

Tyr Lys Gln Ser Gln His Met Thr Glu Val Val Arg Arg Cys Pro His
35 40 45

His Glu Arg Cys
50

<210> 3298
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R158H"

<400> 3298
Met Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp Val Asp
1 5 10 15

Ser Thr Pro Pro Pro Gly Thr Arg Val His His Ala Met Ala Ile Tyr
20 25 30

Lys Gln Ser Gln His Met Thr Glu Val Val Arg Arg Cys Pro His His

35 40 45

Glu Arg Cys Ser
50

<210> 3299
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R158L"

<400> 3299
Met Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp Val Asp
1 5 10 15

Ser Thr Pro Pro Pro Gly Thr Arg Val Leu Leu Ala Met Ala Ile Tyr
20 25 30

Lys Gln Ser Gln His Met Thr Glu Val Val Arg Arg Cys Pro His His
35 40 45

Glu Arg Cys Ser
50

<210> 3300
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A159P"

<400> 3300
Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp Val Asp Ser
1 5 10 15

Thr Pro Pro Pro Gly Thr Arg Val Arg Pro Pro Met Ala Ile Tyr Lys
20 25 30

Gln Ser Gln His Met Thr Glu Val Val Arg Arg Cys Pro His His Glu

35 40 45

Arg Cys Ser Asp
50

<210> 3301
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A159V"

<400> 3301
Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp Val Asp Ser
1 5 10 15

Thr Pro Pro Pro Gly Thr Arg Val Arg Val Val Met Ala Ile Tyr Lys
20 25 30

Gln Ser Gln His Met Thr Glu Val Val Arg Arg Cys Pro His His Glu
35 40 45

Arg Cys Ser Asp
50

<210> 3302
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y163C"

<400> 3302
Ala Lys Thr Cys Pro Val Gln Leu Trp Val Asp Ser Thr Pro Pro Pro
1 5 10 15

Gly Thr Arg Val Arg Ala Met Ala Ile Cys Cys Lys Gln Ser Gln His
20 25 30

Met Thr Glu Val Val Arg Arg Cys Pro His His Glu Arg Cys Ser Asp

```
        35                  40                  45

Ser Asp Gly Leu
    50


<210> 3303
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.V173M"

<400> 3303
Asp Ser Thr Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr
1               5                   10                  15


Lys Gln Ser Gln His Met Thr Glu Val Met Met Arg Arg Cys Pro His
            20                  25                  30


His Glu Arg Cys Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu
        35                  40                  45


Ile Arg Val Glu
    50


<210> 3304
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.V173L"

<400> 3304
Asp Ser Thr Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr
1               5                   10                  15


Lys Gln Ser Gln His Met Thr Glu Val Leu Leu Arg Arg Cys Pro His
            20                  25                  30


His Glu Arg Cys Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu
```

35 40 45

Ile Arg Val Glu
50

<210> 3305
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R175G"

<400> 3305
Thr Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys Gln
1 5 10 15

Ser Gln His Met Thr Glu Val Val Arg Gly Gly Cys Pro His His Glu
20 25 30

Arg Cys Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg
35 40 45

Val Glu Gly Asn
50

<210> 3306
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R175C"

<400> 3306
Thr Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys Gln
1 5 10 15

Ser Gln His Met Thr Glu Val Val Arg Cys Cys Cys Pro His His Glu
20 25 30

Arg Cys Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg

35 40 45

Val Glu Gly Asn
50

<210> 3307
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R175H"

<400> 3307
Thr Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys Gln
1 5 10 15

Ser Gln His Met Thr Glu Val Val Arg His His Cys Pro His His Glu
20 25 30

Arg Cys Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg
35 40 45

Val Glu Gly Asn
50

<210> 3308
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C176Y"

<400> 3308
Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys Gln Ser
1 5 10 15

Gln His Met Thr Glu Val Val Arg Arg Tyr Tyr Pro His His Glu Arg
20 25 30

Cys Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val

35 40 45

Glu Gly Asn Leu
50

<210> 3309
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C176F"

<400> 3309
Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys Gln Ser
1 5 10 15

Gln His Met Thr Glu Val Val Arg Arg Phe Phe Pro His His Glu Arg
20 25 30

Cys Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val
35 40 45

Glu Gly Asn Leu
50

<210> 3310
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H179Y"

<400> 3310
Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys Gln Ser Gln His Met
1 5 10 15

Thr Glu Val Val Arg Arg Cys Pro His Tyr Tyr Glu Arg Cys Ser Asp
20 25 30

Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val Glu Gly Asn

35 40 45

Leu Arg Val Glu
50

<210> 3311
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H179R"

<400> 3311
Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys Gln Ser Gln His Met
1 5 10 15

Thr Glu Val Val Arg Arg Cys Pro His Arg Arg Glu Arg Cys Ser Asp
20 25 30

Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val Glu Gly Asn
35 40 45

Leu Arg Val Glu
50

<210> 3312
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H179L"

<400> 3312
Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys Gln Ser Gln His Met
1 5 10 15

Thr Glu Val Val Arg Arg Cys Pro His Leu Leu Glu Arg Cys Ser Asp
20 25 30

Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val Glu Gly Asn

35 40 45

Leu Arg Val Glu
50

<210> 3313
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P191del"

<400> 3313
Ser Gln His Met Thr Glu Val Val Arg Arg Cys Pro His His Glu Arg
1 5 10 15

Cys Ser Asp Ser Asp Gly Leu Ala Pro Gln His Leu Ile Arg Val Glu
20 25 30

Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His
35 40 45

Ser Val Val Val Pro
50

<210> 3314
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H193Y"

<400> 3314
His Met Thr Glu Val Val Arg Arg Cys Pro His His Glu Arg Cys Ser
1 5 10 15

Asp Ser Asp Gly Leu Ala Pro Pro Gln Tyr Tyr Leu Ile Arg Val Glu
20 25 30

Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His

35 40 45

Ser Val Val Val
50

<210> 3315
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H193R"

<400> 3315
His Met Thr Glu Val Val Arg Arg Cys Pro His His Glu Arg Cys Ser
1 5 10 15

Asp Ser Asp Gly Leu Ala Pro Pro Gln Arg Arg Leu Ile Arg Val Glu
20 25 30

Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His
35 40 45

Ser Val Val Val
50

<210> 3316
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H193L"

<400> 3316
His Met Thr Glu Val Val Arg Arg Cys Pro His His Glu Arg Cys Ser
1 5 10 15

Asp Ser Asp Gly Leu Ala Pro Pro Gln Leu Leu Leu Ile Arg Val Glu
20 25 30

Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His

35 40 45

Ser Val Val Val
50

<210> 3317
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L194R"

<400> 3317
Met Thr Glu Val Val Arg Arg Cys Pro His His Glu Arg Cys Ser Asp
1 5 10 15

Ser Asp Gly Leu Ala Pro Pro Gln His Arg Arg Ile Arg Val Glu Gly
20 25 30

Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His Ser
35 40 45

Val Val Val Pro
50

<210> 3318
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I195T"

<400> 3318
Thr Glu Val Val Arg Arg Cys Pro His His Glu Arg Cys Ser Asp Ser
1 5 10 15

Asp Gly Leu Ala Pro Pro Gln His Leu Thr Thr Arg Val Glu Gly Asn
20 25 30

Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His Ser Val

```
        35                  40                  45

Val Val Pro Tyr
    50


<210> 3319
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.R196P"

<400> 3319
Glu Val Val Arg Arg Cys Pro His His Glu Arg Cys Ser Asp Ser Asp
1               5                   10                  15


Gly Leu Ala Pro Pro Gln His Leu Ile Pro Pro Val Glu Gly Asn Leu
            20                  25                  30


Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His Ser Val Val
        35                  40                  45


Val Pro Tyr Glu
    50


<210> 3320
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.G199V"

<400> 3320
Arg Arg Cys Pro His His Glu Arg Cys Ser Asp Ser Asp Gly Leu Ala
1               5                   10                  15


Pro Pro Gln His Leu Ile Arg Val Glu Val Val Asn Leu Arg Val Glu
            20                  25                  30


Tyr Leu Asp Asp Arg Asn Thr Phe Arg His Ser Val Val Val Pro Tyr
```

35 40 45

Glu Pro Pro Glu
50

<210> 3321
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y205C"

<400> 3321
Glu Arg Cys Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile
1 5 10 15

Arg Val Glu Gly Asn Leu Arg Val Glu Cys Cys Leu Asp Asp Arg Asn
20 25 30

Thr Phe Arg His Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly
35 40 45

Ser Asp Cys Thr
50

<210> 3322
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R209fs"

<400> 3322
Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val Glu Gly
1 5 10 15

Asn Leu Arg Val Glu Tyr Leu Asp Asp Lys His Phe Ser Thr
20 25 30

<210> 3323

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H214R"

<400> 3323
Ala Pro Pro Gln His Leu Ile Arg Val Glu Gly Asn Leu Arg Val Glu
1 5 10 15

Tyr Leu Asp Asp Arg Asn Thr Phe Arg Arg Arg Ser Val Val Val Pro
20 25 30

Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn
35 40 45

Tyr Met Cys Asn
50

<210> 3324
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S215I"

<400> 3324
Pro Pro Gln His Leu Ile Arg Val Glu Gly Asn Leu Arg Val Glu Tyr
1 5 10 15

Leu Asp Asp Arg Asn Thr Phe Arg His Ile Ile Val Val Val Pro Tyr
20 25 30

Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr
35 40 45

Met Cys Asn Ser
50

<210> 3325

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S215R"

<400> 3325
Pro Pro Gln His Leu Ile Arg Val Glu Gly Asn Leu Arg Val Glu Tyr
1 5 10 15

Leu Asp Asp Arg Asn Thr Phe Arg His Arg Arg Val Val Val Pro Tyr
20 25 30

Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr
35 40 45

Met Cys Asn Ser
50

<210> 3326
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V216M"

<400> 3326
Pro Gln His Leu Ile Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu
1 5 10 15

Asp Asp Arg Asn Thr Phe Arg His Ser Met Met Val Val Pro Tyr Glu
20 25 30

Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met
35 40 45

Cys Asn Ser Ser
50

<210> 3327

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y220S"

<400> 3327
Ile Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn
1 5 10 15

Thr Phe Arg His Ser Val Val Val Pro Ser Ser Glu Pro Pro Glu Val
20 25 30

Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys Asn Ser Ser
35 40 45

Cys Met Gly Gly
50

<210> 3328
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y220C"

<400> 3328
Ile Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn
1 5 10 15

Thr Phe Arg His Ser Val Val Val Pro Cys Cys Glu Pro Pro Glu Val
20 25 30

Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys Asn Ser Ser
35 40 45

Cys Met Gly Gly
50

<210> 3329

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y234C"

<400> 3329
Arg Asn Thr Phe Arg His Ser Val Val Val Pro Tyr Glu Pro Pro Glu
1 5 10 15

Val Gly Ser Asp Cys Thr Thr Ile His Cys Cys Asn Tyr Met Cys Asn
20 25 30

Ser Ser Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile
35 40 45

Thr Leu Glu Asp
50

<210> 3330
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y236D"

<400> 3330
Thr Phe Arg His Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly
1 5 10 15

Ser Asp Cys Thr Thr Ile His Tyr Asn Asp Asp Met Cys Asn Ser Ser
20 25 30

Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu
35 40 45

Glu Asp Ser Ser
50

<210> 3331

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y236C"

<400> 3331
Thr Phe Arg His Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly
1 5 10 15

Ser Asp Cys Thr Thr Ile His Tyr Asn Cys Cys Met Cys Asn Ser Ser
20 25 30

Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu
35 40 45

Glu Asp Ser Ser
50

<210> 3332
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M237I"

<400> 3332
Phe Arg His Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser
1 5 10 15

Asp Cys Thr Thr Ile His Tyr Asn Tyr Ile Ile Cys Asn Ser Ser Cys
20 25 30

Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu
35 40 45

Asp Ser Ser Gly
50

<210> 3333

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.M237I"

<400> 3333
Phe Arg His Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser
1 5 10 15

Asp Cys Thr Thr Ile His Tyr Asn Tyr Ile Ile Cys Asn Ser Ser Cys
20 25 30

Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu
35 40 45

Asp Ser Ser Gly
50

<210> 3334
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C238Y"

<400> 3334
Arg His Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp
1 5 10 15

Cys Thr Thr Ile His Tyr Asn Tyr Met Tyr Tyr Asn Ser Ser Cys Met
20 25 30

Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp
35 40 45

Ser Ser Gly Asn
50

<210> 3335

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C238F"

<400> 3335
Arg His Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp
1 5 10 15

Cys Thr Thr Ile His Tyr Asn Tyr Met Phe Phe Asn Ser Ser Cys Met
20 25 30

Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp
35 40 45

Ser Ser Gly Asn
50

<210> 3336
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S241Y"

<400> 3336
Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr
1 5 10 15

Ile His Tyr Asn Tyr Met Cys Asn Ser Tyr Tyr Cys Met Gly Gly Met
20 25 30

Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly
35 40 45

Asn Leu Leu Gly
50

<210> 3337

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S241F"

<400> 3337
Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr
1 5 10 15

Ile His Tyr Asn Tyr Met Cys Asn Ser Phe Phe Cys Met Gly Gly Met
20 25 30

Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly
35 40 45

Asn Leu Leu Gly
50

<210> 3338
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.S241fs"

<400> 3338
Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile
1 5 10 15

His Tyr Asn Tyr Met Cys Asn Ser Ser Ala Trp Ala Ala
20 25

<210> 3339
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C242F"

<400> 3339
Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile
1   5   10   15

His Tyr Asn Tyr Met Cys Asn Ser Ser Phe Phe Met Gly Gly Met Asn
            20   25   30

Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn
        35   40   45

Leu Leu Gly Arg
    50

<210> 3340
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G244C"

<400> 3340
Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr
1   5   10   15

Asn Tyr Met Cys Asn Ser Ser Cys Met Cys Cys Gly Met Asn Arg Arg
            20   25   30

Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu
        35   40   45

Gly Arg Asn Ser
    50

<210> 3341
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G244D"

<400> 3341
Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr
1   5   10   15

Asn Tyr Met Cys Asn Ser Ser Cys Met Asp Asp Gly Met Asn Arg Arg
            20   25   30

Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu
        35   40   45

Gly Arg Asn Ser
    50

<210> 3342
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G245S"

<400> 3342
Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn
1   5   10   15

Tyr Met Cys Asn Ser Ser Cys Met Gly Ser Ser Met Asn Arg Arg Pro
            20   25   30

Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly
        35   40   45

Arg Asn Ser Phe
    50

<210> 3343
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G245D"

<400> 3343
Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn
1   5   10   15

Tyr Met Cys Asn Ser Ser Cys Met Gly Asp Asp Met Asn Arg Arg Pro
            20   25   30

Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly
        35   40   45

Arg Asn Ser Phe
    50

<210> 3344
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G245V"

<400> 3344
Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn
1   5   10   15

Tyr Met Cys Asn Ser Ser Cys Met Gly Val Val Met Asn Arg Arg Pro
            20   25   30

Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly
        35   40   45

Arg Asn Ser Phe
    50

<210> 3345
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R248W"

<400> 3345
Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys
1   5   10   15

Asn Ser Ser Cys Met Gly Gly Met Asn Trp Trp Arg Pro Ile Leu Thr
            20   25   30

Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser
        35   40   45

Phe Glu Val Arg
    50

<210> 3346
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R248Q"

<400> 3346
Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys
1   5   10   15

Asn Ser Ser Cys Met Gly Gly Met Asn Gln Gln Arg Pro Ile Leu Thr
            20   25   30

Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser
        35   40   45

Phe Glu Val Arg
    50

<210> 3347
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R248P"

<400> 3347
Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys
1   5   10   15

Asn Ser Ser Cys Met Gly Gly Met Asn Pro Pro Arg Pro Ile Leu Thr
            20   25   30

Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser
        35   40   45

Phe Glu Val Arg
    50

<210> 3348
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R249G"

<400> 3348
Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys Asn
1   5   10   15

Ser Ser Cys Met Gly Gly Met Asn Arg Gly Gly Pro Ile Leu Thr Ile
            20   25   30

Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe
        35   40   45

Glu Val Arg Val
    50

<210> 3349
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R249M"

<400> 3349
Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys Asn
1   5   10   15

Ser Ser Cys Met Gly Gly Met Asn Arg Met Met Pro Ile Leu Thr Ile
            20   25   30

Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe
        35   40   45

Glu Val Arg Val
    50

<210> 3350
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R249S"

<400> 3350
Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys Asn
1   5   10   15

Ser Ser Cys Met Gly Gly Met Asn Arg Ser Ser Pro Ile Leu Thr Ile
            20   25   30

Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe
        35   40   45

Glu Val Arg Val
    50

<210> 3351
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P250L"

<400> 3351
Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys Asn Ser
1   5   10   15

Ser Cys Met Gly Gly Met Asn Arg Arg Leu Leu Ile Leu Thr Ile Ile
            20   25   30

Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe Glu
        35   40   45

Val Arg Val Cys
    50

<210> 3352
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I255F"

<400> 3352
Thr Thr Ile His Tyr Asn Tyr Met Cys Asn Ser Ser Cys Met Gly Gly
1   5   10   15

Met Asn Arg Arg Pro Ile Leu Thr Ile Phe Phe Thr Leu Glu Asp Ser
            20   25   30

Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe Glu Val Arg Val Cys Ala
        35   40   45

Cys Pro Gly Arg
    50

<210> 3353
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D259Y"

<400> 3353
Tyr Asn Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met Asn Arg Arg
1   5   10   15

Pro Ile Leu Thr Ile Ile Thr Leu Glu Tyr Tyr Ser Ser Gly Asn Leu
            20   25   30

Leu Gly Arg Asn Ser Phe Glu Val Arg Val Cys Ala Cys Pro Gly Arg
        35   40   45

Asp Arg Arg Thr
    50

<210> 3354
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G262V"

<400> 3354
Met Cys Asn Ser Ser Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu
1   5   10   15

Thr Ile Ile Thr Leu Glu Asp Ser Ser Val Val Asn Leu Leu Gly Arg
            20   25   30

Asn Ser Phe Glu Val Arg Val Cys Ala Cys Pro Gly Arg Asp Arg Arg
        35   40   45

Thr Glu Glu Glu
    50

<210> 3355
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G266R"

<400> 3355
Ser Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr
1   5   10   15

Leu Glu Asp Ser Ser Gly Asn Leu Leu Arg Arg Arg Asn Ser Phe Glu
            20   25   30

Val Arg Val Cys Ala Cys Pro Gly Arg Asp Arg Arg Thr Glu Glu Glu
        35   40   45

Asn Leu Arg Lys
    50

<210> 3356
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G266E"

<400> 3356
Ser Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr
1   5   10   15

Leu Glu Asp Ser Ser Gly Asn Leu Leu Glu Glu Arg Asn Ser Phe Glu
            20   25   30

Val Arg Val Cys Ala Cys Pro Gly Arg Asp Arg Arg Thr Glu Glu Glu
        35   40   45

Asn Leu Arg Lys
    50

<210> 3357
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G266V"

<400> 3357
Ser Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr
1   5   10   15

Leu Glu Asp Ser Ser Gly Asn Leu Leu Val Val Arg Asn Ser Phe Glu
            20   25   30

Val Arg Val Cys Ala Cys Pro Gly Arg Asp Arg Arg Thr Glu Glu Glu
        35   40   45

Asn Leu Arg Lys
    50

<210> 3358
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R267P"

<400> 3358
Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu
1   5   10   15

Glu Asp Ser Ser Gly Asn Leu Leu Gly Pro Pro Asn Ser Phe Glu Val
            20   25   30

Arg Val Cys Ala Cys Pro Gly Arg Asp Arg Arg Thr Glu Glu Glu Asn
        35   40   45

Leu Arg Lys Lys
    50

<210> 3359
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E271K"

<400> 3359
Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser
1   5   10   15

Gly Asn Leu Leu Gly Arg Asn Ser Phe Lys Lys Val Arg Val Cys Ala
            20   25   30

Cys Pro Gly Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys
        35   40   45

Gly Glu Pro His
    50

<210> 3360
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V272M"

<400> 3360
Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly
1   5   10   15

Asn Leu Leu Gly Arg Asn Ser Phe Glu Met Met Arg Val Cys Ala Cys
            20   25   30

Pro Gly Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys Gly
        35   40   45

Glu Pro His His
    50

<210> 3361
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R273C"

<400> 3361
Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn
1   5   10   15

Leu Leu Gly Arg Asn Ser Phe Glu Val Cys Cys Val Cys Ala Cys Pro
            20   25   30

Gly Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys Gly Glu
        35   40   45

Pro His His Glu
    50

<210> 3362
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R273H"

<400> 3362
Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn
1   5   10   15

Leu Leu Gly Arg Asn Ser Phe Glu Val His His Val Cys Ala Cys Pro
            20   25   30

Gly Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys Gly Glu
        35   40   45

Pro His His Glu
    50

<210> 3363
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R273L"

<400> 3363
Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn
1   5   10   15

Leu Leu Gly Arg Asn Ser Phe Glu Val Leu Leu Val Cys Ala Cys Pro
            20   25   30

Gly Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys Gly Glu
        35   40   45

Pro His His Glu
    50

<210> 3364
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V274F"

<400> 3364
Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu
1   5   10   15

Leu Gly Arg Asn Ser Phe Glu Val Arg Phe Phe Cys Ala Cys Pro Gly
            20   25   30

Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys Gly Glu Pro
        35   40   45

His His Glu Leu
    50

<210> 3365
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.C275Y"

<400> 3365
Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu
1   5   10   15

Gly Arg Asn Ser Phe Glu Val Arg Val Tyr Tyr Ala Cys Pro Gly Arg
            20   25   30

Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys Gly Glu Pro His
        35   40   45

His Glu Leu Pro
    50

<210> 3366
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.C275F"

<400> 3366
Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu
1   5   10   15

Gly Arg Asn Ser Phe Glu Val Arg Val Phe Phe Ala Cys Pro Gly Arg
            20   25   30

Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys Gly Glu Pro His
        35   40   45

His Glu Leu Pro
    50

<210> 3367
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.C277F"

<400> 3367
Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg
1   5   10   15

Asn Ser Phe Glu Val Arg Val Cys Ala Phe Phe Pro Gly Arg Asp Arg
            20   25   30

Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys Gly Glu Pro His His Glu
        35   40   45

Leu Pro Pro Gly
    50

<210> 3368
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P278S"

<400> 3368
Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn
1   5   10   15

Ser Phe Glu Val Arg Val Cys Ala Cys Ser Ser Gly Arg Asp Arg Arg
            20   25   30

Thr Glu Glu Glu Asn Leu Arg Lys Lys Gly Glu Pro His His Glu Leu
        35   40   45

Pro Pro Gly Ser
    50

<210> 3369
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D281N"

<400> 3369
Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe Glu
1   5   10   15

Val Arg Val Cys Ala Cys Pro Gly Arg Asn Asn Arg Arg Thr Glu Glu
            20   25   30

Glu Asn Leu Arg Lys Lys Gly Glu Pro His His Glu Leu Pro Pro Gly
        35   40   45

Ser Thr Lys Arg
    50

<210> 3370
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R282W"

<400> 3370
Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe Glu Val
1   5   10   15

Arg Val Cys Ala Cys Pro Gly Arg Asp Trp Trp Arg Thr Glu Glu Glu
            20   25   30

Asn Leu Arg Lys Lys Gly Glu Pro His His Glu Leu Pro Pro Gly Ser
        35   40   45

Thr Lys Arg Ala
    50

<210> 3371
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E285K"

<400> 3371
Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe Glu Val Arg Val Cys
1   5   10   15

Ala Cys Pro Gly Arg Asp Arg Arg Thr Lys Lys Glu Glu Asn Leu Arg
            20   25   30

Lys Lys Gly Glu Pro His His Glu Leu Pro Pro Gly Ser Thr Lys Arg
        35   40   45

Ala Leu Pro Asn
    50

<210> 3372
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E286K"

<400> 3372
Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe Glu Val Arg Val Cys Ala
1   5   10   15

Cys Pro Gly Arg Asp Arg Arg Thr Glu Lys Lys Glu Asn Leu Arg Lys
            20   25   30

Lys Gly Glu Pro His His Glu Leu Pro Pro Gly Ser Thr Lys Arg Ala
        35   40   45

Leu Pro Asn Asn
    50

<210> 3373
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S315fs"

<400> 3373
Lys Gly Glu Pro His His Glu Leu Pro Pro Gly Ser Thr Lys Arg Ala
1   5   10   15

Leu Pro Asn Asn Thr Ser Ser Ser Pro Ala Lys Glu Glu Thr Thr Gly
            20   25   30

Trp Arg Ile Phe His Pro Ser Asp Pro Trp Ala
        35   40

<210> 3374
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.L174fs"

<400> 3374
Val Leu Ala Arg Met His Asp Glu Asp Leu Ile His Gly Asp Leu Thr
1   5   10   15

Thr Ser Asn Met Leu Leu Lys Pro Pro Trp Asn Ser
            20   25

<210> 3375
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S398T"

<400> 3375
Ala Ala Cys Ala Pro Glu Pro Gly Ile Pro Gly Glu Thr Arg Gly Pro
1   5   10   15

Cys Phe Leu Ala Gly Asp Gly Arg Ala Thr Thr Glu Val Pro Ser Leu

20 25 30

Thr Ala Leu His Thr Leu Trp Leu Arg Glu His Asn Arg Leu Ala Ala
35 40 45

Ala Leu Lys Ala
50

<210> 3376
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E558K"

<400> 3376
Gly Gly Leu Asp Pro Leu Ile Arg Gly Leu Leu Ala Arg Pro Ala Lys
1 5 10 15

Leu Gln Val Gln Asp Gln Leu Met Asn Lys Lys Glu Leu Thr Glu Arg
20 25 30

Leu Phe Val Leu Ser Asn Ser Ser Thr Leu Asp Leu Ala Ser Ile Asn
35 40 45

Leu Gln Arg Gly
50

<210> 3377
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A826T"

<400> 3377
Ala Asp Gly Ala His Pro Pro Cys His Ala Ser Ala Arg Cys Arg Asn
1 5 10 15

Thr Lys Gly Gly Phe Gln Cys Leu Cys Thr Thr Asp Pro Tyr Glu Leu

```
            20                  25                  30

Gly Asp Asp Gly Arg Thr Cys Val Asp Ser Gly Arg Leu Pro Arg Val
        35                  40                  45

Thr Trp Ile Ser
    50
```

<210> 3378
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R30K"

<400> 3378

```
Ala Lys Pro Ala Lys Ala Ala Asn Arg Thr Pro Pro Lys Ser Pro Gly
1               5                   10                  15

Asp Pro Ser Lys Asp Arg Ala Ala Lys Lys Lys Leu Ser Leu Glu Ser
            20                  25                  30

Glu Gly Ala Gly Glu Gly Ala Ala Ala Ser Pro Glu Leu Ser Ala Leu
        35                  40                  45

Glu Glu Ala Phe
    50
```

<210> 3379
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S2155L"

<400> 3379

```
Glu Asp Arg Thr Val Pro Ser Thr Pro Thr Leu Val Val Pro His Arg
1               5                   10                  15

Thr Asp Gly Phe Ala Glu Ala Ile His Leu Leu Pro Gln Val Ala Gly
```

```
            20                  25                  30

Val Pro Arg Phe Arg Phe Gly Pro Pro Glu Asp Met Pro Gln Thr Ser
        35                  40                  45

Ser Ser His Ser
    50
```

<210> 3380
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S200P"

<400> 3380

```
Asn Pro Gly Pro Ile Pro Gly Pro Asn Pro Gly Pro Ile Pro Gly Pro
1               5                   10                  15

Ile Ser Gly Pro Ile Pro Gly Pro Ile Pro Pro Val Pro Ile Pro Gly
            20                  25                  30

Pro Ile Pro Gly Pro Ile Ser Gly Pro Ile Ser Gly Pro Asn Pro Gly
        35                  40                  45

Pro Ile Pro Gly
    50
```

<210> 3381
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S423L"

<400> 3381

```
Ala Gln Val Lys His Leu Tyr Asn Trp Asn Leu Pro Pro Arg Arg Ile
1               5                   10                  15

Leu Phe Ile Lys His Phe Ile Ile Tyr Leu Leu Ile Pro Arg Tyr Val
```

20 25 30

Arg Asp Leu Lys Ile Gln Ile Glu Met Glu Lys Lys Val Val Phe Ser
35 40 45

Thr Ile Ser Leu
50

<210> 3382
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M541I"

<400> 3382
Asp Asn Leu His Lys Gln Lys Ala Arg Arg Ile Tyr Pro Ser Asp Phe
1 5 10 15

Ala Val Glu Ile Leu Phe Gly Glu Lys Ile Ile Thr Ser Ser Asp Val
20 25 30

Val Ala Gly Ser Asp
35

<210> 3383
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R258Q"

<400> 3383
Phe Pro Ser Ser Gly Arg Gln Ser Phe Tyr Arg Asn Pro Ile Glu Glu
1 5 10 15

Val Val Arg Phe Leu Asp Lys Lys His Gln Gln Asn His Tyr Arg Val
20 25 30

Tyr Asn Leu Cys Ser Glu Arg Ala Tyr Asp Pro Lys His Phe His Asn

35 40 45

Arg Val Ser Arg
50

<210> 3384
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S9F"

<400> 3384
Met Glu Ser Ser Lys Lys Met Asp Phe Phe Pro Gly Ala Leu Gln Thr
1 5 10 15

Asn Pro Pro Leu Lys Leu His Thr Asp Arg Ser Ala Gly Thr Pro Val
20 25 30

Phe Val Pro
35

<210> 3385
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R11H"

<400> 3385
Met Ser Ser Gly Lys Ser Ala Arg Tyr Asn His His Phe Ser Gly Gly
1 5 10 15

Pro Ser Asn Leu Pro Thr Pro Asp Val Thr Thr Gly Thr Arg Met Glu
20 25 30

Thr Thr Phe Gly Pro
35

<210> 3386

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D627N"

<400> 3386
Asp Pro Arg Pro Gly Val Val Thr Lys Gly Phe Arg Thr Leu Asp Val
1 5 10 15

Asp Leu Asp Glu Val Tyr Cys Leu Asn Asn Asn Phe Glu Glu Asp Asp
20 25 30

Thr Gly Asp His Ile Ser Leu Pro Arg Leu Ala Thr Ser Thr Pro Val
35 40 45

Gln His Pro Glu
50

<210> 3387
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E41Q"

<400> 3387
His Glu Phe Val Leu Gln Asn His Ala Asp Ile Val Ser Cys Val Ala
1 5 10 15

Met Val Phe Leu Leu Gly Leu Met Phe Gln Gln Ile Thr Ala Lys Ala
20 25 30

Ser Ile Ile Phe Val Thr Leu Gln Tyr Asn Val Thr Leu Pro Ala Thr
35 40 45

Glu Glu Gln Ala
50

<210> 3388

<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R345fs"

<400> 3388
Leu Gln Arg Trp Val Glu Asp Ser Asn Ile Gln Ala Ser Cys Met Lys
1 5 10 15

Lys Lys Arg Ser Arg Ser Ser Lys Lys Glu Gln Lys Thr Glu Trp Glu
20 25 30

Trp Lys Leu Gln Ile Glu
35

<210> 3389
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E846K"

<400> 3389
Tyr Asn Ile Ser Arg Arg Leu Ser Lys Leu Arg Val Leu Pro Trp Ser
1 5 10 15

Ile His Glu Leu Tyr Gly Asp Glu Ile Lys Lys Asp Phe Thr Gln Ala
20 25 30

Glu Leu Ala Leu Leu Met Lys Cys Ile Asn Asp Pro Asn Ser Met Phe
35 40 45

Leu Thr Gly Asp
50

<210> 3390
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K133fs"

<400> 3390
Trp Gln Asn Val Leu Lys Ala His Ser Ser Val Asp Trp Leu Ile Val
1 5 10 15

Ile Val Glu Asn Asp Ala Lys Lys Lys Lys Gln Asn Gln His Pro Ser
20 25 30

Pro Asn Leu Tyr Cys Gly Gln Asn Lys Lys
35 40

<210> 3391
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R568Q"

<400> 3391
Met Asn Glu Ser Pro Asp Pro Glu Pro Asp Cys Asp Ile Leu Ala Val
1 5 10 15

Lys Thr Ala Gln Lys Leu Trp Ala Asp Gln Gln Ile Ser Leu Ala Gly
20 25 30

Ser Asn Ile Phe Thr Ile Gly Val Gln Asp Phe Val Pro Phe Val Gln
35 40 45

Cys Lys Ala Lys
50

<210> 3392
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.*730Y"

<400> 3392
Pro Phe Thr Pro Ala Asp Arg Pro Gly Glu Ser Ser Gly Gln Ala Asn
1   5   10   15

Ser Pro Gly Gln Lys Gln Gln Gly Gln Tyr Tyr Thr His Met Tyr Asp
            20   25   30

Pro Tyr Lys Cys Phe Lys Ile Leu Lys Met
        35   40

<210> 3393
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R396Q"

<400> 3393
Gln Gln Gln Phe Thr Glu Val Ala Asp His Ile Gln Leu Asp Ala Ser
1   5   10   15

Ile Pro Val Thr Phe Thr Lys Asp Asn Gln Gln Val His Ile Gly Pro
            20   25   30

Lys Met Glu Ile Arg Val Val Thr Leu Gly Leu Asp Gly Ala Gly Lys
        35   40   45

Thr Thr Ile Leu
    50

<210> 3394
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R289Q"

<400> 3394
Ile Val Glu Asp Gly Ile Gly Met Ala His Thr Glu His Val Pro Gly
1   5   10   15

Thr Ala Glu Asn Ala Arg Ser Cys Ile Gln Gln Ala Tyr Phe Tyr Asp
            20   25   30

Leu His Glu Thr Leu Cys Arg Gln Glu Glu Met Ala Leu Ser Val Val
        35   40   45

Asp Ala His Val
    50

<210> 3395
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R398L"

<400> 3395
Asn Val Phe Thr Ser Gly Lys His Tyr Trp Glu Val Glu Ser Arg Asp
1   5   10   15

Ser Leu Glu Val Ala Val Gly Val Cys Leu Leu Glu Asp Val Met Gly
            20   25   30

Ile Thr Asp Arg Ser Lys Met Ser Pro Asp Val Gly Ile Trp Ala Ile
        35   40   45

Tyr Trp Ser Ala
    50

<210> 3396
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.Q127K"

<400> 3396
Thr Phe His Lys Gly Arg Leu Arg Ser Ile His Thr Ser Ser Lys Thr
1   5   10   15

Ala Leu Arg Thr Gly Ser Ser Asp Thr Lys Lys Val Asp Glu Val Lys
            20   25   30

Ser Ile Pro Ala Asn Ser His Leu Val Asn His Leu Asn Cys Pro Met
        35   40   45

Cys Ser Arg Leu
    50

<210> 3397
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A93D"

<400> 3397
Cys Phe Glu Cys Ile Lys Thr Ile Gln Gln Arg Asn Leu Lys Thr Asn
1   5   10   15

Ile Arg Leu Lys Lys Met Ala Ser Leu Asp Asp Arg Lys Ala Ser Leu
            20   25   30

Trp Leu Phe Leu Ser Ser Glu Glu Gln Met Cys Gly Ile His Arg Glu
        35   40   45

Thr Lys Lys Met
    50

<210> 3398
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K98N"

<400> 3398
Ser Leu Thr Glu Ile Ala Lys Gln Leu Gln Ile Arg Ser Lys Lys Arg
1   5   10   15

Lys Arg Gln Glu Glu Lys His Val Cys Asn Asn Lys His Asn Gln Val
            20   25   30

Leu Thr Phe Phe Cys Gln Lys Asp Leu Glu Leu Leu Cys Pro Arg Cys
        35   40   45

Ser Leu Ser Thr
    50

<210> 3399
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L332I"

<400> 3399
Met Lys Asn Lys Val Trp Asn Val Ser Leu Lys Thr Phe Val Leu Lys
1   5   10   15

Gly Met Leu Lys Lys Phe Lys Glu Asp Ile Ile Arg Gly Glu Leu Glu
            20   25   30

Lys Glu Glu Lys Val Glu Leu Thr Leu Asp Pro Asp Thr Ala Asn Pro
        35   40   45

Arg Leu Ile Leu
    50

<210> 3400
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R337S"

<400> 3400
Phe Glu Ala Cys Leu Val Ala Gln Cys Asp Ala Leu Ile Asp Ala Leu
1   5   10   15

Asn Arg Arg Lys Ala Gln Leu Leu Ala Ser Ser Val Asn Lys Glu His
            20   25   30

Glu His Lys Leu Lys Val Val Arg Asp Gln Ile Ser His Cys Thr Val
        35   40   45

Lys Leu Arg Gln
    50

<210> 3401
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H399Q"

<400> 3401
Asp Leu Phe Ser Leu Ile Gly Leu Lys Ile Gly Asp Asp Tyr Ser Leu
1   5   10   15

Trp Val Ser Ser Pro Leu Lys Gly Gln Gln Gln Val Arg Glu Pro Val
            20   25   30

Cys Lys Val Gly Val Phe Leu Asp Tyr Glu Ser Gly His Ile Ala Phe
        35   40   45

Tyr Asn Gly Thr
    50

<210> 3402
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R661W"

<400> 3402
Gln Thr Gly Glu Cys Asp Pro Glu Glu Ile Tyr Gln Ala Ala His Gln
1   5   10   15

Leu Glu Asp Arg Ile Gln Asp Phe Val Trp Trp Arg Val Glu Gln Arg
            20   25   30

Lys Ile Leu Leu Asp Met Ser Val Ser Phe His Thr His Val Lys Glu
        35   40   45

Leu Trp Thr Trp
    50

<210> 3403
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H1300R"

<400> 3403
Asp Leu Pro Pro Pro Arg Arg Leu Ala Gln Arg Gln Pro Gly Pro Gln
1   5   10   15

Ala Gln Cys Ser Ser Gly Gly Arg Thr Arg Arg Ser Pro Gly Arg Ala
            20   25   30

Glu Val Glu Arg Leu Phe Gly Gln Glu Arg Arg Lys Ser Glu Ala Ala
        35   40   45

Gly Ala Phe Gln
    50

<210> 3404
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K541fs"

<400> 3404
Asp Gln Leu Ser Lys Gln Gln Asn Glu Gly Asp Ser Ile Ile Ser Lys
1   5   10   15

Leu Lys Gln Asp Leu Asn Asp Glu Lys Arg Glu Phe Ile Asn Leu Lys
            20   25   30

Met Ile Lys Trp Thr Leu Leu Lys Ser
        35   40

<210> 3405
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.L1775P"

<400> 3405
Lys Leu Met Ala Lys Ala Ile Met Asp Phe Arg Leu Val Asp Leu Pro
1   5   10   15

Leu Gly Leu Pro Phe Tyr Lys Trp Met Pro Pro Arg Gln Glu Thr Ser
            20   25   30

Leu Thr Ser His Asp Leu Phe Asp Ile Asp Pro Val Val Ala Arg Ser
        35   40   45

Val Tyr His Leu
    50

<210> 3406
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S244I"

<400> 3406
Ala Leu Ala Ala Arg Gly Phe Ser Glu Leu Ser Thr Leu Glu Val Leu

1 5 10 15

Pro Gln Val Tyr Asn Val Arg Thr Val Ile Ile Leu Pro Pro Pro Asp
20 25 30

Leu Gly Thr Gly Thr Asp Gly Pro Ala Gly Ser Asp Thr Ser Pro Phe
35 40 45

Arg Ser Gly Thr
50

<210> 3407
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K54N"

<400> 3407
Thr Glu Asp Phe Lys Glu Ser Leu Lys Val Val Phe Glu Gly Ser Ala
1 5 10 15

Tyr Gly Leu Gln Asn Phe Asn Lys Gln Asn Asn Lys Leu Lys Arg Cys
20 25 30

Asp Asp Met Asp Thr Phe Phe Leu His Tyr Ala Ala Ala Glu Gly Gln
35 40 45

Ile Glu Leu Met
50

<210> 3408
<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T673fs"

<400> 3408
Asp Lys Ser Cys Arg Asp Tyr Tyr Ile Glu Tyr Asn Phe Lys Tyr Leu

1 5 10 15

Gln Cys Pro Leu Glu Phe Thr Lys Lys His Leu His Arg Met Leu Tyr
20 25 30

Met Asn Arg Leu Gln Pro Ser Thr Gln Trp Tyr Lys Ile Thr Ala
35 40 45

<210> 3409
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S490L"

<400> 3409
Pro Arg Glu Glu Trp Glu Met Trp His Pro Thr Leu Ile Ala Glu Ala
1 5 10 15

Leu Phe Ala Ile Ser Asn Ile Leu Ser Leu Leu Leu Arg Leu Ile Ser
20 25 30

Leu Phe Thr Ala Asn Ser His Leu Gly Pro Leu Gln Ile Ser Leu Gly
35 40 45

Arg Met Leu Leu
50

<210> 3410
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R429W"

<400> 3410
Thr Arg Thr Gln Ala Gln His Leu Phe Ile Ile Leu Met Glu Cys Met
1 5 10 15

Lys Lys Lys Glu Leu Ile Thr Val Phe Trp Trp Met Gly Ser Glu Gly

20 25 30

His Gln Asp Ile Asp Leu Ala Ile Leu Thr Ala Leu Leu Lys Gly Ala
35 40 45

Asn Ala Ser Ala
50

<210> 3411
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G298W"

<400> 3411
Gln Thr Met Ser Asn Pro Met Ser Lys Leu Thr Val Leu Asn Ser Met
1 5 10 15

His Ser His Phe Ile Leu Ala Asp Asn Trp Trp Thr Thr Gly Lys Tyr
20 25 30

Gly Ala Glu Val Lys Leu Arg Arg Gln Leu Glu Lys His Ile Ser Leu
35 40 45

Gln Lys Ile Asn
50

<210> 3412
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R995H"

<400> 3412
Ile Ala Lys Met Thr Ala Asn Met Phe Tyr Ile Val Ile Ile Met Ala
1 5 10 15

Ile Val Leu Leu Ser Phe Gly Val Ala His His Lys Ala Ile Leu Ser

20 25 30

Pro Lys Glu Pro Pro Ser Trp Ser Leu Ala Arg Asp Ile Val Phe Glu
35 40 45

Pro Tyr Trp Met
50

<210> 3413
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R843Q"

<400> 3413
Val Arg Ile Leu Asp Ser Asn Glu Gly Lys Asn Glu Met Glu Ile Gln
1 5 10 15

Met Lys Ser Lys Lys Leu Pro Ile Thr Gln Gln Lys Phe Tyr Ala Phe
20 25 30

Tyr His Ala Pro Ile Val Lys Phe Trp Phe Asn Thr Leu Ala Tyr Leu
35 40 45

Gly Phe Leu Met
50

<210> 3414
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1862C"

<400> 3414
Pro Gln Asp Glu Pro Ser Asp Leu Asn Leu Gln Pro Gly Asn Ser Thr
1 5 10 15

Lys Glu Ser Glu Ser Thr Asn Ser Val Cys Cys Leu Met Leu

20 25 30

<210> 3415
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H765fs"

<400> 3415
Val Phe Tyr Ile Ala Phe Leu Leu Leu Phe Ala Tyr Val Leu Leu Met
1 5 10 15

Asp Phe His Ser Val Pro His Pro Pro Arg Ala Gly Pro Val Leu Ala
20 25 30

Gly Leu Cys Pro Leu Leu
35

<210> 3416
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1125W"

<400> 3416
Ile Glu Lys Tyr Gln Tyr Pro Leu Phe Gly Leu Pro Phe Val His Asn
1 5 10 15

Asp Phe Gln Ser Glu Ala Asp Trp Leu Trp Trp Phe Trp Ser Lys Tyr
20 25 30

Lys Leu Ser Val Pro Gly Asn Pro His Tyr Leu Ser His Val Pro Gly
35 40 45

Leu Pro Asn Pro
50

<210> 3417

<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L627del"

<400> 3417
Lys Phe Thr Ile Gly Met Gly Glu Leu Ala Phe Gln Glu Gln Leu His
1 5 10 15

Phe Arg Gly Met Val Leu Leu Leu Leu Ala Tyr Val Leu Leu Thr Tyr
20 25 30

Ile Leu Leu Leu Asn Met Leu Ile Ala Leu Met Ser Glu Thr Val Asn
35 40 45

Ser Val Ala Thr Asp
50

<210> 3418
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A218E"

<400> 3418
Phe Ala Glu Glu Asn Asp Ile Leu Gly Arg Phe Ile Asn Ala Glu Tyr
1 5 10 15

Thr Glu Glu Ala Tyr Glu Gly Gln Thr Glu Glu Leu Asn Ile Ala Ile
20 25 30

Glu Arg Arg Gln Gly Asp Ile Ala Ala Leu Leu Ile Ala Ala Gly Ala
35 40 45

Asp Val Asn Ala
50

<210> 3419

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R492H"

<400> 3419
Tyr Phe Thr Arg Gly Phe Gln Met Leu Gly Pro Phe Thr Ile Met Ile
1 5 10 15

Gln Lys Met Ile Phe Gly Asp Leu Met His His Phe Cys Trp Leu Met
20 25 30

Ala Val Val Ile Leu Gly Phe Ala Ser Ala Phe Tyr Ile Ile Phe Gln
35 40 45

Thr Glu Asp Pro
50

<210> 3420
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R3515W"

<400> 3420
Thr His Tyr Tyr Ile Lys Ile Ala Arg Phe Met Pro Arg Val Glu Ile
1 5 10 15

Val Gln Lys His Asn Thr Ala Ala Arg Trp Trp Leu Tyr Ile Arg Gly
20 25 30

His Asn Gly Lys Ile Tyr Pro Tyr Leu Val Met Asn Asp Ala Cys Leu
35 40 45

Thr Glu Ser Arg
50

<210> 3421

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A973S"

<400> 3421
Asp Cys Leu Lys Ser Ala Asn Thr Glu Pro Tyr Tyr Arg Arg Gln Ala
1 5 10 15

Trp Glu Val Ile Lys Cys Phe Leu Val Ser Ser Met Met Ser Leu Glu
20 25 30

Asp Asn Lys His Ala Leu Tyr Gln Leu Leu Ala His Pro Asn Phe Thr
35 40 45

Glu Lys Thr Ile
50

<210> 3422
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G378C"

<400> 3422
Cys Gly Met Thr Thr Pro Pro Thr Ser Pro Gly Asn Val Pro Pro Asp
1 5 10 15

Leu Ser His Pro Tyr Ser Lys Val Phe Cys Cys Thr Thr Ala Gly Gly
20 25 30

Lys Gly Thr Pro Leu Gly Thr Pro Ala Thr Ser Pro Pro Pro Ala Pro
35 40 45

Leu Cys His Ser
50

<210> 3423

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A419T"

<400> 3423
Ala Gln Pro Ser Ser Thr Gly Ala Ala Ala Ser Pro Ala Thr Ala Ala
1 5 10 15

Thr Leu Pro Val Gly Thr Gly Gln Asn Thr Thr Ser Ser Val Gly Ala
20 25 30

Gln Leu Met Gly Ala Ser Ser Gln Pro Ser Glu Ala Met Ala Pro Arg
35 40 45

Thr Gly Pro Ala
50

<210> 3424
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K265R"

<400> 3424
Trp Arg Met Lys Glu Glu Met Asp Arg Ala Gln Ala Glu Leu Asn Ala
1 5 10 15

Leu Lys Arg Thr Glu Glu Asp Leu Lys Arg Arg Gly His Gln Lys Leu
20 25 30

Glu Glu Met Val Thr Arg Leu Asp Gln Glu Val Ala Glu Val Asp Lys
35 40 45

Asn Ile Glu Leu
50

<210> 3425

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R276S"

<400> 3425
Ala Glu Leu Asn Ala Leu Lys Arg Thr Glu Glu Asp Leu Lys Lys Gly
1 5 10 15

His Gln Lys Leu Glu Glu Met Val Thr Ser Ser Leu Asp Gln Glu Val
20 25 30

Ala Glu Val Asp Lys Asn Ile Glu Leu Leu Lys Lys Lys Asp Glu Glu
35 40 45

Leu Ser Ser Ala
50

<210> 3426
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K501N"

<400> 3426
Glu Asp Ser Leu Glu Lys Phe Glu Pro Ser Thr Leu Tyr Pro Tyr Leu
1 5 10 15

Arg Glu Glu Asp Leu Asp Asp Ser Pro Asn Asn Gly Gly Leu Asp Ile
20 25 30

Leu Lys Ser Leu Glu Asn Thr Val Ser Thr Ala Ile Ser Lys Ala Gln
35 40 45

Asn Gly Ala Pro
50

<210> 3427

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R881M"

<400> 3427
Gln Ala Gln Phe Ala Ser Ser Leu Arg Glu Thr Thr Glu Gly Lys Tyr
1 5 10 15

Ile Met Ser Asp Leu Gly Pro Gln Glu Met Met Val His Ile Ser Lys
20 25 30

Phe Thr Gly Leu Ser Met Thr Thr Ile Ser His Trp Leu Ala Asn Val
35 40 45

Lys Tyr Gln Leu
50

<210> 3428
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A222T"

<400> 3428
Leu Tyr Arg Gln Ser Ser Lys Met Cys Gly Thr Val Phe Thr Gly Ala
1 5 10 15

Ser Arg Phe Arg Cys Arg Gln Cys Ser Thr Thr Ala Tyr Asp Thr Leu
20 25 30

Val Glu Leu Thr Val His Met Asn Glu Thr Gly His Tyr Gln Asp Asp
35 40 45

Asn Arg Lys Lys
50

<210> 3429

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G677V"

<400> 3429
Glu Pro Ile Lys Met Glu Ala Ser Ser Asp Gly Gly Phe Arg Ser Gln
1 5 10 15

Glu Asn Ser Pro Ser Pro Pro Arg Asp Val Val Cys Lys Asp Gly Ser
20 25 30

Pro Leu Ala Glu Pro Val Glu Asn Gly Lys Glu Leu Val Lys Pro Leu
35 40 45

Ala Ser Ser Leu
50

<210> 3430
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E513K"

<400> 3430
Cys Pro Ser Cys Gln Arg Leu His Lys Lys Ile Leu Glu Leu Glu Arg
1 5 10 15

Gln Ala Leu Ala Lys His Val Arg Ala Lys Lys Ala Leu Ser Ser Thr
20 25 30

Leu Arg Leu Ala Gln Asp Glu Ala Leu Arg Ala Lys Asn Leu Leu Leu
35 40 45

Thr Asp Lys Met
50

<210> 3431

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L92V"

<400> 3431
Ile Gly Phe Val Gly Cys Leu Gly Ala Ile Lys Glu Asn Lys Cys Leu
1 5 10 15

Leu Leu Thr Phe Phe Leu Leu Leu Leu Val Val Val Phe Leu Leu Glu
20 25 30

Ala Thr Ile Ala Ile Leu Phe Phe Ala Tyr Thr Asp Lys Ile Asp Arg
35 40 45

Tyr Ala Gln Gln
50

<210> 3432
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E301K"

<400> 3432
Ala Arg Gly Ser Pro Ser Val Ala Ile Asn Lys Glu Gly Glu Ser Ser
1 5 10 15

Arg Gly Thr Glu Pro Leu Trp Thr Pro Lys Lys Pro Gly Ser Asp Lys
20 25 30

Lys Ser Ala Thr Lys Leu Glu Pro Glu Gly Glu Ala Gln Pro Gln Ala
35 40 45

Gln Pro Glu Thr
50

<210> 3433

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C83W"

<400> 3433
Lys Gln Val Leu Lys Met Glu Val Ala Val Leu Lys Lys Leu Gln Gly
1 5 10 15

Lys Asp His Val Cys Arg Phe Ile Gly Trp Trp Gly Arg Asn Asp Arg
20 25 30

Phe Asn Tyr Val Val Met Gln Leu Gln Gly Arg Asn Leu Ala Asp Leu
35 40 45

Arg Arg Ser Gln
50

<210> 3434
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S270Y"

<400> 3434
Glu Ser Asn Ile Asp Ala Cys Gln Ile Leu Thr Val His Glu Leu Ala
1 5 10 15

Arg Glu Gly Asn Met Thr Thr Val Ser Tyr Tyr Leu Lys Thr Gln Lys
20 25 30

Ala Thr Asn His Val Arg Asn Leu Ile Lys Ala Leu Glu Thr Arg Glu
35 40 45

Pro Glu Asn Pro
50

<210> 3435

<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K336fs"

<400> 3435
Arg Pro Ala Val Gly Leu His Gly Glu Thr Ala Gly Ile Pro Ala Pro
1 5 10 15

Ala Tyr Lys Asn Lys Ser Lys Lys Lys Arg Lys Ser Pro Ile Thr Arg
20 25 30

Asn Leu Arg Gln Trp Pro Cys Leu Arg Ala Ser Arg Val His Thr Leu
35 40 45

Lys Asp His Arg Trp Ala Val Arg Leu Gly Leu Trp Lys Ala Val Gln
50 55 60

Leu Leu Lys Gly Ser Arg Asn Pro Thr Val Gln Arg Arg Ser Leu Arg
65 70 75 80

Lys Gly Ser Leu Arg Leu Ser Lys Gly His Glu Cys Leu Val Met Ile
85 90 95

Phe Gln Cys Pro Val Arg Thr Leu Arg Ala His Ser Leu Ile Gln
100 105 110

<210> 3436
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q530R"

<400> 3436
Ile Lys Asp Arg Ala Thr Ser Thr Ile Lys Arg Met Tyr Arg Asp Asp
1 5 10 15

Leu Glu Arg Phe Lys Glu Phe Lys Ala Arg Arg Gly Val Ala Ile Lys

20 25 30

Phe Gly Lys Phe Ser Val Lys Glu Asn Lys Gln Leu Glu Lys Asn Val
35 40 45

Glu Asp Phe Leu
50

<210> 3437
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R761S"

<400> 3437
Leu Asp Glu Ala His Asn Val Lys Asn Pro Arg Val Gln Thr Ser Ile
1 5 10 15

Ala Val Cys Lys Leu Gln Ala Cys Ala Ser Ser Trp Ala Val Thr Gly
20 25 30

Thr Pro Ile Gln Asn Asn Leu Leu Asp Met Tyr Ser Leu Leu Lys Phe
35 40 45

Leu Arg Cys Ser
50

<210> 3438
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R707H"

<400> 3438
Cys Gly Tyr Asp Ser Leu Gln His Leu Ile Asn Gln Asn Ser Asp Tyr
1 5 10 15

Leu Val Asn Gly Ile Ser Leu Asn Leu His His His Leu Ala Leu His

20 25 30

Pro His Thr Pro Lys Val Leu Glu Val Met Leu Arg Asn Ser Asp Ala
35 40 45

Asn Leu Leu Pro
50

<210> 3439
<211> 58
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.122_123insKA"

<400> 3439
Ser Glu Leu Ala Ala Arg Trp Glu Ala Glu Ala Val Ala Ala Ala Lys
1 5 10 15

Ala Ala Ala Lys Ala Glu Ala Glu Ala Lys Ala Lys Ala Thr Ala Glu
20 25 30

Thr Val Ala Glu Gln Val Arg Val Asp Ala Gly Ala Ala Gly Glu Pro
35 40 45

Glu Cys Lys Ala Gly Glu Glu Gln Pro Lys
50 55

<210> 3440
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R751H"

<400> 3440
Leu Ile Lys Leu Asp Ser Val Lys Gln Arg Lys Val Leu Asp Ile Val
1 5 10 15

Lys Thr Ser Ile Arg Thr Val Leu Pro His His Ile Trp Lys Val Pro

20 25 30

Asp Val Glu Glu Val Asn Leu Tyr Arg Ile Phe Asn Arg Val Phe Asn
35 40 45

Arg Leu Leu Trp
50

<210> 3441
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L146F"

<400> 3441
Glu Asp Gly Val Val Gly Leu Asn Tyr Ser Cys Gly Asn Leu Gly Arg
1 5 10 15

Arg Val Asn Gly Glu Leu Gln Leu Gly Phe Phe Leu Ala Ile Ile Asn
20 25 30

<210> 3442
<211> 48
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q176fs"

<400> 3442
Ser Leu Leu Met Glu Arg Leu Ser Val Asp Tyr Gly Lys Lys Ser Lys
1 5 10 15

Leu Glu Phe Ala Ile Tyr Pro Ala Pro Pro Gly Leu His Gly Arg Gly
20 25 30

Gly Ala Leu Gln Leu His Pro Asp His Pro His Asp Pro Gly Thr Phe
35 40 45

<210> 3443

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R243Q"

<400> 3443
Asp Ile Glu Arg Pro Thr Tyr Thr Asn Leu Asn Arg Leu Ile Gly Gln
1 5 10 15

Ile Val Ser Ser Ile Thr Ala Ser Leu Gln Gln Phe Asp Gly Ala Leu
20 25 30

Asn Val Asp Leu Thr Glu Phe Gln Thr Asn Leu Val Pro Tyr Pro Arg
35 40 45

Ile His Phe Pro
50

<210> 3444
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V102M"

<400> 3444
Thr Tyr His Gly Asp Ser His Leu Gln Leu Glu Arg Ile Asn Val His
1 5 10 15

His His Glu Ala Ser Gly Gly Arg Tyr Met Met Pro Arg Ala Val Leu
20 25 30

Val Asp Leu Glu Pro Gly Thr Met Asp Ser Val Arg Ser Gly Pro Phe
35 40 45

Gly Gln Val Leu
50

<210> 3445

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R119H"

<400> 3445
His Glu Ala Ser Gly Gly Arg Tyr Val Pro Arg Ala Val Leu Val Asp
1 5 10 15

Leu Glu Pro Gly Thr Met Asp Ser Val His His Ser Gly Pro Phe Gly
20 25 30

Gln Val Leu Arg Pro Asp Asn Phe Ile Phe Gly Glu Leu Arg Ala Arg
35 40 45

Thr Gly Val Arg
50

<210> 3446
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A200V"

<400> 3446
Tyr Gly Thr Gly Glu Val Ile Val Gln Asn Tyr Asn Ser Ile Leu Thr
1 5 10 15

Leu Ser His Leu Tyr Arg Ser Ser Asp Val Val Leu Leu Leu His Glu
20 25 30

Asn Asp Ala Ile His Lys Ile Cys Ala Lys Leu Met Asn Ile Lys Gln
35 40 45

Ile Ser Phe Ser
50

<210> 3447

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A340T"

<400> 3447
Lys Ser Gln Gln Arg Lys Val Arg Gln Met Ile Glu Gln Leu Gln Asn
1 5 10 15

Ser Lys Ala Val Ile Gln Ser Lys Asp Thr Thr Thr Ile Gln Glu Leu
20 25 30

Lys Glu Lys Ile Ala Tyr Leu Glu Ala Glu Asn Leu Glu Met His Asp
35 40 45

Arg Met Glu His
50

<210> 3448
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L101F"

<400> 3448
His Ser Ala Gly His Ser Leu Ala Ser Glu Leu Val Glu Ser His Asp
1 5 10 15

Gly His Glu Glu Ile Ile Lys Val Tyr Phe Phe Lys Gly Arg Ser Gly
20 25 30

Asp Lys Met Ile His Glu Lys Asn Ile Asn Gln Leu Lys Ser Glu Val
35 40 45

Gln Tyr Ile Gln
50

<210> 3449

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.H306Q"

<400> 3449
Lys Lys Lys His Gln Glu Val Gln Asp Gln Asp Pro Val Phe Gln Gly
1 5 10 15

Ser Asp Ser Ser Gly Tyr Gln Ser Asp Gln Gln Lys Lys Lys Lys Lys
20 25 30

Lys Arg Lys His Ser Glu Glu Ala Glu Phe Thr Pro Pro Leu Lys Cys
35 40 45

Ser Pro Lys Arg
50

<210> 3450
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R343Q"

<400> 3450
Leu Ile Lys Ser Val Asp Trp Leu Leu Val Phe Ser Leu Phe Phe Leu
1 5 10 15

Ile Ser Phe Ile Met Tyr Ala Thr Ile Gln Gln Thr Glu Ser Ile Arg
20 25 30

Trp Leu Ile Pro Gly Gln Glu Gln Glu His Val Glu
35 40

<210> 3451
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R234C"

<400> 3451
Ala Glu Arg Ser Glu Pro Thr Gln Ala Leu Glu Leu Thr Glu Asp Asp
1 5 10 15

Ile Lys Glu Asp Gly Ile Val Pro Leu Cys Cys Tyr Val Lys Phe Gln
20 25 30

Asn Val Asn Ser Val Thr Ile Phe Val Gln Ser Asn Gln Gly Glu Glu
35 40 45

Glu Thr Thr Arg
50

<210> 3452
<211> 55
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T352fs"

<400> 3452
Pro Glu Pro Gln Asp Val Ala Gln Cys Leu Glu Val Gly Leu Phe Asp
1 5 10 15

Thr Pro Pro Phe Tyr Ser Asn Ser Thr Val Ser Glu Thr Gln Trp Lys
20 25 30

Val Thr Val Thr Pro Arg Glu Ser Met Thr Leu Leu Phe Glu Val Phe
35 40 45

Thr Ile Trp Leu Ile Tyr Ser
50 55

<210> 3453
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S34Y"

<400> 3453
Phe Gly Thr Glu Lys Asp Lys Val Asn Cys Ser Phe Tyr Phe Lys Ile
1 5 10 15

Gly Ala Cys Arg His Gly Asp Arg Cys Tyr Tyr Arg Leu His Asn Lys
20 25 30

Pro Thr Phe Ser Gln Thr Ile Ala Leu Leu Asn Ile Tyr Arg Asn Pro
35 40 45

Gln Asn Ser Ser
50

<210> 3454
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S34F"

<400> 3454
Phe Gly Thr Glu Lys Asp Lys Val Asn Cys Ser Phe Tyr Phe Lys Ile
1 5 10 15

Gly Ala Cys Arg His Gly Asp Arg Cys Phe Phe Arg Leu His Asn Lys
20 25 30

Pro Thr Phe Ser Gln Thr Ile Ala Leu Leu Asn Ile Tyr Arg Asn Pro
35 40 45

Gln Asn Ser Ser
50

<210> 3455
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G684fs"

<400> 3455
Glu Asp Gly Arg Thr Leu Ser Asp Tyr Asn Ile Gln Lys Glu Ser Thr
1 5 10 15

Leu His Leu Val Leu Arg Leu Arg Gly Val Ser Lys Phe Pro Leu Leu
20 25 30

Arg Phe Gln Gln Ile Ser Leu His Phe Pro Phe Asn Lys Val Val Ala
35 40 45

Phe

<210> 3456
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I191T"

<400> 3456
Thr Leu Glu Val Glu Pro Ser Asp Thr Ile Glu Asn Val Lys Ala Lys
1 5 10 15

Ile Gln Asp Lys Glu Gly Ile Pro Pro Thr Thr Ser Arg Gly Ser Ser
20 25 30

Leu Gln Ala Ser Ser Trp Lys Met Ala Val Leu Phe Leu Thr Thr Thr
35 40 45

Ser Arg Arg Ser
50

<210> 3457
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G193W"

<400> 3457
Lys Gln Lys Gln Lys Ala Gln Asp Glu Leu Ser Ser Arg Pro Gln Thr
1 5 10 15

Leu Pro Leu Pro Asp Val Val Pro Asp Trp Trp Glu Thr His Leu Val
20 25 30

Gln Asn Gly Ile Gln Leu Leu Asn Gly His Ala Pro Gly Ala Val Pro
35 40 45

Asn Leu Ala Gly
50

<210> 3458
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G131D"

<400> 3458
Leu Glu Gly Asn Val Cys Leu Asn Ile Leu Arg Glu Asp Trp Lys Pro
1 5 10 15

Val Leu Thr Ile Asn Ser Ile Ile Tyr Asp Asp Leu Gln Tyr Leu Phe
20 25 30

Leu Glu Pro Asn Pro Glu Asp Pro Leu Asn Lys Glu Ala Ala Glu Val
35 40 45

Leu Gln Asn Asn
50

<210> 3459
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R86I"

<400> 3459
Glu Glu Tyr Pro Met Ala Ala Pro Lys Val Arg Phe Met Thr Lys Ile
1 5 10 15

Tyr His Pro Asn Val Asp Lys Leu Glu Ile Ile Ile Ser Leu Asp Ile
20 25 30

Leu Lys Asp Lys Trp Ser Pro Ala Leu Gln Ile Arg Thr Val Leu Leu
35 40 45

Ser Ile Gln Ala
50

<210> 3460
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1118fs"

<400> 3460
Tyr Glu Asn Ser Arg Cys Tyr Asn Glu Met Ala Leu Ile Arg Val Val
1 5 10 15

Gln Ser Met Thr Gln Leu Val Arg Arg Ala Pro Arg Gly Leu
20 25 30

<210> 3461
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.A97T"

<400> 3461
Ala Tyr Arg Ser His Gly Val Leu Asp Pro Arg Leu Leu Val Gly Cys
1   5   10   15

Ala Val Ala Val Leu Ala Val His Gly Thr Thr Gly Asn Leu Val Asn
            20   25   30

Thr Tyr Tyr Asp Phe Ser Lys Gly Ile Asp His Lys Lys Ser Asp Asp
        35   40   45

Arg Thr Leu Val
    50

<210> 3462
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S417L"

<400> 3462
Leu Pro Thr Thr Ser Glu His Thr Ala Lys Lys Met Lys Ala Thr Asn
1   5   10   15

Glu Pro Ser Leu Thr His Met Asp Cys Leu Leu Thr Gly Pro Leu Ser
            20   25   30

His Glu Gln Lys Leu Ser Gln Ser Leu Glu Ile Ala Leu Ala Ser Thr
        35   40   45

Leu Gly Ser Met
    50

<210> 3463
<211> 95
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.A523fs"

<400> 3463
Pro Ile Gly Pro Ile Val Pro Phe Thr Pro Ile Gly Pro Ile Gly Pro
1   5   10   15

Ile Gly Pro Thr Gly Pro Ala Ala Pro Leu Ala Pro Pro Ala Leu Val
            20   25   30

Ala Pro Arg Gly Leu Leu Cys Pro Ala Leu His Leu Val Lys Pro Arg
        35   40   45

Val Leu His Gln Asn Leu Asp Pro Thr Ser Ser Ser Phe Ser Lys Trp
    50   55   60

Cys Arg Pro Trp Leu Glu Gln Met Leu His Ser Cys Arg Ile Gln Lys
65   70   75   80

Ser Asp Phe Ser Asn Asn Trp Asn Ser Ser Thr Gln Trp Gly Ser
                85   90   95

<210> 3464
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G1647W"

<400> 3464
Lys His Pro Val Leu Cys Leu Phe Cys Gly Ala Ile Leu Cys Ser Gln
1   5   10   15

Asn Ile Cys Cys Gln Glu Ile Val Asn Trp Trp Glu Glu Val Gly Ala
            20   25   30

Cys Ile Phe His Ala Leu His Cys Gly Ala Gly Val Cys Ile Phe Leu
        35   40   45

Lys Ile Arg Glu
    50

<210> 3465
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P2802fs"

<400> 3465
Thr Ala Glu Asn Val Asn Asn Gly Asn Pro Ser Pro Leu Glu Ala Leu
1 5 10 15

Leu Ala Gly Ala Glu Gly Phe Pro Pro Cys Trp Thr Ser His Leu Met
20 25 30

Gln Met Thr Arg Pro Trp Leu Asn
35 40

<210> 3466
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K2120fs"

<400> 3466
Glu Val Leu Pro Thr Lys Met Ser Tyr Ala Ala Asn Leu Lys Asn Val
1 5 10 15

Met Asn Met Gln Asn Arg Gln Lys Lys Lys Gly Lys Asn Ser Pro Cys
20 25 30

Cys Gln Lys Lys Leu Arg Val Gln Asn Gln Gly His Leu Leu Met Ile
35 40 45

Leu Leu His Asn
50

<210> 3467
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R2517S"

<400> 3467
Leu Asp Asp Thr Asp Asp Gly Asp Asp Asn Ala Pro Leu Phe Tyr Gln
1   5   10   15

Pro Gly Lys Arg Gly Phe Tyr Thr Pro Ser Ser Pro Gly Lys Asn Thr
            20   25   30

Glu Ala Arg Leu Asn Cys Phe Arg Asn Ile Gly Arg Ile Leu Gly Leu
        35   40   45

Cys Leu Leu Gln
    50

<210> 3468
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.A276V"

<400> 3468
Leu Asp Gln Val Thr Gly Phe Leu Gly Glu His Gly Gln Leu Asp Gly
1   5   10   15

Leu Ser Ser Ser Pro Pro Lys Lys Cys Val Val Arg Ser Glu Ser Leu
            20   25   30

Ile Asp Ala Ser Glu Asp Ser Gln Leu Glu Ala Ala Ile Arg Ala Ser
        35   40   45

Leu Gln Glu Thr
    50

<210> 3469
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D262H"

<400> 3469
Ala Ser Phe Tyr Asn Ser Gly Leu Leu Asp Thr Phe Ile Gly Glu Gly
1   5   10   15

Lys Glu Tyr Ile Phe Val Ser Asn Ile His His Asn Leu Gly Ala Thr
            20   25   30

Val Asp Leu Tyr Ile Leu Asn His Leu Met Asn Pro Pro Asn Gly Lys
        35   40   45

Arg Cys Glu Phe
    50

<210> 3470
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T4A"

<400> 3470
Met Ala Arg Ala Ala Gly Trp Thr Ser Pro Ile Pro Leu Cys Val Ser
1   5   10   15

Leu Leu Leu Thr Cys Gly Phe Ala Glu Ala Gly Lys Leu Leu
            20   25   30

<210> 3471
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N97fs"

<400> 3471
Glu Ile Tyr Arg Val Pro Phe Gly Lys Glu Arg Ile Glu Gly Val Ile

1 5 10 15

Lys Asp Phe Val Leu Thr Trp Leu Glu Ile Asp His Leu Leu Gln Pro
20 25 30

Phe Gly Asp Ser Ile Arg Arg Trp Pro Lys
35 40

<210> 3472
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R447I"

<400> 3472
Ser Thr Asp Leu Leu Asn Ala Leu Lys Thr Val Ile Asn Asp Pro Leu
1 5 10 15

Tyr Lys Glu Asn Ile Met Lys Leu Ser Ile Ile Ile Gln His Asp Gln
20 25 30

Pro Val Lys Pro Leu Asp Arg Ala Val Phe Trp Ile Glu Phe Val Met
35 40 45

Pro His Lys Gly
50

<210> 3473
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P289H"

<400> 3473
Phe Gln Phe Pro His Pro Phe Leu Pro Asn Ile Asp Phe Val Gly Gly
1 5 10 15

Leu His Cys Lys Pro Ala Lys Pro Leu His His Lys Glu Met Glu Glu

```
            20                  25                  30

Phe Val Gln Ser Ser Gly Glu Asn Gly Val Val Val Phe Ser Leu Gly
        35                  40                  45

Ser Val Ile Ser
    50
```

<210> 3474
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M214I"

<400> 3474

```
Phe Pro Pro Ser Tyr Val Pro Val Val Met Ser Glu Leu Thr Asp Gln
1               5                   10                  15

Met Thr Phe Met Glu Arg Val Lys Asn Ile Ile Ile Tyr Val Leu Tyr
            20                  25                  30

Phe Asp Phe Trp Phe Glu Ile Phe Asp Met Lys Lys Trp Asp Gln Phe
        35                  40                  45

Tyr Ser Glu Val
    50
```

<210> 3475
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E102K"

<400> 3475

```
Phe Asn Ser Thr Thr Ser Asp Ala Phe Leu Gln Ser Lys Met Arg Asn
1               5                   10                  15

Ile Phe Ser Gly Arg Leu Thr Ala Ile Lys Lys Leu Phe Asp Ile Leu
```

20 25 30

Asp His Tyr Thr Lys Asn Cys Asp Leu Met Val Gly Asn His Ala Leu
35 40 45

Ile Gln Gly Leu
50

<210> 3476
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I1330fs"

<400> 3476
Glu Ile Pro Val Val Val Pro Met Gln Ile Glu Leu Leu Asn Ser Ser
1 5 10 15

Ile Thr Leu Lys Asp Asp Ile Pro Pro Ser Ile Gln His Leu Gln Ala
20 25 30

Pro Ser Pro Ser Leu Trp Pro Trp Asn Met Leu Cys
35 40

<210> 3477
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M559I"

<400> 3477
Cys Gln Cys Arg Thr Thr Arg Asp Ala Thr Pro Ser Arg Ala Gly Arg
1 5 10 15

Ala Cys Glu Gly Asp Leu Val Ser Pro Ile Ile Gly Gly Gly Leu Ser
20 25 30

Ala Ala Thr Gly Val Thr Val Pro Gly Leu Gly Thr Gly Thr Ala Ala

35 40 45

Leu Gly Leu Glu
50

<210> 3478
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V445A"

<400> 3478
Leu Thr Met Val Ala Tyr Gly Leu Val Glu Cys Val Glu Ser Lys Asn
1 5 10 15

Pro Ile Arg Pro His Ala Pro Gly Gln Ala Ala Asn Gln Ala Glu Asp
20 25 30

Glu Glu Ile Gln Thr Lys Met
35

<210> 3479
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V498M"

<400> 3479
Tyr His Trp Trp Gln Ala Val Ala Ile Phe Thr Val Tyr Leu Gly Ser
1 5 10 15

Ser Leu His Met Lys Ala Lys Leu Ala Met Met Leu Leu Val Thr Leu
20 25 30

Val Ala Ala Ala Val Ser Tyr Leu Arg Met Glu Gln Lys Leu Arg Arg
35 40 45

Gly Val Ala Pro

<210> 3480
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P49fs"

<400> 3480
Asp Phe Asn Ile Ser Ser Leu Ser Gly Leu Leu Ser Pro Ala Leu Thr
1 5 10 15

Glu Ser Leu Leu Val Ala Leu Pro Pro Val Thr Ser Gln Glu Ala Met
20 25 30

Pro His

<210> 3481
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G272fs"

<400> 3481
Gln Ile Thr Gln Glu Ala Val Pro Lys Ser Leu Gly Ala Ser Glu Ser
1 5 10 15

Ser Tyr Thr Ser Val Asn Arg Gly Pro Ala Thr Gly Gln Gly
20 25 30

<210> 3482
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S6A"

<400> 3482
Met Leu Ser Val Ala Ala Ala Arg Ser Gly Pro Phe Ala Pro Val Leu
1   5   10   15

Ser Ala Thr Ser Arg Gly Val Ala Gly Ala Leu Arg Pro Leu Val Gln
            20   25   30

<210> 3483
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.I83V"

<400> 3483
Gln Ala Val Arg Arg Pro Leu Val Ala Ser Val Gly Leu Asn Val Pro
1   5   10   15

Ala Ser Val Cys Tyr Ser His Thr Asp Val Val Lys Val Pro Asp Phe
            20   25   30

Ser Glu Tyr Arg Arg Leu Glu Val Leu Asp Ser Thr Lys Ser Ser Arg
        35   40   45

Glu Ser Ser Glu
    50

<210> 3484
<211> 122
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G639fs"

<400> 3484
His Phe Leu Arg Glu Met Gly Gln Phe Tyr Glu Ala Glu Ser Cys Leu

1 5 10 15

Val Glu Ala Gly Arg Leu Pro Ala Gly Pro Glu Ala Phe Cys Pro Leu
20 25 30

Pro Arg Leu Gly Leu Gly Ala Ala Ala Asp Arg Ala Ala Ser Gly Ala
35 40 45

Asn Arg Trp Glu His Ala Glu His Ala Arg Pro Leu Gly His Arg Ala
50 55 60

Pro Glu Gly Ala Ala Arg Pro Thr Gly Glu Thr Val Lys Ala Gly Gly
65 70 75 80

Ser Val Asn Arg Arg Gly Ala Arg His Gly Gln Val His Thr Pro Gln
85 90 95

His His Val Trp Ala Ala Val Cys His Arg Glu Glu Leu Arg Ser Ser
100 105 110

Arg Gly Leu His Ala Ala His His Ser Gly
115 120

<210> 3485
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S13fs"

<400> 3485
Met Glu Ala Pro Thr Val Glu Thr Pro Pro Asp Pro Ser Pro Pro Phe
1 5 10 15

Gly Pro Gly Pro Cys Pro Gly Ser Val Ala Arg Pro Gly Cys Gly Ala
20 25 30

Ala Ala Arg Gly Ala Gly Lys Gly Gly His
35 40

<210> 3486
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R52Q"

<400> 3486
Asp Pro Thr Ser Val Ala Ile Ala Ser Ile Gln Ser Ala Ala Thr Phe
1 5 10 15

Pro Asp Pro Asn Val Lys Tyr Val Phe Gln Gln Thr Glu Asn Gly Gly
20 25 30

Gln Val Met Tyr Arg Val Ile Gln Val Ser Glu Gly Gln Leu Asp Gly
35 40 45

Gln Thr Glu Gly
50

<210> 3487
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R3719H"

<400> 3487
Asn Ser Thr Thr Val Glu Leu Tyr Trp Ser Leu Pro Glu Lys Pro Asn
1 5 10 15

Gly Leu Val Ser Gln Tyr Gln Leu Ser His His Asn Gly Asn Leu Leu
20 25 30

Phe Leu Gly Gly Ser Glu Glu Gln Asn Phe Thr Asp Lys Asn Leu Glu
35 40 45

Pro Asn Ser Arg
50

<210> 3488
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F2369L"

<400> 3488
Lys Ala His Val Arg Trp Glu Ala Pro Phe Arg Pro Asn Gly Leu Leu
1 5 10 15

Thr His Ser Val Leu Phe Thr Gly Ile Leu Leu Tyr Val Asp Pro Val
20 25 30

Gly Asn Asn Tyr Thr Leu Leu Asn Val Thr Lys Val Met Tyr Ser Gly
35 40 45

Glu Glu Thr Asn
50

<210> 3489
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A286T"

<400> 3489
Val Leu Asp Ala Ala Leu Glu Thr Gly Gln Leu Ile Ile Met Glu Thr
1 5 10 15

Arg Lys Lys Asp Gly Thr Trp Pro Ser Thr Thr Gln Leu His Val Met
20 25 30

Asn Asn Asn Met Ser Glu Glu Asp Glu Asp Phe Lys Gly Gln Pro Gly
35 40 45

Ile Cys Gly Leu
50

<210> 3490
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.K782fs"

<400> 3490
Lys Lys Arg Tyr Phe Asp Glu Asn Ala Ala Glu Asp Phe Glu Lys His
1 5 10 15

Glu Ser Val Glu Tyr Lys Pro Pro Lys Asn Pro Leu
20 25

<210> 3491
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R455Q"

<400> 3491
Asp Ile Pro Ser Gly Thr Ser Lys His Leu Gln Lys Lys Ala Lys Lys
1 5 10 15

Gln Ala Lys Lys Gln Ala Lys Asn Gln Gln Gln Arg Gln Gln Lys Ile
20 25 30

Gln Gly Lys Val Leu His Leu Asn Asp Ile Cys Thr Ile Asp His Pro
35 40 45

Glu Asp Ser Glu
50

<210> 3492
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.R873H"

<400> 3492
Phe Lys Ala Ile Lys Leu Glu Tyr Ala Arg Leu Val Lys Leu Ala Gln
1   5   10   15

Glu Asp Thr Pro Pro Glu Thr Asp Tyr His His Leu His His Val Val
            20   25   30

Val Tyr Phe Ile Gln Asn Gln Ala Pro Lys Lys Ile Ile Glu Lys Thr
        35   40   45

Leu Leu Glu Gln
    50

<210> 3493
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R1119Q"

<400> 3493
Glu Pro Pro Lys Leu Pro Ser Tyr Ser Thr His Glu Leu Cys Glu Arg
1   5   10   15

Phe Ala Arg Ile Met Leu Ser Leu Ser Gln Gln Thr Pro Ala Asp Gly
            20   25   30

Arg

<210> 3494
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R861Q"

<400> 3494
Thr Leu Lys Ser Gly His Tyr Ile Cys Asp Ala Tyr Asp Phe Glu Lys

1 5 10 15

Gln Ile Trp Phe Thr Tyr Asp Asp Met Gln Gln Val Leu Gly Ile Gln
20 25 30

Glu Ala Gln Met Gln Glu Asp Arg Arg Cys Thr Gly Tyr Ile Phe Phe
35 40 45

Tyr Met His Asn
50

<210> 3495
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F81L"

<400> 3495
Asn Ile Arg Ser Val Val Leu Arg His Cys Lys Lys Arg Gln Ser His
1 5 10 15

Leu Arg Leu Thr Leu Lys Asn Asn Val Leu Leu Leu Phe Ile Asp Lys
20 25 30

Leu Ser Tyr Arg Asp Ala Lys Gln Leu Asn Met Phe Leu Asp Ile Ile
35 40 45

His Gln Asn Lys
50

<210> 3496
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D391N"

<400> 3496
Leu Thr Glu Met Tyr Tyr Asp Gly Phe His Arg Ser Phe Cys Asp Thr

1 5 10 15

Asp Asp Leu Glu Thr Val His Glu Ser Asn Asn Cys Ile Phe Ala Phe
20 25 30

Glu Thr Pro Glu Ile Phe Arg Pro Glu Gly Ile Leu Ser Gln Arg Gly
35 40 45

Ile His Leu Asn
50

<210> 3497
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R36Q"

<400> 3497
Leu Thr Leu Lys Val Leu Pro His Phe Glu Ser Leu Gly Lys Gln Glu
1 5 10 15

Lys Ile Pro Asn Lys Met Ser Ala Phe Gln Gln Asn His Cys Pro His
20 25 30

Leu Asp Ser Val Gly Glu Ile Thr Lys Glu Asp Leu Ile Gln Lys Ser
35 40 45

Leu Gly Thr Cys
50

<210> 3498
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L259V"

<400> 3498
Ser Thr Ala Pro Ser Arg Asn Phe Thr Thr Ser Pro Lys Ser Ser Ala

1 5 10 15

Ser Pro Tyr Ser Ser Val Ser Ala Ser Val Val Ile Ala Asn Gly Asp
20 25 30

Ser Thr Ser Thr Cys Gly Met His Ser Ser Gly Val Ser Arg Gly Gly
35 40 45

Ser Gly Phe Ser
50

<210> 3499
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S851L"

<400> 3499
Asp Ser Tyr Thr Leu Lys Glu Ala Glu Leu Lys Met Gly Ser Ser Leu
1 5 10 15

Gly Leu Cys Leu Gly Lys Ala Pro Ser Leu Leu Ser Gln Leu Phe Leu
20 25 30

Phe Phe Ala Met Gly Ser Asp Val Gln Pro Gly Thr Glu Met Glu Ile
35 40 45

Val Val Glu Glu
50

<210> 3500
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R779P"

<400> 3500
Ser Pro Ala Ala Glu Ser Leu Glu Glu Pro Asp Ala Ala Ala Gly Leu

1 5 10 15

Ser Ser Thr Lys Lys Ala Pro Pro Pro Pro Pro Asp Pro Gly Thr Pro
20 25 30

Ala Thr Lys Glu Gly Ala Trp Glu Ala Met Ala Val Ala Pro Glu Glu
35 40 45

Pro Pro Pro Ser
50

<210> 3501
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q137R"

<400> 3501
Leu Phe Asp Asn Tyr Met Gln Gln Asp Ala His Glu Phe Leu Asn Tyr
1 5 10 15

Leu Leu Asn Thr Ile Ala Asp Ile Leu Arg Arg Glu Glu Lys Lys Gln
20 25 30

Glu Lys Gln Asn Gly Lys Leu Lys Asn Gly Asn Met Asn Glu Pro Ala
35 40 45

Glu Asn Asn Lys
50

<210> 3502
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V148I"

<400> 3502
Glu Glu Ile Glu Arg Ile His Arg Glu Val Ala Phe Asn Lys Thr Ala

1 5 10 15

Gln Val Leu Ser Lys Trp Asp Pro Val Ile Ile Leu Lys Asn Arg Gln
20 25 30

Ala Glu Gln Leu Val Phe Pro Leu Glu Lys Glu Glu Pro Ala Ile Ala
35 40 45

Pro Ile Glu His
50

<210> 3503
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E81del"

<400> 3503
Ser Arg Ala Ala Leu Ala Lys Gly Trp Asn Glu Val Gln Ser Gly Asp
1 5 10 15

Glu Glu Asp Gly Glu Glu Glu Glu Glu Val Leu Ala Leu Asp Met Asp
20 25 30

Asp Glu Asp Asp Glu Asp Gly Gly Asn Ala Gly Glu Glu Glu Glu Glu
35 40 45

Glu Asn Ala Asp Asp
50

<210> 3504
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A289E"

<400> 3504
Val Leu Leu Phe Trp Ala Cys Phe Leu Pro Phe Trp Leu Trp Gln Leu

1 5 10 15

Leu Ala Gln Tyr His Gln Ala Pro Leu Glu Glu Pro Arg Thr Ala Arg
20 25 30

Ile Val Asn Tyr Leu Thr Thr Cys Leu Thr Tyr Gly Asn Ser Cys Ala
35 40 45

Asn Pro Phe Leu
50

<210> 3505
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V100L"

<400> 3505
Gln Lys Tyr Pro Pro Val Lys Phe Leu Ser Glu Lys Asp Arg Lys Arg
1 5 10 15

Ile Leu Ile Thr Gly Gly Ala Gly Phe Leu Leu Gly Ser His Leu Thr
20 25 30

Asp Lys Leu Met Met Asp Gly His Glu Val Thr Val Val Asp Asn Phe
35 40 45

Phe Thr Gly Arg
50

<210> 3506
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P51S"

<400> 3506
Glu Ala Gly Glu Gly Pro Gly Trp Gly Gly Ala His Pro Arg Ile Cys

1 5 10 15

Leu Gln Pro Pro Pro Thr Ser Arg Thr Ser Ser Phe Pro Pro Pro Arg
20 25 30

Leu Pro Ala Leu Glu Gln Gly Pro Gly Gly Leu Trp Val Trp Gly Ala
35 40 45

Thr Ala Val Ala Gln
50

<210> 3507
<211> 149
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G3fs"

<400> 3507
Met Pro Gly Gly Arg Arg Trp Leu Gly Val Ala Ala Ala Val Pro Leu
1 5 10 15

Gln Arg Pro Leu Arg Pro Pro Pro Pro Leu Gly Ser Gly Val Trp Arg
20 25 30

Pro Ala Lys Glu Pro Gln Pro Arg Glu Met Arg Ser Gln Lys Arg Lys
35 40 45

Gly Lys Arg Thr Cys Glu Thr Glu Ala Ser Pro Ser Leu Ser Thr Gly
50 55 60

Val Gly Tyr Leu Trp Met Arg Pro Pro Gly Lys Gly Cys Gly Asn Thr
65 70 75 80

Trp Pro Arg Ser Thr Pro Met Glu Arg Arg Trp Arg Asn Gly Ser Val
85 90 95

Gly Pro Gln Thr Cys Pro Arg Ser Pro Tyr Arg Val Cys Leu Arg Ser
100 105 110

Ser Arg Leu His Leu Ser Leu Ser Ala Trp Lys Leu Cys Ser Ala Thr
115 120 125

Ser Glu Ser Cys Ser Thr Ile Thr Gln Gly His Ser Ser Leu Lys Leu

130 135 140

Arg Arg Ala Asp Leu
145

<210> 3508
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E685K"

<400> 3508
Cys Val Pro Lys Pro Val Asp Tyr Ser Cys Gln Pro Trp Tyr Ala Gly
1 5 10 15

Ala Met Glu Arg Leu Gln Ala Glu Thr Lys Lys Leu Ile Asn Arg Val
20 25 30

Asn Ser Thr Tyr Leu Val Arg His Arg Thr Lys Glu Ser Gly Glu Tyr
35 40 45

Ala Ile Ser Ile
50

<210> 3509
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1125H"

<400> 3509
His Ser Val Ser Tyr Pro Pro Gly Ala Val Thr Glu His Lys Val Lys
1 5 10 15

Thr Asp Glu Val Val Thr Leu Thr Pro His His Ile Gly Pro Lys Val
20 25 30

Ser Leu Ser Pro Gly Pro Glu Gln Lys Tyr Glu Thr Glu Gly Ser Ser

35 40 45

Thr Thr Gly Phe
50

<210> 3510
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S1308C"

<400> 3510
Ser Ser Pro Pro Ala Thr Gln Pro Thr Arg Pro Pro Thr Val Glu Asp
1 5 10 15

Lys Glu Ala Phe Gly Pro Gln Ala Leu Cys Cys Thr Pro Gln Pro Pro
20 25 30

Ala Ser Thr Lys Phe His Pro Asp Ile Asn Val Tyr Ile Ile Glu Val
35 40 45

Arg Glu Asn Lys
50

<210> 3511
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.355_356insN"

<400> 3511
Glu Thr Ser Asn Gln Lys Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
1 5 10 15

Gln Gln Gln Gln Gln Gln Gln Gln His Asn Asn Val Thr Ser Trp Pro
20 25 30

Gly Lys Gln Val Glu Thr Leu Arg Leu Trp Glu Glu Ala Val Lys Ala

35 40 45

Arg Lys Lys Glu Ala Ala
50

<210> 3512
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G39S"

<400> 3512
Gly Ala Glu Glu Ala Gly Val Glu Glu Tyr Gly Pro Glu Glu Asp Gly
1 5 10 15

Gly Glu Glu Ser Gly Ala Glu Glu Ser Ser Ser Pro Glu Glu Ser Gly
20 25 30

Pro Glu Glu Leu Gly Ala Glu Glu Glu Met Glu Ala Gly Arg Pro Arg
35 40 45

Pro Val Leu Arg
50

<210> 3513
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P45L"

<400> 3513
Val Glu Glu Tyr Gly Pro Glu Glu Asp Gly Gly Glu Glu Ser Gly Ala
1 5 10 15

Glu Glu Ser Gly Pro Glu Glu Ser Gly Leu Leu Glu Glu Leu Gly Ala
20 25 30

Glu Glu Glu Met Glu Ala Gly Arg Pro Arg Pro Val Leu Arg Ser Val

35 40 45

Asn Ser Arg Glu
50

<210> 3514
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S65L"

<400> 3514
Pro Glu Glu Ser Gly Pro Glu Glu Leu Gly Ala Glu Glu Glu Met Glu
1 5 10 15

Ala Gly Arg Pro Arg Pro Val Leu Arg Leu Leu Val Asn Ser Arg Glu
20 25 30

Pro Ser Gln Val Ile Phe Cys Asn Arg Ser Pro Arg Val Val Leu Pro
35 40 45

Val Trp Leu Asn
50

<210> 3515
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V74D"

<400> 3515
Gly Ala Glu Glu Glu Met Glu Ala Gly Arg Pro Arg Pro Val Leu Arg
1 5 10 15

Ser Val Asn Ser Arg Glu Pro Ser Gln Asp Asp Ile Phe Cys Asn Arg
20 25 30

Ser Pro Arg Val Val Leu Pro Val Trp Leu Asn Phe Asp Gly Glu Pro

35 40 45

Gln Pro Tyr Pro
50

<210> 3516
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N78D"

<400> 3516
Glu Met Glu Ala Gly Arg Pro Arg Pro Val Leu Arg Ser Val Asn Ser
1 5 10 15

Arg Glu Pro Ser Gln Val Ile Phe Cys Asp Asp Arg Ser Pro Arg Val
20 25 30

Val Leu Pro Val Trp Leu Asn Phe Asp Gly Glu Pro Gln Pro Tyr Pro
35 40 45

Thr Leu Pro Pro
50

<210> 3517
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R79P"

<400> 3517
Met Glu Ala Gly Arg Pro Arg Pro Val Leu Arg Ser Val Asn Ser Arg
1 5 10 15

Glu Pro Ser Gln Val Ile Phe Cys Asn Pro Pro Ser Pro Arg Val Val
20 25 30

Leu Pro Val Trp Leu Asn Phe Asp Gly Glu Pro Gln Pro Tyr Pro Thr

35 40 45

Leu Pro Pro Gly
50

<210> 3518
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R82P"

<400> 3518
Gly Arg Pro Arg Pro Val Leu Arg Ser Val Asn Ser Arg Glu Pro Ser
1 5 10 15

Gln Val Ile Phe Cys Asn Arg Ser Pro Pro Pro Val Val Leu Pro Val
20 25 30

Trp Leu Asn Phe Asp Gly Glu Pro Gln Pro Tyr Pro Thr Leu Pro Pro
35 40 45

Gly Thr Gly Arg
50

<210> 3519
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W88L"

<400> 3519
Leu Arg Ser Val Asn Ser Arg Glu Pro Ser Gln Val Ile Phe Cys Asn
1 5 10 15

Arg Ser Pro Arg Val Val Leu Pro Val Leu Leu Leu Asn Phe Asp Gly
20 25 30

Glu Pro Gln Pro Tyr Pro Thr Leu Pro Pro Gly Thr Gly Arg Arg Ile

```
        35                  40                  45

His Ser Tyr Arg
    50


<210> 3520
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.L89H"

<400> 3520
Arg Ser Val Asn Ser Arg Glu Pro Ser Gln Val Ile Phe Cys Asn Arg
1               5                   10                  15


Ser Pro Arg Val Val Leu Pro Val Trp His His Asn Phe Asp Gly Glu
            20                  25                  30


Pro Gln Pro Tyr Pro Thr Leu Pro Pro Gly Thr Gly Arg Arg Ile His
        35                  40                  45


Ser Tyr Arg Gly
    50


<210> 3521
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.L89P"

<400> 3521
Arg Ser Val Asn Ser Arg Glu Pro Ser Gln Val Ile Phe Cys Asn Arg
1               5                   10                  15


Ser Pro Arg Val Val Leu Pro Val Trp Pro Pro Asn Phe Asp Gly Glu
            20                  25                  30


Pro Gln Pro Tyr Pro Thr Leu Pro Pro Gly Thr Gly Arg Arg Ile His
```

35 40 45

Ser Tyr Arg Gly
50

<210> 3522
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R107P"

<400> 3522
Arg Val Val Leu Pro Val Trp Leu Asn Phe Asp Gly Glu Pro Gln Pro
1 5 10 15

Tyr Pro Thr Leu Pro Pro Gly Thr Gly Pro Pro Arg Ile His Ser Tyr
20 25 30

Arg Gly His Leu Trp Leu Phe Arg Asp Ala Gly Thr His Asp Gly Leu
35 40 45

Leu Val Asn Gln
50

<210> 3523
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S111N"

<400> 3523
Pro Val Trp Leu Asn Phe Asp Gly Glu Pro Gln Pro Tyr Pro Thr Leu
1 5 10 15

Pro Pro Gly Thr Gly Arg Arg Ile His Asn Asn Tyr Arg Gly His Leu
20 25 30

Trp Leu Phe Arg Asp Ala Gly Thr His Asp Gly Leu Leu Val Asn Gln

```
        35                  40                  45

Thr Glu Leu Phe
    50


<210> 3524
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.S111R"

<400> 3524
Pro Val Trp Leu Asn Phe Asp Gly Glu Pro Gln Pro Tyr Pro Thr Leu
1               5                   10                  15

Pro Pro Gly Thr Gly Arg Arg Ile His Arg Arg Tyr Arg Gly His Leu
            20                  25                  30

Trp Leu Phe Arg Asp Ala Gly Thr His Asp Gly Leu Leu Val Asn Gln
        35                  40                  45

Thr Glu Leu Phe
    50


<210> 3525
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.H115N"

<400> 3525
Asn Phe Asp Gly Glu Pro Gln Pro Tyr Pro Thr Leu Pro Pro Gly Thr
1               5                   10                  15

Gly Arg Arg Ile His Ser Tyr Arg Gly Asn Asn Leu Trp Leu Phe Arg
            20                  25                  30

Asp Ala Gly Thr His Asp Gly Leu Leu Val Asn Gln Thr Glu Leu Phe
```

35 40 45

Val Pro Ser Leu
50

<210> 3526
<211> 66
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L116fs"

<400> 3526
Asp Gly Glu Pro Gln Pro Tyr Pro Thr Leu Pro Pro Gly Thr Gly Arg
1 5 10 15

Arg Ile His Ser Tyr Arg Gly His Leu Gly Ser Ser Glu Met Gln Gly
20 25 30

His Thr Met Gly Phe Trp Leu Thr Lys Leu Asn Tyr Leu Cys His Leu
35 40 45

Ser Met Leu Thr Asp Ser Leu Phe Leu Pro Ile Ser His Cys Gln Cys
50 55 60

Ile Leu
65

<210> 3527
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D121Y"

<400> 3527
Gln Pro Tyr Pro Thr Leu Pro Pro Gly Thr Gly Arg Arg Ile His Ser
1 5 10 15

Tyr Arg Gly His Leu Trp Leu Phe Arg Tyr Tyr Ala Gly Thr His Asp

20 25 30

Gly Leu Leu Val Asn Gln Thr Glu Leu Phe Val Pro Ser Leu Asn Val
35 40 45

Asp Gly Gln Pro
50

<210> 3528
<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G123fs"

<400> 3528
Pro Thr Leu Pro Pro Gly Thr Gly Arg Arg Ile His Ser Tyr Arg Gly
1 5 10 15

His Leu Trp Leu Phe Arg Asp Ala Gly His Thr Met Gly Phe Trp Leu
20 25 30

Thr Lys Leu Asn Tyr Leu Cys His Leu Ser Met Leu Thr Asp Ser Leu
35 40 45

Phe Leu Pro Ile Ser His Cys Gln Cys Ile Leu
50 55

<210> 3529
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L128H"

<400> 3529
Pro Gly Thr Gly Arg Arg Ile His Ser Tyr Arg Gly His Leu Trp Leu
1 5 10 15

Phe Arg Asp Ala Gly Thr His Asp Gly His His Leu Val Asn Gln Thr

20 25 30

Glu Leu Phe Val Pro Ser Leu Asn Val Asp Gly Gln Pro Ile Phe Ala
35 40 45

Asn Ile Thr Leu
50

<210> 3530
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L135F"

<400> 3530
His Ser Tyr Arg Gly His Leu Trp Leu Phe Arg Asp Ala Gly Thr His
1 5 10 15

Asp Gly Leu Leu Val Asn Gln Thr Glu Phe Phe Phe Val Pro Ser Leu
20 25 30

Asn Val Asp Gly Gln Pro Ile Phe Ala Asn Ile Thr Leu Pro Val Tyr
35 40 45

Thr Leu Lys Glu
50

<210> 3531
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I151T"

<400> 3531
Asp Gly Leu Leu Val Asn Gln Thr Glu Leu Phe Val Pro Ser Leu Asn
1 5 10 15

Val Asp Gly Gln Pro Ile Phe Ala Asn Thr Thr Thr Leu Pro Val Tyr

20 25 30

Thr Leu Lys Glu Arg Cys Leu Gln Val Val Arg Ser Leu Val Lys Pro
35 40 45

Glu Asn Tyr Arg
50

<210> 3532
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L153P"

<400> 3532
Leu Leu Val Asn Gln Thr Glu Leu Phe Val Pro Ser Leu Asn Val Asp
1 5 10 15

Gly Gln Pro Ile Phe Ala Asn Ile Thr Pro Pro Pro Val Tyr Thr Leu
20 25 30

Lys Glu Arg Cys Leu Gln Val Val Arg Ser Leu Val Lys Pro Glu Asn
35 40 45

Tyr Arg Arg Leu
50

<210> 3533
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L158V"

<400> 3533
Thr Glu Leu Phe Val Pro Ser Leu Asn Val Asp Gly Gln Pro Ile Phe
1 5 10 15

Ala Asn Ile Thr Leu Pro Val Tyr Thr Val Val Lys Glu Arg Cys Leu

```
            20                  25                  30

Gln Val Val Arg Ser Leu Val Lys Pro Glu Asn Tyr Arg Arg Leu Asp
        35                  40                  45

Ile Val Arg Ser
    50
```

<210> 3534
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L158P"

<400> 3534

```
Thr Glu Leu Phe Val Pro Ser Leu Asn Val Asp Gly Gln Pro Ile Phe
1               5                   10                  15

Ala Asn Ile Thr Leu Pro Val Tyr Thr Pro Pro Lys Glu Arg Cys Leu
            20                  25                  30

Gln Val Val Arg Ser Leu Val Lys Pro Glu Asn Tyr Arg Arg Leu Asp
        35                  40                  45

Ile Val Arg Ser
    50
```

<210> 3535
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.Q164fs"

<400> 3535

```
Leu Asn Val Asp Gly Gln Pro Ile Phe Ala Asn Ile Thr Leu Pro Val
1               5                   10                  15

Tyr Thr Leu Lys Glu Arg Cys Leu Gln Leu Ser Gly Ala
```

20 25

<210> 3536
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L169P"

<400> 3536
Gly Gln Pro Ile Phe Ala Asn Ile Thr Leu Pro Val Tyr Thr Leu Lys
1 5 10 15

Glu Arg Cys Leu Gln Val Val Arg Ser Pro Pro Val Lys Pro Glu Asn
20 25 30

Tyr Arg Arg Leu Asp Ile Val Arg Ser Leu Tyr Glu Asp Leu Glu Asp
35 40 45

His Pro Asn Val
50

<210> 3537
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L184P"

<400> 3537
Lys Glu Arg Cys Leu Gln Val Val Arg Ser Leu Val Lys Pro Glu Asn
1 5 10 15

Tyr Arg Arg Leu Asp Ile Val Arg Ser Pro Pro Tyr Glu Asp Leu Glu
20 25 30

Asp His Pro Asn Val Gln Lys Asp Leu Glu Arg Leu Thr Gln Glu Arg
35 40 45

Ile Ala His Gln

50

<210> 3538
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L188P"

<400> 3538
Leu Gln Val Val Arg Ser Leu Val Lys Pro Glu Asn Tyr Arg Arg Leu
1 5 10 15

Asp Ile Val Arg Ser Leu Tyr Glu Asp Pro Pro Glu Asp His Pro Asn
20 25 30

Val Gln Lys Asp Leu Glu Arg Leu Thr Gln Glu Arg Ile Ala His Gln
35 40 45

Arg Met Gly Asp
50

<210> 3539
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R231H"

<400> 3539
Ile Pro Ile Ser Trp Val Cys Asp Asp Asp Ala Asp Cys Ser Asp Gln
1 5 10 15

Ser Asp Glu Ser Leu Glu Gln Cys Gly His His Gln Pro Val Ile His
20 25 30

Thr Lys Cys Pro Ala Ser Glu Ile Gln Cys Gly Ser Gly Glu Cys Ile
35 40 45

His Lys Lys Trp

50

<210> 3540
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E369Q"

<400> 3540
Ala Gln Arg Gln Lys Leu His His Lys Ser Glu Met Gly Thr Pro Gln
1 5 10 15

Gly Glu Asn Trp Leu Ser Trp Met Phe Gln Gln Lys Leu Val Val Val
20 25 30

Met Val Cys Tyr Phe Ile Leu Ser Ile Ile Asn Ser Met Ala Gln Ser
35 40 45

Tyr Ala Lys Arg
50

<210> 3541
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R802Q"

<400> 3541
Ala Arg Leu Gln Lys Ala Asp Val Val Ala Gln Ser Arg Ile Ser Phe
1 5 10 15

Pro Glu Lys Glu Leu Leu Leu Leu Ile Gln Gln Asn His Leu Ile Ser
20 25 30

Lys Gly Leu Gly Glu Thr Ala Thr Val Leu Thr Lys Glu Ala Asp Leu
35 40 45

Pro Met Thr Ala

<210> 3542
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K939fs"

<400> 3542
Cys Asn Gly Arg Lys Ile Arg Val Leu Arg Gln Lys Ser Asp His Gly
1 5 10 15

Ala Tyr Ser Gln Ser Pro Ala Ile Lys Asn Ser Trp Thr Asp Ile Phe
20 25 30

Leu Pro His Leu Arg Trp Thr Val
35 40

<210> 3543
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.F2883fs"

<400> 3543
Ile Leu Gly Leu Asp Val Leu Gly Asn Pro Phe Gly Leu Ile Arg Glu
1 5 10 15

Phe Ser Glu Gly Val Glu Ala Phe Phe Met Asn Leu Thr Arg Glu Pro
20 25 30

Ser Arg Val Leu Lys Ser Leu Trp Lys Glu Trp His
35 40

<210> 3544
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R692Q"

<400> 3544
Ile Met Gly Glu Lys Asn Ser Ser Asn Phe Met Asn Thr Thr Asn Phe
1 5 10 15

Gln Ser Leu Arg Pro Leu Pro Ser Ile Gln Gln Ile Leu Val Asp Lys
20 25 30

Ile Asn Leu Glu His Ser Val Pro Met Tyr Ala Glu Gln Leu Val His
35 40 45

Val Val Ser Ser
50

<210> 3545
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G2575W"

<400> 3545
Ala Gln Ala Asp Cys Lys Leu Leu Glu Cys Arg Asn Val Thr Met Gln
1 5 10 15

Ser Val Val Lys Pro Phe Ser Ile Phe Trp Trp Gln Met Ala Val Ser
20 25 30

Ser Asp Val Val Glu Lys Leu Leu Asp Cys Thr Val Ile Val Asp Ser
35 40 45

Val Phe Val Asn
50

<210> 3546
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D1359Y"

<400> 3546
Ser Trp Tyr His Lys Val Pro Val Val Glu Ile Lys Gly His Leu Asp
1 5 10 15

Ser Met Asn Val Ser Leu Asn Gln Glu Tyr Tyr Leu Asn Leu Leu Phe
20 25 30

Arg Ile Leu Thr Glu Asn Leu Cys Glu Gly Thr Glu Asp Leu Asp Lys
35 40 45

Val Lys Pro Arg
50

<210> 3547
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G317D"

<400> 3547
Arg Thr Thr Cys Pro Gly Pro Cys Asp Ser Gln Pro Cys Gln Asn Gly
1 5 10 15

Gly Thr Cys Val Pro Glu Gly Leu Asp Asp Asp Tyr Gln Cys Leu Cys
20 25 30

Pro Leu Ala Phe Gly Gly Glu Ala Asn Cys Ala Leu Lys Leu Ser Leu
35 40 45

Glu Cys Arg Val
50

<210> 3548
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V955I"

<400> 3548
Leu Glu Lys Val Leu Arg Arg Tyr Val Gln Arg Leu Gln Trp Leu Leu
1 5 10 15

Ser Gly Ser Arg Arg Leu Phe Gly Thr Ile Ile Leu Glu Ser Lys Val
20 25 30

Cys Ile Leu Leu Asp Thr Ser Gly Ser Met Gly Pro Tyr Leu Gln Gln
35 40 45

Val Lys Thr Glu
50

<210> 3549
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R557L"

<400> 3549
Gln Phe Ile Gln Glu Gln Leu Lys Tyr Lys Ser Lys Phe Asn Phe Val
1 5 10 15

Lys Phe Asp Gly Gln Ala Val Ala Trp Leu Leu Glu Gln Leu Ala Glu
20 25 30

Val Asn Glu Asp Asn Leu Glu Gln Ala Gln Ser Trp Ile Arg Asp Ile
35 40 45

Lys Ile Gly Ser
50

<210> 3550
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V792G"

<400> 3550
Phe Ser Leu Thr Ser Asn Leu Ser Arg Ala His Leu Glu Leu Asn Glu
1 5 10 15

Ser Ala Trp Gly Arg Leu Trp Leu Glu Gly Gly Pro Asp Ser Ala Ala
20 25 30

Pro Asp Ser Val Val Met Val Thr Val Thr Ala Gly Gly Arg Glu Ala
35 40 45

Asn Pro Val Pro
50

<210> 3551
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K1720N"

<400> 3551
Leu Leu Asp Gly Ser Ser Ser Phe Pro Ala Ser Tyr Phe Asp Glu Met
1 5 10 15

Lys Ser Phe Ala Lys Ala Phe Ile Ser Asn Asn Ala Asn Ile Gly Pro
20 25 30

Arg Leu Thr Gln Val Ser Val Leu Gln Tyr Gly Ser Ile Thr Thr Ile
35 40 45

Asp Val Pro Trp
50

<210> 3552
<211> 64
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R522fs"

<400> 3552
Gly Phe Asp Asp Leu Ser Glu Ser Glu Asp Asp Glu Asp Asp Asp Cys
1 5 10 15

Gln Val Glu Arg Lys Thr Ser Lys Lys Glu Leu Lys Gln Leu His His
20 25 30

Pro Pro Cys Ser Leu Pro Gln Lys Ala Met Ile Ile Pro Arg Thr Val
35 40 45

Ser Leu Val Leu Thr Met Gln Arg Thr Cys Leu Val Cys Leu Lys Val
50 55 60

<210> 3553
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P305fs"

<400> 3553
Glu His Glu Tyr Arg Pro Pro Ser Ala Ser Ala Arg His Met Ala Leu
1 5 10 15

Asn Arg Pro Gln Gln Pro Pro Pro Pro Ala Ser Pro Ser Gly Pro Arg
20 25 30

Gly Val Pro Gly Leu Cys Thr Asp Gly Ser Ser Arg Leu Arg Asp Ala
35 40 45

Pro Ser Ala Asp Asn
50

<210> 3554
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G175S"

<400> 3554
Ala Pro Arg Glu Val Val Asp Pro Ser Gly Gly Arg Ala Thr Leu Leu
1 5 10 15

Glu Ser Ile Arg Gln Ala Gly Gly Ile Ser Ser Lys Ala Lys Leu Arg
20 25 30

Ser Met Lys Glu Arg Lys Leu Glu Lys Lys Gln Gln Lys Glu Gln Glu
35 40 45

Gln Val Arg Ala
50

<210> 3555
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L187V"

<400> 3555
Ala Thr Leu Leu Glu Ser Ile Arg Gln Ala Gly Gly Ile Gly Lys Ala
1 5 10 15

Lys Leu Arg Ser Met Lys Glu Arg Lys Val Val Glu Lys Lys Gln Gln
20 25 30

Lys Glu Gln Glu Gln Val Arg Ala Thr Ser Gln Gly Gly His Leu Met
35 40 45

Ser Asp Leu Phe
50

<210> 3556
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P138fs"

<400> 3556
Leu Arg Phe Leu Ser Thr Phe Lys Pro Pro Ala Tyr Glu Asp Val Val
1 5 10 15

His Arg Pro Gly Thr Pro Pro Pro Pro Leu Tyr Cys Gly Pro Arg Pro
20 25 30

Pro Leu Asp Cys Phe Gln
35

<210> 3557
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R228C"

<400> 3557
Leu Glu Glu Tyr Val His Lys Arg Tyr Pro Gly Leu Val Lys Val Val
1 5 10 15

Arg Asn Gln Lys Arg Glu Gly Leu Ile Cys Cys Ala Arg Ile Glu Gly
20 25 30

Trp Lys Val Ala Thr Gly Gln Val Thr Gly Phe Phe Asp Ala His Val
35 40 45

Glu Phe Thr Ala
50

<210> 3558
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L1842fs"

<400> 3558
Phe Ile Phe Gly Val Pro Ala Ser Ser Gly Thr Val Val Ser Ser Ile
1   5   10   15

His Asn Val Cys Thr Glu Ala Val Phe Tyr Tyr Trp Glu Cys Ser Ala
            20   25   30

Ala Cys

<210> 3559
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P278S"

<400> 3559
Ser Glu Ser Leu Ser Cys Ile Thr Thr Phe Asn Leu Pro Ser Ala Ala
1   5   10   15

Ala Ser Val Gln Cys Leu Ala Trp Val Ser Ser Ser Ala Pro Gly Met
            20   25   30

Phe Ile Thr Gly Asp Ser Gln Val Gly Val Leu Arg Ile Trp Asn Val
        35   40   45

Ser Arg Thr Thr
    50

<210> 3560
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.E841K"

<400> 3560
Lys Ser Ser Glu Leu Glu Glu Ser Leu Leu Val Leu Pro Phe Ser Tyr
1   5   10   15

Val Pro Asp Ile Leu Lys Leu Phe Asn Lys Lys Phe Ile Gln Leu Gly
            20   25   30

Ser Asp Val Glu Leu Ile Cys Arg Cys Leu Phe Phe Leu Leu Arg Ile
        35   40   45

His Phe Gly Gln
    50

<210> 3561
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.W60G"

<400> 3561
Pro Gly Pro Leu Gln Asp Glu Thr Leu Gly Val Ala Ser Val Pro Ser
1   5   10   15

Gln Trp Arg Ala Val Gln Gly Ile Arg Gly Gly Glu Thr Lys Ser Cys
            20   25   30

Gln Thr Ala Ser Ile Ala Thr Ala Ser Ala Ser Ala Gln Ala Arg Asn
        35   40   45

His Val Asp Ala
    50

<210> 3562
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source

<223> /note="p.N214fs"

<400> 3562
Asp Gly Leu Cys Arg Ile Trp Asp Thr Ala Ser Gly Gln Cys Leu Lys
1   5   10   15

Thr Leu Ile Asp Asp Asp Asn Pro Pro Cys Leu Leu
            20   25

<210> 3563
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R837S"

<400> 3563
Glu His Leu Ser Ser Pro Trp Gly Glu Ser Ser Pro Glu Glu Leu Arg
1   5   10   15

Phe Gly Ser Leu Thr Tyr Ser Asp Pro Ser Ser Glu Arg Glu Arg Asp
            20   25   30

Gln His Asp Lys Asn Lys Arg Leu Leu Asp Pro Ala Asn Thr Gln Gln
        35   40   45

Phe Asp Asp Phe
    50

<210> 3564
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N160fs"

<400> 3564
Ile Lys Asp Thr Arg Lys Pro Thr Val Ala Leu Ser Ala Val Ala Gly
1   5   10   15

Ala Ser Gln Val Lys Trp Asn Lys Lys Met Leu Thr Ala Leu Pro Pro

20 25 30

Ala Met Thr Ala Met Cys Gly Tyr Gly Ile Arg Gly Asn Pro Val Gln
35 40 45

Gln Trp Asn Ile
50

<210> 3565
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q412fs"

<400> 3565
Asp Gly Asp Asp Asp Glu Ser Ser Asn Glu Pro Glu Ser Arg Glu Lys
1 5 10 15

Leu Glu Glu Leu Pro Leu Ala Gln Lys Arg Lys Tyr Lys Lys Phe Lys
20 25 30

Glu Leu Leu Met Gln Lys Met Lys Gly Leu Ala Ser Tyr Leu
35 40 45

<210> 3566
<211> 68
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G262fs"

<400> 3566
Arg Val Phe Asp Ala Gly Asp Tyr Ser Leu Leu Cys Ser Gly Pro Ser
1 5 10 15

Glu Asn Gly Gln Thr Trp Thr Gly Gly Thr Leu Ser His Gln Ile Lys
20 25 30

Ser Ser Phe Gly Gln Lys Met Gly Lys Val Ile Phe Thr Asn Tyr Leu

35 40 45

Pro Val Ala Phe Gln Leu Val Ile His Ser Ala Val Met Trp Gly Arg
50 55 60

Gln Leu Lys Ile
65

<210> 3567
<211> 68
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.DGTRSQ315del"

<400> 3567
Cys Leu Ala Ile Ser Gly Phe Asp Gly Thr Val Gln Val Tyr Asp Ala
1 5 10 15

Thr Ser Trp Asp Gly Thr Arg Ser Gln Val Glu Pro Leu Phe Thr His
20 25 30

Arg Gly His Ile Phe Leu Asp Gly Asn Gly Met Asp Pro Ala Pro Leu
35 40 45

Val Thr Thr His Thr Trp His Pro Cys Arg Pro Arg Thr Leu Leu Ser
50 55 60

Ala Thr Asn Asp
65

<210> 3568
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P287Q"

<400> 3568
Ser Leu Leu Ser Gly Gly Arg Glu Ser Val Leu Val Glu Trp Arg Asp

1 5 10 15

Ala Thr Glu Lys Asn Lys Glu Phe Leu Gln Gln Arg Leu Gly Ala Thr
20 25 30

Ile Glu His Ile Ser Val Ser Pro Ala Gly Asp Leu Phe Cys Thr Ser
35 40 45

His Ser Asp Asn
50

<210> 3569
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N110K"

<400> 3569
Asn Gln Ser Arg Met Ala Val Ser Lys Thr Val Leu Ile Pro Pro Glu
1 5 10 15

Leu Lys Thr Val Glu Lys Pro Asn Pro Lys Lys Ile Lys Thr Thr Gln
20 25 30

Val Phe Asp Ile Asn Gly Thr Asp Val Thr Pro Arg Pro Leu Tyr His
35 40 45

Pro Asp Pro Leu
50

<210> 3570
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G100W"

<400> 3570
Lys His Gln Val Pro Glu Lys Leu Ile Trp Gly Asp Gln Asp Pro Leu

1 5 10 15

Ser Lys Ile Pro Phe Lys Ile Leu Ser Trp Trp His Glu His Ala Val
20 25 30

Ser Thr Cys His Phe Cys Val Asp Asp Thr Lys Leu Leu Ser Gly Ser
35 40 45

Tyr Asp Cys Thr
50

<210> 3571
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M287fs"

<400> 3571
Arg Leu Arg Val Leu Val Ala Thr Tyr Val Thr Phe Ser Pro Asn Gly
1 5 10 15

Thr Glu Leu Leu Val Asn Met Gly Gly Gly Thr Gly Leu Phe Val
20 25 30

<210> 3572
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K418fs"

<400> 3572
Tyr Ile Asp Lys Gln Pro Glu Glu Ala Leu Ser Gln Ala Lys Lys Ser
1 5 10 15

Val Ala Ser Lys Thr Glu Val Lys Lys Asn Pro Thr Thr Lys Ile Cys
20 25 30

Ala Glu Tyr Ser Ala Arg Thr Asp Gln Cys Arg Gly Gly Gly Leu Leu

35 40 45

Thr Leu Lys Tyr
50

<210> 3573
<211> 77
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G606fs"

<400> 3573
Cys Glu Thr Asp Gly Tyr Leu Ser Ser Ser Gly Phe Leu Asp Ala Ser
1 5 10 15

Asp Pro Ala Leu Gln Pro Pro Gly Gly Cys His Pro Ala Trp Leu Ser
20 25 30

Pro Ile Ser Ala Cys Pro Arg Leu Leu Pro Tyr Pro Phe His Val Leu
35 40 45

Ala Leu Glu Val Thr Phe Pro Pro Gly Thr Ala Met Pro Gln Met Gln
50 55 60

Leu Gln Ala Leu Ala Met Trp Glu Lys Gly Trp Asp Lys
65 70 75

<210> 3574
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W167fs"

<400> 3574
Ser Glu Gly Ser Ile Glu Ser Cys Thr Cys Asp Tyr Arg Arg Arg Gly
1 5 10 15

Pro Gly Gly Pro Asp Trp His Trp Gly Ala Ala Ala Thr Thr Leu Thr

20 25 30

Ser Ala Ala Ser Ser Ala Gly Ser Ser Trp Thr Pro Gly Arg Arg Gly
35 40 45

Gly Thr Cys Ala Ser Ser
50

<210> 3575
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C344Y"

<400> 3575
Asn Pro Tyr Thr Asp Arg Val Val Glu Arg Cys His Cys Lys Tyr His
1 5 10 15

Trp Cys Cys Tyr Val Thr Cys Arg Arg Tyr Tyr Glu Arg Thr Val Glu
20 25 30

Arg Tyr Val Cys Lys
35

<210> 3576
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W165fs"

<400> 3576
Gly Asn Met Thr Glu Cys Ser Cys Asp Thr Thr Leu Gln Asn Gly Gly
1 5 10 15

Ser Ala Ser Glu Gly Trp His Trp Gly Ala Ala Pro Met Met Ser Ser
20 25 30

Met Ala Cys Gly Ser Ala Glu Ser Ser

35 40

<210> 3577
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K327E"

<400> 3577
Arg Leu Cys Asn Lys Thr Ser Glu Gly Met Asp Gly Cys Glu Leu Met
1 5 10 15

Cys Cys Gly Arg Gly Tyr Asn Gln Phe Glu Glu Ser Val Gln Val Glu
20 25 30

Arg Cys His Cys Lys Phe His Trp Cys Cys Phe Val Arg Cys Lys Lys
35 40 45

Cys Thr Glu Ile
50

<210> 3578
<211> 93
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S381fs"

<400> 3578
His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg Arg Val Pro
1 5 10 15

Gly Val Ala Pro Thr Leu Val Arg Ser Gly Arg His Leu Arg Pro Val
20 25 30

Arg Asn Ala Pro Ser Cys Val Leu Thr Gln Ala Ala Ile Arg Asp Ile
35 40 45

Leu Ser Cys Pro Thr Tyr Arg Cys Thr Ala Gly Ser Thr Leu Val Arg

50 55 60

Asn His Thr Ser Val Thr Ser Arg Thr Val Asn Glu Gly Phe Leu Val
65 70 75 80

Gln Thr Ser Ser Lys Asp Thr Lys Gly Asp Ile Gln Val
85 90

<210> 3579
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.G458A"

<400> 3579
Glu Asp Pro Arg Thr Gln Gly Met Ile Gln Glu Pro Ala Leu Pro Pro
1 5 10 15

Gly Trp Glu Met Lys Tyr Thr Ser Glu Ala Ala Val Arg Tyr Phe Val
20 25 30

Asp His Asn Thr Arg Thr Thr Thr Phe Lys Asp Pro Arg Pro Gly Phe
35 40 45

Glu Ser Gly Thr
50

<210> 3580
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E782K"

<400> 3580
Ser Asp Leu Ala Pro Gly Gln Ser Gly Met Asp Asp Met Lys Leu Leu
1 5 10 15

Glu Gln Arg Ala Glu Gln Leu Ala Ala Lys Lys Ala Glu Arg Asp Gln

20 25 30

Pro Leu Arg Ala Gln Ser Lys Ile Leu Phe Val Arg Ser Asp Ala Ser
35 40 45

Arg Glu Glu Leu
50

<210> 3581
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P410S"

<400> 3581
Met Asp His Thr Phe Phe Pro Gly Tyr Arg Lys Thr Leu Leu Ser Pro
1 5 10 15

Glu Glu Ile Leu Leu Ser Ile Glu Ile Ser Ser Tyr Ser Arg Glu Gly
20 25 30

Glu Tyr Phe Ser Ala Phe Lys Gln Ala Ser Arg Arg Glu Asp Asp Ile
35 40 45

Ala Lys Val Thr
50

<210> 3582
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D2439N"

<400> 3582
Gly Lys Thr Gly Val Leu Pro Pro Pro Thr Leu Pro Lys Pro Lys Leu
1 5 10 15

Pro Lys His Ile Lys Asp Asn Lys Asn Asn Asn Phe Ser Pro Lys Val

20 25 30

Glu Leu Ala Thr Ser Leu Ser Asp Met Glu Cys Lys Ile Thr Thr Ser
35 40 45

Lys Asp Gln Lys
50

<210> 3583
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V3008E"

<400> 3583
Ile Pro Gly Trp Leu Ile Ser Glu Asp Lys Arg Glu Tyr Ala Val His
1 5 10 15

Ile Ala Met Glu Asn Asn Leu Glu Lys Glu Glu Lys Glu Glu Ile Thr
20 25 30

His Ile Lys Thr Gln Ala Glu Asp Met Leu Val Ser Tyr Glu Asn Ile
35 40 45

Ile Gln Thr Ala
50

<210> 3584
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R268Q"

<400> 3584
Ser Val Ile His Leu Leu Gln Met Gly Gln Val Trp Arg Tyr Ile Arg
1 5 10 15

Thr Met Tyr Leu Gly Ile Gln Ser Gln Gln Gln Arg Lys Glu His Gln

20 25 30

Arg Arg Phe Tyr Trp Ala Met Met Tyr Glu Tyr Ala Asp Val Asn Met
35 40 45

Leu Arg Leu Leu
50

<210> 3585
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E571K"

<400> 3585
Gln Tyr Pro Arg Phe Leu Arg Ala His Trp Lys Phe Leu Lys Thr Val
1 5 10 15

Val Asn Lys Leu Phe Glu Phe Met His Lys Lys Thr His Asp Gly Val
20 25 30

Gln Asp Met Ala Cys Asp Thr Phe Ile Lys Ile Ala Gln Lys Cys Arg
35 40 45

Arg His Phe Val
50

<210> 3586
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R541W"

<400> 3586
Glu Pro Gln His Ile Pro Cys Val Leu Met Ala Phe Leu Asp His Arg
1 5 10 15

Gly Leu Arg His Ser Ser Ala Lys Val Trp Trp Ser Arg Thr Ala Tyr

20 25 30

Leu Phe Ser Arg Phe Val Lys Ser Leu Asn Lys Gln Met Asn Pro Phe
35 40 45

Ile Glu Asp Ile
50

<210> 3587
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S87F"

<400> 3587
Thr Ser Pro Val Leu Met Trp Val Gln Ala Leu Asp Ile Ile Leu Glu
1 5 10 15

Lys Met Lys Ala Ser Gly Phe Asp Phe Phe Phe Gln Val Leu Ala Leu
20 25 30

Ser Gly Ala Gly Gln Gln His Gly Ser Ile Tyr Trp Lys Ala Gly Ala
35 40 45

Gln Gln Ala Leu
50

<210> 3588
<211> 102
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y526fs"

<400> 3588
Arg Lys Phe Glu Ser Thr Val Asn Gln Glu Val Leu Glu Ile Leu Asp
1 5 10 15

Phe His Leu Tyr Gly Ser Tyr Pro Pro Ala Arg Gln Pro Ser Arg Pro

20 25 30

Thr Gly Arg Thr Pro Thr Thr Arg Leu Met Ala Pro Val Gly Ser Val
35 40 45

Met Ser Cys Ser Leu Leu Thr Gln Pro Ser Pro Ala Ser Ala Cys Thr
50 55 60

Met Pro Pro Leu Leu His Pro Gln Trp Ala Pro His Ser Ala Gly Leu
65 70 75 80

Ser Pro Gly Ala Cys Arg Pro Ala Cys Thr Cys Ile Ser Met Thr Thr
85 90 95

Ile Ser Arg Ala Thr Trp
100

<210> 3589
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P250L"

<400> 3589
Gly Ala Gly Glu Gln Gly Arg Pro Val Arg Gln Asn Met Tyr Arg Gly
1 5 10 15

Tyr Arg Pro Arg Phe Arg Arg Gly Pro Leu Leu Arg Gln Arg Gln Pro
20 25 30

Arg Glu Asp Gly Asn Glu Glu Asp Lys Glu Asn Gln Gly Asp Glu Thr
35 40 45

Gln Gly Gln Gln
50

<210> 3590
<211> 46
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P226fs"

<400> 3590
Ser Ala Gly Thr Gly Pro Gly Ser Lys Gly Glu Arg Ala Glu Asp Ser
1   5   10   15

Gly Gln Arg Pro Arg Arg Trp Cys Pro His Pro Ser Ser Thr Asp Gly
            20   25   30

Gly Leu Cys Glu Ala Pro Gly Leu Pro Thr Ser Ser Ser Leu
        35   40   45

<210> 3591
<211> 74
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R131fs"

<400> 3591
Leu Gly Leu Leu Val Phe Pro Tyr Thr His Gln Asn Trp Glu Val Gln
1   5   10   15

Tyr Ser Arg Asp Ala Pro Leu Pro Pro Gly Lys Thr Ser Thr Pro Leu
            20   25   30

Thr Ser Ile Ser Pro Arg Trp Pro Ser Leu Leu Thr Cys Ser Trp Leu
        35   40   45

Gly Trp His Trp Ala Phe Arg Lys Gly Ser Pro Arg Arg Cys Trp Ala
    50   55   60

Cys Val Gln Ala Gln Arg Trp Cys Gly Trp
65   70

<210> 3592
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E1178fs"

<400> 3592
Arg Gly Leu Gly Arg Ser Asp Phe Gly Arg Asp Arg Gly Pro Phe Arg
1   5   10   15

Pro Glu Pro Gly Asp Gly Gly Glu Lys Cys Ile His Ile Thr Gly Met
            20   25   30

Ser Leu Leu Gly Leu His Gly Thr Met Glu Lys Ser Glu Gly Met Lys
        35   40   45

Ser Phe His
    50

<210> 3593
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E634K"

<400> 3593
Ile Met His Leu Leu Tyr Asn Ile Cys His Ser Cys Asp Ala Gly Ala
1   5   10   15

Val Leu Ile Phe Leu Pro Gly Tyr Asp Lys Lys Ile Val Gly Leu Arg
            20   25   30

Asp Arg Ile Leu Phe Asp Asp Lys Arg Phe Ala Asp Ser Thr His Arg
        35   40   45

Tyr Gln Val Phe
    50

<210> 3594
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E185K"

<400> 3594
Asn Arg Glu Met Ser Lys Thr Ser Gly Arg Leu Asn Asn Gly Ile Pro
1   5   10   15

Gln Ile Pro Val Lys Arg Gly Glu Ser Lys Lys Phe Asp Ser Phe Arg
            20   25   30

Gln Ser Leu Pro Val Phe Glu Lys Gln Glu Glu Ile Val Lys Ile Ile
        35   40   45

Lys Glu Asn Lys
    50

<210> 3595
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q42H"

<400> 3595
Cys Pro Pro Cys Ser Tyr Arg Tyr Pro Tyr Pro Ala Ala Thr Lys Gly
1   5   10   15

Lys Gly Ala Ala Gly Gly Ser Trp Gln His His Arg Gly Arg Gly Cys
            20   25   30

Leu Pro Ala Ser Ser Pro Cys Ser Ala Gly Ala Ala Ser Leu Ser Phe
        35   40   45

Pro Gly Cys Gly
    50

<210> 3596
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R596I"

<400> 3596
Thr Lys Ser Ser Leu Leu Leu Gln Glu Ile Ala Cys Arg Ser Lys Pro
1   5   10   15

Ile Thr Lys Gln Tyr Gln Gly Leu Glu Ile Ile Phe Phe Ile Phe Asp
            20   25   30

Thr Asn Glu Arg Leu Asn Leu Leu Pro Ser His Arg Leu Glu Cys Asn
        35   40   45

Asn Ser Ser Thr
    50

<210> 3597
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E151del"

<400> 3597
Lys Pro Lys Ile Asn Gly Lys Val Cys Gly Gln Cys Glu Asn Lys Ala
1   5   10   15

Ala Leu Leu Val Cys Leu Glu Cys Gly Asp Tyr Cys Ser Gly Cys Phe
            20   25   30

Ala Lys Val His Gln Lys Gly Ala Leu Lys Leu His Arg Thr Thr Leu
        35   40   45

Leu Gln Ala Lys Ser
    50

<210> 3598
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S385L"

<400> 3598
Pro Ser Leu Leu Pro Pro Glu Gly Glu Leu Ser Ser Val Ser Ser Ser
1   5   10   15

Pro Val Lys Pro Val Arg Glu Ser Pro Leu Leu Ala Ser Ser Ser Pro
            20   25   30

Asp Arg Leu Thr Glu Asp Leu Gln Ser His Leu Asn Pro Gly Asp Gly
        35   40   45

Leu Met Glu Asp
    50

<210> 3599
<211> 67
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P692fs"

<400> 3599
Cys Lys Lys Lys Phe Ser His Lys Thr Leu Leu Glu Arg His Val Ala
1   5   10   15

Leu His Ser Ala Ser Asn Gly Thr Pro Leu Gln Ala His Pro Gln Val
            20   25   30

Pro Ala Leu Ala Pro Gln Ala Trp Trp Pro Ala Arg Arg Gly Pro Leu
        35   40   45

Thr Ser Ala Pro Ser Ala Gln Gln Ser Leu Thr Lys Ser Ser Ser Ser
    50   55   60

Thr Thr Thr
65

<210> 3600
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L607I"

<400> 3600
Gln Asn Met Thr Ala Asp Gln Ala Ala Asn Leu Thr Leu Leu Thr Gln
1 5 10 15

Gln Pro Glu Gln Leu Gln Asn Leu Ile Ile Ile Ser Ala Gln Gln Glu
20 25 30

Gln Thr Glu His Ile Gln Ser Leu Asn Met Ile Glu Ser Gln Met Gly
35 40 45

Pro Ser Gln Thr
50

<210> 3601
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L262fs"

<400> 3601
Gln Leu Asn Phe Leu Leu Glu Asn Glu Gly Val Phe Ser Asp Ala Leu
1 5 10 15

Met Val Thr Gln Asp Val Leu Lys Lys Thr Arg Asn Val Phe Arg Asn
20 25 30

<210> 3602
<211> 165
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.G342fs"

<400> 3602
Glu Leu Pro Pro Pro Pro Pro Pro Phe Pro Asn Asp Phe Phe Lys
1 5 10 15

Asp Met Phe Pro Asp Leu Pro Gly Gly Ala Ser Gly Thr His Gln Gly
20 25 30

Gly Glu Arg Leu Arg Cys Leu Ser Gln Leu Pro Glu Cys His Pro Pro
35 40 45

Gly Arg Pro Leu Pro Thr Leu Ala Pro Gly Arg Arg Ala Gln Ala Glu
50 55 60

Ala Gln Gly Leu Ser Ala Val Pro His Leu Pro Gln Ser His His Gly
65 70 75 80

Gly Arg Glu Ala Ala Ala Ala His Glu Asp Pro Tyr Arg Gly Glu Ala
85 90 95

Ile His Val His His Leu Arg Gly Pro Leu His Gln Ala Gly Gln Ala
100 105 110

Glu Asn Pro His Ala Glu Ala His Arg Gly Ala Ala Leu Pro Val His
115 120 125

Pro Leu Gln Arg Gln Val Arg Ala Gln Leu Arg Pro Gln Glu Pro His
130 135 140

Ala His Pro His Gly Arg Ala Ala Leu Pro Val Arg Val Leu Leu Gln
145 150 155 160

Glu Leu His Ala Leu
165

<210> 3603
<211> 114
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D154fs"

<400> 3603
Ile Leu Asn Ala Ala Arg Met Leu Glu Ile Gln Cys Ile Val Asn Val

```
1               5                   10                  15

Cys Leu Glu Ile Met Glu Pro Gly Gly Thr Gly Gly Arg Arg Met Thr
            20                  25                  30

Arg Arg Thr Met Thr Thr Thr Lys Met Met Met Met Arg Arg Thr Lys
        35                  40                  45

Arg Arg Arg Arg Lys Arg Arg Arg Met Thr Met Met Thr Arg Arg Thr
    50                  55                  60

Leu Leu Thr Lys Lys Thr Cys Leu Thr Pro Arg Thr Ser Ala Ala Thr
65                  70                  75                  80

Lys Ala Leu Pro Arg Gln Thr Ile Ser Gln Arg Arg Pro Ile Gln Thr
                85                  90                  95

Pro Pro Gly Thr Ser Leu Thr Pro Ser Arg Leu Ala Val Leu Ala Ile
            100                 105                 110

Trp Gly
```

<210> 3604
<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E157fs"

<400> 3604

```
Ala Ala Arg Met Leu Glu Ile Gln Cys Ile Val Asn Val Cys Leu Glu
1               5                   10                  15

Ile Met Glu Pro Gly Gly Asp Gly Gly Arg Arg Met Thr Arg Arg Thr
            20                  25                  30

Met Thr Thr Thr Lys Met Met Met Met Arg Arg Thr Lys Arg Arg Arg
        35                  40                  45

Arg Lys Arg Arg Arg Met Thr Met Met Thr Arg Arg Thr Leu Leu Thr
    50                  55                  60

Lys Lys Thr Cys Leu Thr Pro Arg Thr Ser Ala Ala Thr Lys Ala Leu
```

65 70 75 80

Pro Arg Gln Thr Ile Ser Gln Arg Arg Pro Ile Gln Thr Pro Pro Gly
85 90 95

Thr Ser Leu Thr Pro Ser Arg Leu Ala Val Leu Ala Ile Trp Gly
100 105 110

<210> 3605
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P405S"

<400> 3605
Ser Ala Gly Gly Arg Val Pro Gly Pro Leu Ser Leu Pro Ser Pro Glu
1 5 10 15

Ser Gln Phe Ser Pro Gly Asp Leu Pro Ser Ser Pro Pro Gly Leu Gln
20 25 30

Leu Gln Pro Arg Gly Glu His Arg Pro Arg Asp Leu His Gly Asp Leu
35 40 45

Leu Ser Pro Arg
50

<210> 3606
<211> 55
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K1006fs"

<400> 3606
Asn Ile Glu Thr Thr Ser Glu Asp Gly Gln Val Phe Ser Pro Lys Lys
1 5 10 15

Gly Gln Lys Lys Lys Ser Ile Glu Lys Asn Val Lys Asn Pro Lys Val

20 25 30

Ile Leu Ile Phe Leu Met Lys Lys Gln Pro Ser Lys Val Arg Arg Lys
35 40 45

Glu Ala His Gly Leu Pro Leu
50 55

<210> 3607
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T701fs"

<400> 3607
Pro Val Pro Glu Pro Thr Lys Pro Gly Asp Pro Arg Glu Ala Arg Arg
1 5 10 15

Lys Glu Arg Pro Ala Arg Thr Pro Pro Gln Glu Ala Asp Ala Lys Arg
20 25 30

Gln Arg Gln Trp Gln Trp
35

<210> 3608
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P825fs"

<400> 3608
Pro Lys Ser Ala Lys Pro Pro Ala Gly Gly Lys Ser Ser Gln Gln Pro
1 5 10 15

Ser Thr Pro Gln Gln Ala Pro Pro Gly Ser Pro Ser Arg Ala His Leu
20 25 30

Trp Pro Thr Arg Arg Ser Ser

35

<210> 3609
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E798K"

<400> 3609
Ile Gln Gln Lys Gln Gln Glu Glu Glu Glu Arg Ala Arg Arg Leu Ala
1 5 10 15

Glu Ser Ser Lys Gln Asp Arg Glu Asn Lys Lys Glu Gly Asp Thr Gly
20 25 30

Asn Trp Tyr Ser Ser Asp Glu Asp Glu Gly Gly Ser Ser Val Thr Ser
35 40 45

Ile Leu Lys Thr
50

<210> 3610
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C575S"

<400> 3610
Asn Gly Lys Ile Asn Leu Thr Val Phe Lys Leu Leu Gln Glu His Leu
1 5 10 15

Gly Glu Phe Ile Phe Leu Cys Glu Lys Ser Ser Phe Asp His Lys Pro
20 25 30

Arg Met Ile Ser Lys Arg Asn Lys Asp Asn Ser Thr Ala Cys Ser His
35 40 45

Pro Val Thr Lys

50

<210> 3611
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K937N"

<400> 3611
Gly Lys His Val Glu Arg Ala Leu Leu Val Glu Leu Asn Lys Ile Ser
1 5 10 15

Leu Lys Glu Glu Asn Val Cys Glu Glu Asn Asn Asn Ser Pro Val Asp
20 25 30

Gln Ser Asp Phe Phe Tyr Glu Phe Ser Lys Leu Ile Phe Thr Lys Gly
35 40 45

Lys Ser Pro Thr
50

<210> 3612
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L76F"

<400> 3612
Lys Gly Val Ala Phe Ile Leu Phe Leu Asp Lys Asp Ser Ala Gln Asn
1 5 10 15

Cys Thr Arg Ala Ile Asn Asn Lys Gln Phe Phe Phe Gly Arg Val Ile
20 25 30

Lys Ala Ser Ile Ala Ile Asp Asn Gly Arg Ala Ala Glu Phe Ile Arg
35 40 45

Arg Arg Asn Tyr

50

<210> 3613
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D144N"

<400> 3613
Asp Arg Phe Lys Gly Lys Tyr Val Thr Tyr Asp Pro Asp Gly Asn Val
1 5 10 15

Glu Glu Tyr His Ile Glu Phe Leu Gly Asn Asn Pro His Ser Arg Ser
20 25 30

Trp Ile Lys Ala Thr Phe Val Gly His Tyr Ser Ile Thr Leu Lys Pro
35 40 45

Glu Lys Cys Lys
50

<210> 3614
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H250Q"

<400> 3614
Pro Val Gln Val Gln Thr Leu Ile Val Val Ile Ile Gly Met Leu Val
1 5 10 15

Leu Leu Leu Asp Phe Leu Gly Leu Val Gln Gln Leu Gly Gln Leu Leu
20 25 30

Ile Phe His Ile Tyr Leu Lys Ala Lys Lys Met Thr Thr Phe Glu Tyr
35 40 45

Leu Ile Asn Asn

50

<210> 3615
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R300H"

<400> 3615
Leu Phe Val Leu Tyr Leu Ala Ala Thr Asn Gln Thr Thr Asn Glu Trp
1 5 10 15

Tyr Arg Gly Asp Trp Ala Trp Cys Gln His His Cys Pro Leu Val Ala
20 25 30

Trp Pro Pro Ser Ala Glu Pro Gln Val His Arg Asn Ile His Ser His
35 40 45

Gly Leu Arg Ser
50

<210> 3616
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E651del"

<400> 3616
Pro Thr Ala Pro Tyr Leu Gly Arg Ser Met Ser Tyr Ser Ser Gln Lys
1 5 10 15

Ala Gln Pro Gly Val Ser Glu Thr Glu Val Ala Leu Gln Pro Leu Leu
20 25 30

Thr Pro Lys Asp Glu Val Gln Leu Lys Thr Thr Tyr Ser Lys Ser Asn
35 40 45

Gly Gln Pro Lys Ser

50

<210> 3617
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.P316fs"

<400> 3617
Leu Lys Ser Glu Lys Pro Thr Trp Glu Arg Arg Leu Arg Trp Glu Gly
1 5 10 15

Met Lys Ser Val Phe Gly Gly Pro Pro His Ser Ser Gly
20 25

<210> 3618
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E1094K"

<400> 3618
Ser Tyr Ser Gln His Met Asn His Arg Tyr Ser Tyr Cys Lys Arg Glu
1 5 10 15

Ala Glu Glu Arg Glu Ala Ala Glu Arg Lys Lys Ala Arg Glu Lys Gly
20 25 30

His Leu Glu Pro Thr Glu Leu Leu Met Asn Arg Ala Tyr Leu Gln Ser
35 40 45

Ile Thr Pro Gln
50

<210> 3619
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R156H"

<400> 3619
Asn Asn Gly Thr Val Lys Asn Ala Asn Cys Thr Ser Asp Phe Glu Glu
1 5 10 15

Tyr Phe Ala Lys Arg Lys Leu Glu Glu His His Asp Gly His Ala Val
20 25 30

Ser Ile Glu Glu Tyr Leu Gln Arg Ser Asp Thr Ala Ile Ile Tyr Pro
35 40 45

Glu Ala Pro Glu
50

<210> 3620
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.I149T"

<400> 3620
Ile Lys His Arg His Pro Leu Asp His Asp Cys Ser Gly Glu Gly His
1 5 10 15

Pro Thr Ser Arg Ala Gly Leu Ala Ala Thr Thr Ser Arg Ala Gln Ala
20 25 30

Val Ala Ser Thr Ser Thr Val Pro Ser Pro Ser Gln Thr Met Pro Ser
35 40 45

Cys Thr Ser Pro
50

<210> 3621
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K385fs"

<400> 3621
Lys Lys Leu Gly Glu Asp Glu Glu Glu Leu Ser Glu Leu Gln Leu Arg
1 5 10 15

Leu Leu Ala Leu Gln Ser Ala Ser Lys Asn Gly Asn Lys Lys Asn Ser
20 25 30

Arg

<210> 3622
<211> 85
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E763fs"

<400> 3622
Lys Gly Asn Leu Ser Ile His Met Gln Ser Asp Lys His Leu Asn Asn
1 5 10 15

Met Gln Asn Leu Gln Asn Gly Gly Gly Ser Arg Ser Ser Ala Thr Leu
20 25 30

Pro Gly Arg Arg Arg Arg Arg Trp Leu Arg Arg Arg Arg Gln Pro Ile
35 40 45

Ser Val Ala Pro Ala Gly Pro Pro Arg Arg Pro Asn Gln Lys Pro Asn
50 55 60

Pro Pro Gly Gly Ala Arg Cys Val Ile Met Arg Pro Thr Trp Pro Gly
65 70 75 80

Thr Ser Ala Phe Thr
85

<210> 3623

<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V777del"

<400> 3623
Asn Asn Met Gln Asn Leu Gln Asn Gly Gly Gly Glu Gln Val Phe Ser
1 5 10 15

His Thr Ala Gly Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
20 25 30

Asn Ile Ser Ser Ser Cys Gly Ala Pro Ser Pro Thr Lys Pro Lys Thr
35 40 45

Lys Pro Thr Trp Arg
50

<210> 3624
<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1893fs"

<400> 3624
Leu Gln Pro Ser Gln His Pro Glu Lys Lys Asn Lys Leu Val Ile Lys
1 5 10 15

Glu Lys Glu Lys Glu Ser Gln Arg Glu Gly Gln Arg Arg Gly Gly Arg
20 25 30

Gly Gln His Arg Ser Glu Gly Asn Thr Ala Arg Cys Leu Glu Gly Gln
35 40 45

Arg Glu Glu Arg Val Gly Thr Arg Gly Trp Phe
50 55

<210> 3625

<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.L408fs"

<400> 3625
Ala Ser Thr Ser Ser Ser Ala Glu Gln Pro Leu Gly Ile Thr Gln Met
1 5 10 15

Pro Lys Ala Glu Val Asn Leu Gly Gly Ala Val
20 25

<210> 3626
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.L811F"

<400> 3626
Met Thr Ser Glu Lys His Met His Asn Met Met Leu Leu Gln Gln Asn
1 5 10 15

Met Lys Gln Ile Gln His Asn Leu His Phe Phe Gly Leu Ala Pro Ala
20 25 30

Glu Ala Glu Leu Tyr Gln Tyr Tyr Leu Ala Gln Asn Ile Gly Leu Thr
35 40 45

Gly Met Lys Leu
50

<210> 3627
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T1663N"

<400> 3627
Ile Ala Ala Asn Val Asn Ser Pro Gly Gln Gly Met Leu Asp Ser Met
1   5   10   15

Ser Leu Ala Ala Val Asn Ser Lys Asp Asn Asn His Leu Asp Ala Lys
            20   25   30

Glu Leu Asn Lys Lys Gln Thr Pro Asp Leu Ile Ser Ala Gln Pro Ala
        35   40   45

His His Pro Pro
    50

<210> 3628
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H2511Q"

<400> 3628
Leu Pro Pro Gln Leu Leu Gln Tyr Gln Cys Asp Gln Cys Thr Val Ala
1   5   10   15

Phe Pro Thr Leu Glu Leu Trp Gln Glu Gln Gln Gln His Met His Phe
            20   25   30

Leu Ala Ala Gln Asn Gln Phe Leu His Ser Pro Phe Leu Glu Arg Pro
        35   40   45

Met Asp Met Pro
    50

<210> 3629
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R386C"

<400> 3629
Ser Ile His Thr Gly Glu Lys Pro Tyr Glu Cys Lys Glu Cys Gly Lys
1   5   10   15

Thr Phe Arg Leu Arg Gln Gln Leu Val Cys Cys His Gln Arg Ile His
            20   25   30

Thr Arg Glu Lys Pro Tyr Glu Cys Met Glu Cys Trp Lys Thr Phe Ser
        35   40   45

Ser Tyr Ser Gln
    50

<210> 3630
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.Q17L"

<400> 3630
Met Ala His Gly Ser Val Thr Phe Arg Asp Val Ala Ile Asp Phe Ser
1   5   10   15

Leu Leu Glu Glu Trp Glu Phe Leu Asp Pro Ala Gln Arg Asp Leu Tyr
            20   25   30

Arg Asp Val Met Trp Glu Asn Tyr Ser Asn Phe
        35   40

<210> 3631
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R150I"

<400> 3631
Thr Gly Glu Lys Pro Tyr Lys Cys Asn Val Cys Gly Lys His Phe Ile
1   5   10   15

Glu Arg Ser Ser Leu Thr Val His Gln Ile Ile Ile His Thr Gly Glu
            20   25   30

Lys Pro Tyr Lys Cys Asn Glu Cys Gly Lys Ala Phe Ser Gln Ser Met
        35   40   45

Asn Leu Thr Val
    50

<210> 3632
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R273I"

<400> 3632
Thr Gly Glu Lys Pro Tyr Glu Cys Asn Glu Cys Gly Lys Thr Phe Arg
1   5   10   15

Val Ser Ser Gln Leu Ile Gln His Gln Ile Ile Ile His Thr Glu Glu
            20   25   30

Arg Tyr His Glu Cys Asn Glu Cys Gly Lys Ala Phe Lys His Ser Ser
        35   40   45

Gly Leu Ile Arg
    50

<210> 3633
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.D240N"

<400> 3633
Ile His Asn Ala Asp Glu Arg Arg Pro Ala Pro Ser Gly Gly Ala Ser
1   5   10   15

Gly Asp Leu Arg Ala Phe Gly Thr Arg Asn Asn Ala Leu His Leu Gly
            20   25   30

Phe Pro Arg Glu Pro Arg Pro Lys Leu His His Ser Leu Ser Phe Ser
        35   40   45

Gly Phe Pro Ser
    50

<210> 3634
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V227I"

<400> 3634
Arg Ala Ala Leu Arg Lys His Leu Leu Ile His Gly Pro Arg Asp His
1   5   10   15

Val Cys Ala Glu Cys Gly Lys Ala Phe Ile Ile Glu Ser Ser Lys Leu
            20   25   30

Lys Arg His Phe Leu Val His Thr Gly Glu Lys Pro Phe Arg Cys Thr
        35   40   45

Phe Glu Gly Cys
    50

<210> 3635
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.T264M"

<400> 3635
His Thr Gly Glu Lys Pro Phe Arg Cys Thr Phe Glu Gly Cys Gly Lys
1   5   10   15

Arg Phe Ser Leu Asp Phe Asn Leu Arg Met Met His Val Arg Ile His
            20   25   30

Thr Gly Glu Lys Arg Phe Val Cys Pro Phe Gln Gly Cys Asn Arg Arg
        35   40   45

Phe Ile Gln Ser
    50

<210> 3636
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<220>
<221> source
<223> /note="p.R591fs"

<400> 3636
Ile Gln His Glu Arg Thr His Thr Gly Glu Lys Pro Tyr Glu Cys Asn
1   5   10   15

Glu Cys Gly Arg Ala Phe Arg Lys Lys Asn Gln Pro Ala
            20   25

<210> 3637
<211> 251
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E444fs"

<400> 3637
Gly Leu Ala Pro Thr Pro Ser Pro Gly Leu Asp Arg Lys Ala Leu Ala
1   5   10   15

Glu Ala Thr Asn Gly Glu Ala Arg Ala Ala Ser Gly Pro Glu Trp Arg

```
            20                  25                  30

Gln Gln Arg Ala Pro Gly Gly Pro Gln Glu His Gln Gly Gly Gly Gly
        35                  40                  45

Gly Gly Ala Gly Gly Gly Pro His Pro Gly Pro Arg Arg Ala Trp Ala
    50                  55                  60

Pro Gly Pro Val Ala Asp Ala Val Ala Ala Gln Pro Arg Pro Gly Gln
65                  70                  75                  80

Gly Gln Gly Arg Ala Val Gln Pro His Ala Gly Leu Gln Pro Gly Ala
                85                  90                  95

Arg Arg Ala Gly Pro Gly Arg Gly Pro Val Pro Ser Ala Val Arg Val
            100                 105                 110

Arg Ala Arg Arg Gly Ala Pro Arg Leu Gly Asp Pro Gly Gln Asp Val
        115                 120                 125

Arg Ala Gly Ala Gln Pro Ala Ala Ala Gly Arg Gly Arg Gly Arg Arg
    130                 135                 140

Arg Arg Ala Asp Arg Ala Leu Pro Arg Gly Pro Gln Gly Arg Tyr Val
145                 150                 155                 160

Leu Arg Val Arg Asp His Leu Gln Gln Arg Gln Gln Leu Leu Arg Ala
                165                 170                 175

Gln Ala Pro Leu Leu Phe Arg Pro Pro Cys Ala Arg Gly Arg Ala Cys
            180                 185                 190

Arg Ala Gln Ala Gln Gly Ala Pro Arg Pro Gly Pro Arg Ala Pro Arg
        195                 200                 205

Pro Ala Arg Arg Thr Arg Arg Ala Ala Leu Val Pro Gly Pro Arg Ser
    210                 215                 220

Ala Arg Gly Gly Gly Trp Gly Arg Gly His Ala Arg Gly Arg Arg Gly
225                 230                 235                 240

Arg Pro Gly Gln Arg Gly Gln Pro Glu Pro Gly
                245                 250
```

<210> 3638
<211> 376
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P445fs"

<400> 3638
Ala Pro Thr Pro Ser Pro Gly Leu Asp Arg Lys Ala Leu Ala Glu Ala
1 5 10 15

Thr Asn Gly Glu Ala Arg Ala Glu Pro Trp Pro Arg Met Glu Ala Ala
20 25 30

Ala Ser Pro Arg Arg Pro Pro Gly Ala Ser Arg Trp Arg Arg Trp Arg
35 40 45

Ser Arg Arg Arg Pro Pro Ser Trp Ala Pro Glu Ser Leu Gly Pro Arg
50 55 60

Pro Arg Arg Gly Arg Arg Arg Arg Ala Ala Pro Pro Arg Pro Gly Ser
65 70 75 80

Arg Pro Ser Cys Pro Ala Pro Arg Arg Ala Pro Ala Arg Cys Pro Ala
85 90 95

Ser Trp Ala Trp Pro Gly Pro Cys Ser Phe Arg Ser Thr Cys Ser Gly
100 105 110

Pro Thr Arg Arg Pro Pro Pro Arg Arg Ser Trp Pro Arg Cys Pro Ser
115 120 125

Trp Cys Thr Ala Gly Cys Ser Arg Ala Arg Ala Arg Ala Pro Ala Ala
130 135 140

Arg Arg Pro Gly Ser Ser Pro Gly Pro Pro Arg Ala Leu Arg Ala Ser
145 150 155 160

Ser Ala Arg Ser Pro Ser Ala Thr Ser Thr Thr Thr Thr Cys Thr Ser
165 170 175

Ala Ser Thr Val Gln Ala Ala Val Arg Pro Arg Thr Arg Leu Pro Arg
180 185 190

Ala Gly Pro Arg Arg Pro Pro Ala Arg Pro Ala Arg Pro Pro Ala Ser
195 200 205

Pro Pro Asn Pro Thr Arg Arg Ala Arg Pro Arg Ala Pro Glu Arg Ala

210 215 220

Arg Arg Gly Leu Gly Ala Arg Pro Arg Pro Arg Thr Ala Arg Ala Ala
225 230 235 240

Gly Ala Ala Arg Ala Ala Arg Ala Arg Val Ala Pro Trp Thr Thr Arg
245 250 255

Arg Thr Thr Pro Ala Ala Arg Cys Ala Arg Pro Ala Thr Ser Ala Ser
260 265 270

Ala Ala Thr Arg Pro Thr Pro Cys Thr Ser Gly Thr Thr Ala Pro Arg
275 280 285

Ala Thr Thr Arg Arg Arg Ala Asp Arg Pro Arg Pro Arg Asp Pro Leu
290 295 300

Gly Arg Pro Arg Pro Arg Pro Pro Leu Pro Pro Arg Leu Cys Ala Arg
305 310 315 320

Ala Asp Ala Ala Ser Ser Thr Ser Cys Thr Arg Pro Ala Pro Arg Pro
325 330 335

Pro Arg Arg Pro Ala Thr Pro Pro Arg Pro Ser Arg Arg Gly Pro Glu
340 345 350

Ala Glu Ala Glu Ala Ala Pro Ala Ser Pro Leu Arg Ala Arg Pro Ala
355 360 365

Pro Arg Pro Thr Ala Pro Ser Thr
370 375

<210> 3639
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Y107N"

<400> 3639
Thr Thr Met Ala Thr Tyr Gln Asp Ser Tyr Ser Tyr Gly Gln Ser Ala
1 5 10 15

Ala Ala Arg Ser Tyr Glu Asp Arg Pro Asn Asn Phe Gln Ser Ala Ala

20 25 30

Leu Gln Ser Gly Arg Met Thr Ala Ala Asp Ser Gly Gln Pro Gly Thr
35 40 45

Gln Glu Ala Cys
50

<210> 3640
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R266Q"

<400> 3640
Gly Ala Thr Val Asn Leu Ser Gln Arg Thr Arg Leu Leu Leu Lys Val
1 5 10 15

Leu Ala Ile Ser Asp Leu Val Ile Tyr Gln Gln Thr His Ala Asp Arg
20 25 30

Leu His Asn Asp Leu Phe Lys Phe Leu Gly Asp Ala Ser Glu Ala Tyr
35 40 45

Leu Lys His Phe
50

<210> 3641
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M1147I"

<400> 3641
Val Val Gln Gly Leu Val Val Asp Met Glu Val Arg Lys Thr Ser Ile
1 5 10 15

Lys Ile Pro Ser Asn Arg Tyr Asn Glu Ile Ile Met Lys Ala Met Asn

20 25 30

Lys Ser Asn Glu His Val Leu Ala Gly Gly Ala Cys Phe Asn Glu Lys
35 40 45

Ala Asp Ser His
50

<210> 3642
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N249K"

<400> 3642
Glu Val Arg Glu Gly Asp His Ser Phe Ile Asn Gly Ala Val Pro Val
1 5 10 15

Ser Gln Ala Ser Ala Ser Ser Ala Lys Lys Lys Pro His Ala Ala Asn
20 25 30

Gly Pro Leu Ile Gly Thr Val Pro Val Leu Pro Ala Gly Ile Ala Gln
35 40 45

Phe Leu Ser Leu
50

<210> 3643
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.A112E"

<400> 3643
Gly Ser Tyr Ser Ser Ala Ala Phe Asn Ser Thr Arg Asp Phe Leu Phe
1 5 10 15

Arg Asn Arg Gly Phe Gly Asp Ala Ala Glu Glu Ala Ala Ser Ala Gln

20 25 30

His Ser Leu Phe Ala Ala Ser Ala Gly Gly Phe Gly Gly Pro His Gly
35 40 45

His Thr Asp Ala
50

<210> 3644
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S305L"

<400> 3644
Gly Glu Lys Pro Phe Arg Cys Glu Phe Glu Gly Cys Glu Arg Arg Phe
1 5 10 15

Ala Asn Ser Ser Asp Arg Lys Lys His Leu Leu His Val His Thr Ser
20 25 30

Asp Lys Pro Tyr Thr Cys Lys Val Arg Gly Cys Asp Lys Cys Tyr Thr
35 40 45

His Pro Ser Ser
50

<210> 3645
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D352N"

<400> 3645
Arg Ile His Thr Gly Glu Lys Pro Tyr Lys Cys Ser Ile Cys Glu Lys
1 5 10 15

Ala Phe Ser Gln Lys Ser Asn Val Ile Asn Asn His Glu Lys Ile His

20 25 30

Thr Gly Lys Arg Ala Tyr Glu Cys Asp Leu Cys Gly Asn Thr Phe Ile
35 40 45

Gln Lys Lys Asn
50

<210> 3646
<211> 73
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I384fs"

<400> 3646
Gly Lys Arg Ala Tyr Glu Cys Asp Leu Cys Gly Asn Thr Phe Ile Gln
1 5 10 15

Lys Lys Asn Leu Ile Gln His Lys Lys Ser Ile Leu Gly Lys Ser Pro
20 25 30

Met Asn Val Thr Asp Val Glu Lys Pro Ser Phe Arg Ser Gln Thr Phe
35 40 45

Ile Ala Ile Arg Lys Leu Ile Ala Glu Arg Gly Pro Ile Asp Val Val
50 55 60

Asn Val Glu Lys Pro Ser Ser Gly Asn
65 70

<210> 3647
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.R541fs"

<400> 3647
Lys Cys Thr Lys Cys Gly Lys Ala Phe Thr Arg Ser Ser Thr Leu Thr

1 5 10 15

Leu His His Arg Ile His Ala Arg Glu Ser Leu
20 25

<210> 3648
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K200A"

<400> 3648
Val Gly Ser Gln Pro Leu Gln Asp Arg Val Leu Gln Val Pro Val Leu
1 5 10 15

Ala His Gly Gly Cys Cys Arg Glu Asp Ala Ala Val Val Ala Ser Arg
20 25 30

Leu Thr Pro Glu Ser Gln Gly Leu Leu Lys Val Glu Asp Val Ala Leu
35 40 45

Thr Leu Thr Pro Glu
50

<210> 3649
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R319Q"

<400> 3649
Ile Pro Thr His Ala Glu Ala Gly Glu Gln Glu Gly Arg Leu Gln Arg
1 5 10 15

Lys Gln Lys Asn Ala Ile Gly Ser Arg Gln Gln His Tyr Cys His Glu
20 25 30

Cys Gly Lys Ser Phe Ala Gln Ser Ser Gly Leu Thr Lys His Arg Arg

35 40 45

Ile His Thr Gly
50

<210> 3650
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.D13fs"

<400> 3650
Met Ile Met Thr Glu Ser Arg Glu Val Ile Asp Leu Asp Pro Gln Leu
1 5 10 15

Arg Leu Pro Arg Ser Arg Lys Thr Phe Ser
20 25

<210> 3651
<211> 97
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.D1048fs"

<400> 3651
Met Pro Glu Pro Ser Leu Asp Leu Leu Pro Glu Leu Thr Asn Pro Asp
1 5 10 15

Glu Leu Leu Ser Tyr Leu Asp Pro Pro Thr Cys Arg Ala Ile Val Thr
20 25 30

Met Thr Ser Cys Leu Tyr Leu Arg Thr Thr Glu Gly His Pro Val Gly
35 40 45

Ala Ile Pro Pro His Ser Ala Ser Tyr Pro Thr Tyr Pro Thr His Phe
50 55 60

Ser Thr Trp Glu Pro Val Pro Ser Asp Arg Pro Ala Pro Glu Pro Arg

65 70 75 80

Ala Val Gly Arg Gly Ala Leu Pro Arg Cys Ser Pro Leu Arg Thr Glu
85 90 95

Gly

<210> 3652
<211> 95
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.VAAAAATATATATAT153del"

<400> 3652
Leu Gly Leu Pro Ser His Ala Ala Arg Pro Ser Thr Asp Phe Thr Gln
1 5 10 15

Ala Ala Ala Ala Ala Ala Val Ala Ala Leu Gln Glu Lys Gln Ser Gln
20 25 30

Glu Leu Ser Gln Tyr Gly Ala Met Gly Ala Gly Gln Ser Phe Asn Ser
35 40 45

Gln Phe Leu Gln His Gly Gly Pro Arg Gly Pro Ser Val Pro Ala Gly
50 55 60

Met Asn Pro Thr Gly Ile Gly Gly Val Met Gly Pro Ser Gly Leu Ser
65 70 75 80

Pro Leu Ala Met Asn Pro Thr Arg Ala Ala Gly Met Thr Pro Leu
85 90 95

<210> 3653
<211> 75
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.K345fs"

<400> 3653
Ser Ser Gly Met Asn Lys Met Leu Pro Ser Val Pro Ala Thr Ala Val
1 5 10 15

Arg Val Ser Cys Ser Gly Cys Lys Lys Ser Ser Arg Arg Gly Lys Leu
20 25 30

Leu Ile Arg Gly Lys Gly Leu Leu Ser Tyr Ser Ala Pro His Cys Ala
35 40 45

Ser Leu Asp Ile Gln Phe His Leu Pro Ala His Arg Leu Leu Ser Pro
50 55 60

Arg Lys Leu Val Gln Val Ala Gln Lys Thr Phe
65 70 75

<210> 3654
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T367I"

<400> 3654
Ser Gly Cys Lys Lys Ile Leu Gln Lys Gly Gln Thr Ala Tyr Gln Arg
1 5 10 15

Lys Gly Ser Thr Gln Leu Phe Cys Ser Ile Ile Leu Cys Leu Thr Gly
20 25 30

Tyr Thr Val Pro Pro Ala Arg Pro Pro Pro Pro Leu Thr Lys Lys Thr
35 40 45

Cys Ser Ser Cys
50

<210> 3655
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R1446Q"

<400> 3655
Thr Tyr Leu Arg Phe Phe Pro Pro Leu Gln Lys Gln Glu Ser Glu Pro
1   5   10   15

Asp Lys Leu Thr Val Gly Lys Arg Lys Gln Gln Asn Glu Asp Asp Glu
            20   25   30

Val Pro Val Gly Val Glu Met Ala Glu Asn Thr Asp Asn Pro Leu Arg
        35   40   45

Cys Pro Val Arg
    50

<210> 3656
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R185I"

<400> 3656
Thr Gly Glu Lys Pro Tyr Lys Cys Lys Glu Cys Gly Lys Ala Phe Asn
1   5   10   15

Gln Thr Ser His Leu Ile Arg His Lys Ile Ile Ile His Thr Glu Glu
            20   25   30

Lys Pro Tyr Lys Cys Glu Glu Cys Gly Lys Ala Phe Asn Gln Ser Ser
        35   40   45

Thr Leu Thr Thr
    50

<210> 3657
<211> 55
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T339fs"

<400> 3657
Gly Glu Lys Pro Tyr Glu Cys Gln Lys Cys Gly Lys Ala Phe Ser Arg
1   5   10   15

Ala Ser Thr Leu Trp Lys His Lys Lys Leu Ile Leu Glu Lys Ser Pro
            20   25   30

Ile Asn Val Lys Lys Cys Lys Gly Phe Asn His Tyr Ser Phe Cys Gln
        35   40   45

Lys His Glu Gln Ser His Thr
    50   55

<210> 3658
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T408N"

<400> 3658
Arg Pro Tyr Glu Cys Ser Glu Cys Gly Lys Ser Phe Thr Gln Asn Ser
1   5   10   15

Gly Leu Ile Lys His Arg Arg Val His Asn Asn Gly Glu Lys Pro Tyr
            20   25   30

Glu Cys Thr Glu Cys Gly Lys Ser Phe Ser His Asn Ser Ser Leu Ile
        35   40   45

Lys His Gln Arg
    50

<210> 3659
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R452W"

<400> 3659
His Thr Gly Glu Lys Pro Tyr Lys Cys Ser Asp Cys Gly Lys Ala Phe
1   5   10   15

Ser Gln Ser Ser Ser Leu Ile Gln His Trp Trp Arg Ile His Thr Gly
            20   25   30

Glu Lys Pro His Val Cys Asn Val Cys Gly Lys Ala Phe Ser Tyr Ser
        35   40   45

Ser Val Leu Arg
    50

<210> 3660
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R683I"

<400> 3660
Thr Gly Glu Lys Pro Tyr Glu Cys Asn Glu Cys Gly Lys Val Phe Ser
1   5   10   15

Tyr Ser Ser Ser Leu Met Val His Gln Ile Ile Thr His Thr Gly Glu
            20   25   30

Lys Pro Tyr Lys Cys Asn Asp Cys Gly Lys Ala Phe Ser Asp Ser Ser
        35   40   45

Gln Leu Ile Val
    50

<210> 3661
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.P353T"

<400> 3661
Cys Asp Asp Cys Gly Lys Ser Phe Thr Trp Asn Ser Glu Leu Lys Arg
1   5   10   15

His Lys Arg Val His Thr Gly Glu Arg Thr Thr Tyr Thr Cys Gly Glu
            20   25   30

Cys Gly Asn Cys Phe Gly Arg Gln Ser Thr Leu Lys Leu His Gln Arg
        35   40   45

Ile His Thr Gly
    50

<210> 3662
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R401I"

<400> 3662
Thr Gly Glu Lys Pro Tyr Glu Cys Ser Glu Cys Gly Lys Ser Phe Ser
1   5   10   15

Arg Ser Ser His Leu Val Ser His Gln Ile Ile Thr His Thr Gly Glu
            20   25   30

Lys Pro Tyr Arg Cys Asn Gln Cys Gly Lys Ser Phe Ser Gln Ser Tyr
        35   40   45

Val Leu Val Val
    50

<210> 3663
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R569I"

<400> 3663
Thr Gly Glu Lys Pro Tyr Glu Cys Ser Glu Cys Gly Lys Ser Phe Asn
1   5   10   15

Arg Ser Ser His Leu Val Met His Gln Ile Ile Ile His Thr Gly Glu
            20   25   30

Lys Pro Tyr Glu Cys Asn Gln Cys Gly Lys Ser Phe Ser Gln Ser Tyr
        35   40   45

Val Leu Val Val
    50

<210> 3664
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R625I"

<400> 3664
Thr Gly Glu Lys Pro Tyr Glu Cys Ser Gln Cys Gly Lys Ser Phe Arg
1   5   10   15

Gln Ser Ser Cys Leu Thr Gln His Gln Ile Ile Thr His Thr Gly Glu
            20   25   30

Lys Pro Phe Glu Cys Asn Gln Cys Gly Lys Thr Phe Ser Leu Ser Ala
        35   40   45

Arg Leu Ile Val
    50

<210> 3665
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R349I"

<400> 3665
Thr Gly Glu Lys Pro Tyr Ser Cys Lys Val Cys Gly Gln Ala Phe Asn
1   5   10   15

Phe His Thr Lys Leu Thr Arg His Gln Ile Ile Ile His Ser Glu Glu
            20   25   30

Lys Pro Phe Asp Cys Val Asp Cys Gly Lys Ala Phe Ser Ala Gln Glu
        35   40   45

Gln Leu Lys Arg
    50

<210> 3666
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R59Q"

<400> 3666
Leu Glu Asn Tyr Arg Asn Leu Phe Ser Val Gly Leu Thr Val Cys Lys
1   5   10   15

Pro Gly Leu Ile Thr Cys Leu Glu Gln Gln Gln Lys Glu Pro Trp Asn
            20   25   30

Val Lys Arg Gln Glu Ala Ala Asp Gly His Pro Glu Met Gly Phe His
        35   40   45

His Ala Thr Gln
    50

<210> 3667
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R384C"

<400> 3667
Thr Gly Glu Lys Pro Tyr Thr Cys Pro Ala Cys Arg Lys Ser Phe Ser
1   5   10   15

His His Ser Thr Leu Ile Gln His Gln Cys Cys Ile His Thr Gly Glu
            20   25   30

Lys Pro Tyr Val Cys Asp Arg Cys Ala Lys Arg Phe Thr Arg Arg Ser
        35   40   45

Asp Leu Val Thr
    50

<210> 3668
<211> 49
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G23W"

<400> 3668
Met Thr Met Ser Lys Glu Ala Val Thr Phe Lys Asp Val Ala Val Val
1   5   10   15

Phe Thr Glu Glu Glu Leu Trp Trp Leu Leu Asp Leu Ala Gln Arg Lys
            20   25   30

Leu Tyr Arg Asp Val Met Leu Glu Asn Phe Arg Asn Leu Leu Ser Val
        35   40   45

Gly

<210> 3669
<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.F122fs"

<400> 3669
Asn Ile Lys Lys Glu Lys Ser Asn Thr Ile Asp Gly Thr Val Lys Asp
1   5   10   15

Glu Thr Ser Pro Val Glu Glu Cys Phe Leu Val Lys Val Gln Thr His
            20   25   30

Ile Ser Val Ile Pro Ser Leu Glu Ser Ser Pro Leu Gly Val Gln Asp
        35   40   45

Trp Gly Asn Pro Ser Ala Leu Ile Gln Asn Ser
    50   55

<210> 3670
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T1410M"

<400> 3670
Asn Ile Thr Leu Gln Ile Asp Pro Ser Ile Leu Gln Gln Thr Leu Gln
1   5   10   15

Gln Gly Asn Leu Leu Ala Gln Gln Leu Met Met Gly Glu Pro Gly Leu
            20   25   30

Ala Pro Gln Asn Ser Ser Leu Gln Thr Ser Asp Ser Thr Val Pro Ala
        35   40   45

Ser Val Val Ile
    50

<210> 3671
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S1480L"

<400> 3671
Gly Pro Leu Ser Glu Gln Asp Ser Val Leu Thr Thr Asn Ser Ser Gly
1   5   10   15

Thr Gln Asp Leu Thr Gln Val Met Thr Leu Leu Gln Gly Leu Val Ser
            20   25   30

Pro Ser Gly Gly Pro His Glu Ile Thr Leu Thr Ile Asn Asn Ser Ser
        35   40   45

Leu Ser Gln Val
    50

<210> 3672
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R568I"

<400> 3672
Thr Gly Glu Lys Pro Tyr Glu Cys Asn Ala Cys Gly Lys Thr Phe Ser
1   5   10   15

Gln Arg Ser Val Leu Thr Lys His Gln Ile Ile Ile His Thr Arg Val
            20   25   30

Lys Ala Leu Ser Thr Ser
        35

<210> 3673
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K179N"

<400> 3673
Phe Gln Cys Asp Lys Tyr Leu Lys Val Phe Tyr Lys Phe Leu Asn Ser
1   5   10   15

Asn Arg Pro Lys Ile Arg His Thr Glu Asn Asn Lys Ser Phe Lys Cys
            20   25   30

Lys Lys Arg Val Lys Leu Phe Cys Met Leu Ser His Lys Thr Gln His
        35   40   45

Lys Ser Ile Tyr
    50

<210> 3674
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R392I"

<400> 3674
Thr Lys Glu Lys Pro Tyr Lys Cys Glu Glu Cys Gly Lys Ala Phe Asn
1   5   10   15

Arg Ser Ser His Leu Thr Lys His Lys Ile Ile Ile His Thr Arg Glu
            20   25   30

Lys Ala Tyr Lys Cys Asp Glu Tyr Cys Lys Ala Phe Asn Trp Ser Ser
        35   40   45

Ala Leu Thr Thr
    50

<210> 3675
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R174I"

<400> 3675
Leu Ile Thr Arg Ala Ile Ser Gly Leu Glu Gln Asp Gln Pro Ala Arg
1   5   10   15

Arg Ala Asn Lys Asp Ala Thr Ala Glu Ile Ile Ile Asp Glu Phe Ile
            20   25   30

Val Lys Leu Lys Glu Leu Lys Gln Val Ala Ser Pro Phe Thr Leu Ile
        35   40   45

Ile Asp Asp Pro
    50

<210> 3676
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R510I"

<400> 3676
Thr Gly Glu Lys Pro Tyr Lys Cys Pro Glu Cys Gly Glu Ile Phe Ala
1   5   10   15

His Ser Ser Asn Leu Leu Arg His Gln Ile Ile Ile His Thr Gly Glu
            20   25   30

Arg Pro Tyr Lys Cys Pro Glu Cys Gly Lys Ser Phe Ser Arg Ser Ser
        35   40   45

His Leu Val Ile
    50

<210> 3677
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R344Q"

<400> 3677
Thr Ala Lys Asp Pro Phe Glu Cys Lys Ile Cys Gly Lys Ser Phe Arg
1   5   10   15

Asn Ser Ser Cys Leu Ser Asp His Phe Gln Gln Ile His Thr Gly Ile
            20   25   30

Lys Pro Tyr Lys Cys Lys Asp Cys Gly Lys Ala Phe Thr Gln Asn Ser
        35   40   45

Asp Leu Thr Lys
    50

<210> 3678
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R512Q"

<400> 3678
Thr Gly Glu Lys Pro Tyr Lys Cys Lys Gln Cys Gly Lys Ser Phe Ser
1   5   10   15

Tyr Ser Asn Ser Phe Gln Leu His Glu Gln Gln Thr His Thr Gly Glu
            20   25   30

Lys Pro Tyr Glu Cys Lys Glu Cys Gly Lys Ala Phe Ser Ser Ser Ser
        35   40   45

Ser Phe Arg Asn
    50

<210> 3679
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.F901del"

<400> 3679
Asn Ser Gln Leu Ile Val His Gln Arg Thr His Ser Gly Glu Lys Pro
1   5   10   15

Tyr Gly Cys Asn Glu Cys Gly Lys Thr Ser Gln Lys Ser Ile Leu Ser
            20   25   30

Ala His Gln Arg Thr His Thr Gly Glu Lys Pro Cys Lys Cys Thr Glu
        35   40   45

Cys Gly Lys Ala Phe
    50

<210> 3680
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.N319K"

<400> 3680
Asp Cys Gly Lys Val Phe Ser Val Phe Ser Val Leu Thr Lys His Lys
1   5   10   15

Ile Ile His Thr Gly Thr Lys Pro Tyr Lys Lys Cys Glu Glu Cys Gly
            20   25   30

Lys Gly Phe Ser Ile Phe Ser Thr Leu Thr Lys His Lys Ile Ile His
        35   40   45

Thr Gly Glu Lys
    50

<210> 3681
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.E363K"

<400> 3681
Ser Trp Glu Asn His Thr Thr Cys Gln His Cys His Arg Gln Phe Pro
1   5   10   15

Thr Pro Phe Gln Leu Gln Cys His Ile Lys Lys Asn Val His Thr Ala
            20   25   30

Gln Glu Pro Ser Thr Val Cys Lys Ile Cys Glu Leu Ser Phe Glu Thr
        35   40   45

Asp Gln Val Leu
    50

<210> 3682
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E400K"

<400> 3682
Cys Lys Ile Cys Glu Leu Ser Phe Glu Thr Asp Gln Val Leu Leu Gln
1   5   10   15

His Met Lys Asp His His Lys Pro Gly Lys Lys Met Pro Tyr Val Cys
            20   25   30

Gln Val Cys His Tyr Arg Ser Ser Val Phe Ala Asp Val Glu Thr His
        35   40   45

Phe Arg Thr Cys
    50

<210> 3683
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R392Q"

<400> 3683
Lys Ile His Thr Gly Lys Lys Pro Tyr Glu Cys Lys Ile Cys Gly Lys
1   5   10   15

Ala Phe Cys Trp Gly Tyr Gln Leu Thr Gln Gln His Gln Ile Phe His
            20   25   30

Thr Gly Glu Lys Pro Tyr Glu Cys Lys Glu Cys Gly Lys Ala Phe Asn
        35   40   45

Cys Gly Ser Ser
    50

<210> 3684
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.S62L"

<400> 3684
Glu Ala Thr Gly Ser Ser Ser Trp Asp Ile Gln Asn Ser Phe Arg Arg
1   5   10   15

Glu Lys Leu Glu Gln Lys Ser Pro Asp Leu Leu Lys Thr Leu Gln Glu
            20   25   30

Asp Ser Pro Gly Val Arg Gln Arg Val Tyr Glu Cys Gln Glu Cys Gly
        35   40   45

Lys Ser Phe Arg
    50

<210> 3685
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K106N"

<400> 3685
Val Gln Ser Ser Asp Leu Thr Ser His Gln Arg Ile His Asn Tyr Glu
1   5   10   15

Lys Pro Tyr Lys Cys Ser Lys Cys Glu Asn Asn Ser Phe Trp His His
            20   25   30

Leu Val Leu Ser Gly His Gln Arg Thr His Ala Gly Lys Lys Phe Tyr
        35   40   45

Thr Cys Asp Ile
    50

<210> 3686
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R554Q"

<400> 3686
Thr Gly Glu Lys Leu Tyr Glu Cys Ala Thr Cys Gly Gln Val Leu Ser
1   5   10   15

Arg Leu Ser Thr Leu Lys Ser His Met Gln Gln Thr His Thr Gly Glu
            20   25   30

Lys Pro Tyr Val Cys Gln Glu Cys Gly Arg Ala Phe Ser Glu Pro Ser
        35   40   45

Ser Leu Arg Lys
    50

<210> 3687
<211> 75
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.K426fs"

<400> 3687
Glu Cys Lys Glu Cys Gly Lys Thr Phe Phe Cys Gln Ser Ala Leu Thr
1   5   10   15

Ala His Gln Arg Ile His Thr Gly Glu Asn Pro Met Asn Val Val Asn
            20   25   30

Val Arg Lys Pro Ser Phe Val Asn Leu Pro Ser Met Cys Ile Glu Glu
        35   40   45

Val Ile Gln Glu Arg Ser Pro Met Asn Ala Val Asn Val Glu Asn Phe
    50   55   60

Tyr Val Arg Asn Gln Pro Ser Leu His Ile Arg
65   70   75

<210> 3688
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R402I"

<400> 3688
Thr Gly Glu Lys Pro Phe Lys Cys Ser Glu Cys Gly Arg Ala Phe Ser
1   5   10   15

Gln Ser Ala Ser Leu Ile Gln His Glu Ile Ile Ile His Thr Gly Glu
            20   25   30

Lys Pro Tyr Arg Cys Asn Glu Cys Gly Lys Gly Phe Thr Ser Ile Ser
        35   40   45

Arg Leu Asn Arg
    50

<210> 3689
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.D609N"

<400> 3689
Gly Lys Leu Phe Ser Gln Arg Ser Ser Leu Thr Asn His Tyr Lys Ile
1   5   10   15

His Ile Glu Glu Asp Ser Leu Lys Ala Asn Asn Leu His Val
            20   25   30

<210> 3690
<211> 59
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.T130fs"

<400> 3690
Asp Pro Asn Ser Asp Thr Leu Ser Pro Gly Asp Pro Lys Val Asp Pro
1   5   10   15

Ile Ser Ser Gly Leu Thr Ala Thr Pro Arg Ser Trp Pro Pro Ala Pro
            20   25   30

Arg Cys Ser Pro Pro Pro Pro Ala Arg Pro Gly Pro Ser Pro Ala Arg
        35   40   45

Ile Ala Gly Glu Pro Ser Ala Ala Ala Pro Gly
    50   55

<210> 3691
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.H186Q"

<400> 3691
Phe Gly Asp Ser Thr Gly Trp Glu Lys Ser Leu Leu Asn Thr Lys His

1 5 10 15

Glu Lys Ile His Pro Ala Val Asn Leu Gln Gln Lys Gln Thr Glu Arg
20 25 30

Val Leu Ser Gly Lys Gln Glu Leu Ile Gln His Gln Lys Val Gln Ala
35 40 45

Pro Glu Gln Pro
50

<210> 3692
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.T226S"

<400> 3692
Lys Arg Leu Leu Tyr Cys Ser Leu Cys Lys Val Ala Val Asn Ser Ala
1 5 10 15

Ser Gln Leu Glu Ala His Asn Ser Gly Ser Ser Lys His Lys Thr Met
20 25 30

Leu Glu Ala Arg Asn Gly Ser Gly Thr Ile Lys Ala Phe Pro Arg Ala
35 40 45

Gly Val Lys Gly
50

<210> 3693
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N251fs"

<400> 3693
Gly Glu Lys Pro Tyr Thr Cys Glu Glu Cys Gly Lys Val Phe Asn Trp

1 5 10 15

Ser Ser Arg Leu Thr Thr His Lys Lys Ile Ile Leu Asp Thr Asn Ser
20 25 30

Thr Asn Val Lys Asn Val Ala Lys Leu Leu Thr Ser Pro Gln Ser Leu
35 40 45

Leu Pro Ile Arg
50

<210> 3694
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R280C"

<400> 3694
Tyr Lys Leu Tyr Lys Cys Glu Glu Cys Gly Lys Ala Phe Asn Lys Ser
1 5 10 15

Ser Ile Leu Thr Thr His Lys Ile Ile Cys Cys Thr Gly Glu Lys Phe
20 25 30

Tyr Lys Cys Lys Glu Cys Ala Lys Ala Phe Asn Gln Ser Ser Asn Leu
35 40 45

Thr Glu His Lys
50

<210> 3695
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R306C"

<400> 3695
Gln Asn Ser Gln Ile Tyr Arg Ala Met Ala Glu Gly Leu Trp Glu Gln

1 5 10 15

Gly Phe Leu Arg Thr Pro Glu Gln Cys Cys Cys Thr Lys Phe Lys Ser
20 25 30

Leu Gln Leu Ser Tyr Arg Lys Val Arg Arg Gly Arg Val Pro Glu Pro
35 40 45

Cys Ile Phe Tyr
50

<210> 3696
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R262I"

<400> 3696
Thr Gly Glu Lys Pro Tyr Glu Cys Lys Gln Cys Gly Lys Ser Phe Ser
1 5 10 15

Tyr Ser Ala Thr His Arg Ile His Glu Ile Ile Thr His Ile Gly Glu
20 25 30

Lys Pro Tyr Glu Cys Gln Glu Cys Gly Lys Ala Phe His Ser Pro Arg
35 40 45

Ser Cys His Arg
50

<210> 3697
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R309Q"

<400> 3697
Glu Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Lys Arg Cys Gly

1 5 10 15

Arg Ala Phe Ser Val Ser Ser Ser Leu Gln Gln Ile His Glu Arg Thr
20 25 30

His Thr Gly Glu Lys Pro Tyr Glu Cys Lys Gln Cys Gly Lys Ala Phe
35 40 45

His His Leu Gly
50

<210> 3698
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R301I"

<400> 3698
Thr Gly Glu Lys Pro Tyr Lys Cys Lys Gln Cys Ser Lys Ala Phe Pro
1 5 10 15

Asp Ser Ser Ser Cys Leu Ile His Glu Ile Ile Thr His Thr Gly Glu
20 25 30

Lys Pro Tyr Thr Cys Lys Gln Cys Gly Lys Ala Phe Ser Val Ser Gly
35 40 45

Ser Leu Gln Arg
50

<210> 3699
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.L682M"

<400> 3699
Glu Cys Arg Glu Gly Phe Arg Gln Ser Pro Asp Cys Ser Gln Pro Gln

1 5 10 15

Gly Ala Pro Ala Val Glu Lys Thr Phe Met Met Cys Gln Gln Cys Gly
20 25 30

Lys Thr Phe Thr Arg Lys Lys Thr Leu Val Asp His Gln Arg Ile His
35 40 45

Thr Gly Glu Lys
50

<210> 3700
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R376I"

<400> 3700
Thr Gly Glu Lys Pro Phe Glu Cys Asn Glu Cys Gly Lys Ala Phe Arg
1 5 10 15

Val Asn Ser Ser Leu Thr Glu His Gln Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Tyr Lys Cys Asn Glu Cys Gly Lys Ala Phe Arg Asp Asn Ser
35 40 45

Ser Phe Ala Arg
50

<210> 3701
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S190I"

<400> 3701
Ser Asp Gln Ser Gln Gly Phe Gln Pro Ser Lys Asn Ala Phe Glu Cys

1 5 10 15

Ser Glu Cys Gly Lys Val Phe Ser Lys Ile Ile Ser Thr Leu Asn Lys
20 25 30

His Gln Lys Ile His Asn Glu Lys Asn Ala Asn Gln Lys Ile His Ile
35 40 45

Lys Glu Lys Arg
50

<210> 3702
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S650T"

<400> 3702
Phe Cys Asp Asn Leu Pro Lys Phe Glu Gly Gln Pro Ser Ser Leu Pro
1 5 10 15

Leu Glu Asn Glu Thr Asp Ser His Pro Thr Thr Ser Ser Asn Thr Val
20 25 30

Lys Lys Ser Gln Thr Ser Ile Leu Gly Leu Ser Ser Lys Asn Asn Phe
35 40 45

Val Ala Lys Ala
50

<210> 3703
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R641I"

<400> 3703
Thr Gly Glu Lys Pro Tyr Glu Cys Asn Val Cys Gly Lys Ala Phe Ser

1 5 10 15

His Arg Lys Ser Leu Thr Leu His Gln Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Tyr Glu Cys Lys Glu Cys Ser Lys Ala Phe Ser Gln Val Ala
35 40 45

His Leu Thr Leu
50

<210> 3704
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R282I"

<400> 3704
Thr Gly Glu Lys Leu Phe Glu Cys Lys Glu Cys Arg Lys Ala Phe Lys
1 5 10 15

Gln Ser Glu His Leu Ile Gln His Gln Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Tyr Lys Cys Lys Glu Cys Arg Lys Ala Phe Arg Gln Pro Ala
35 40 45

His Leu Ala Gln
50

<210> 3705
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R235H"

<400> 3705
His Gln Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Gly Ile Cys

1 5 10 15

Gly Lys Gly Phe Gly Asp Ser Ser Ala His His Ile Lys His Gln Arg
20 25 30

Thr His Arg Gly Glu Gln Pro Pro Arg Pro Val Val Pro Arg Arg Gln
35 40 45

Pro Ser Arg Ala
50

<210> 3706
<211> 67
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.P247fs"

<400> 3706
Ile Cys Gly Lys Gly Phe Gly Asp Ser Ser Ala Arg Ile Lys His Gln
1 5 10 15

Arg Thr His Arg Gly Glu Gln Pro Pro Asp Gln Trp Cys Pro Asp Gly
20 25 30

Ser His Leu Gly Gln Pro Arg Gln Leu Pro Arg Asp Arg Arg Pro Arg
35 40 45

Thr Ser His Ile Ser Ala Leu Ile Ala Ala Arg Gly Leu Cys Ser Ala
50 55 60

Ala Ala Ser
65

<210> 3707
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source

<223> /note="p.R138C"

<400> 3707
Ser Ile Leu Glu Glu Leu Trp Lys Asp Asp Glu His Thr Arg Lys Cys
1   5   10   15

Gly Glu Asn Gln Asn Lys Pro Leu Ser Cys Cys Val Val Phe Ile Asn
            20   25   30

Lys Lys Thr Leu Ala Asn Asp Ser Ile Phe Glu Tyr Lys Asp Ile Gly
        35   40   45

Glu Ile Val His
    50

<210> 3708
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R374I"

<400> 3708
Ser Gly Asn Lys Pro Tyr Gln Cys Arg Asp Cys Gly Lys Ala Phe Thr
1   5   10   15

Lys Ser Ser Thr Leu Thr Gly His Gln Ile Ile Ile His Thr Gly Glu
            20   25   30

Lys Pro Tyr His Cys Lys Lys Cys Gly Lys Ala Phe Arg His Ser Ser
        35   40   45

Gly Leu Val Glu
    50

<210> 3709
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.R206Q"

<400> 3709
Pro Ala Gly Glu Ser Ala Asp Ala Leu Gly Glu Leu Ser Gly Leu Leu
1   5   10   15

Asn Thr Thr Asp Leu Ala Cys Trp Gly Gln Gln Leu Ser Thr Pro Lys
            20   25   30

Leu Leu Val Gly Asp Leu Trp Asn Leu Gln Ala Leu Pro Gln Asn Ala
        35   40   45

Pro Leu Cys Ser
    50

<210> 3710
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R343Q"

<400> 3710
Glu Arg Thr His Thr Gly Glu Lys Pro Asp Gly Cys Lys Gln Cys Gly
1   5   10   15

Lys Ala Phe Arg Ser Ala Lys Tyr Ile Gln Gln Ile His Gly Arg Thr
            20   25   30

His Thr Gly Glu Lys Pro Tyr Glu Cys Lys Gln Cys Gly Lys Ala Phe
        35   40   45

His Cys Val Ser
    50

<210> 3711
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P392H"

<400> 3711
Cys Glu Val Cys Ser Lys Ala Phe Ser Arg Phe Ser His Leu Thr Thr
1   5   10   15

His Lys Arg Ile His Thr Gly Glu Lys His His Tyr Lys Cys Glu Glu
            20   25   30

Cys Gly Lys Ala Phe Asn Leu Ser Ser Gln Leu Thr Thr His Lys Ile
        35   40   45

Ile His Thr Gly
    50

<210> 3712
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V81G"

<400> 3712
Pro Gly Glu Glu Gly Thr Thr Asn Ser Phe Leu Lys Ala Arg Pro Arg
1   5   10   15

Asp Leu Met Thr Phe Glu Asp Val Ala Gly Gly Glu Phe Ser Gln Trp
            20   25   30

Glu Trp Gly Gln Leu Asn Pro Ala Gln Lys Asp Leu Tyr Arg Glu Val
        35   40   45

Met Leu Glu Asn
    50

<210> 3713
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.H431Y"

<400> 3713
Cys Lys Glu Cys Gly Lys Ala Phe Asn Arg Ala Ser His Leu Thr Gln
1   5   10   15

His Gln Arg Ile His Thr Gly Glu Lys Tyr Tyr Phe Lys Cys Lys Glu
            20   25   30

Cys Gly Lys Ala Phe Asn Arg Gly Ser His Leu Thr Arg His Gln Arg
        35   40   45

Ile His Thr Gly
    50

<210> 3714
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G640C"

<400> 3714
Thr Ser Leu Lys Met Met Gln Ala Val Gly Gly Ala Pro Ala Arg Pro
1   5   10   15

Thr Gly Glu Tyr Ile Cys Asn Gln Cys Cys Cys Ala Lys Tyr Thr Ser
            20   25   30

Leu Asp Ser Phe Gln Thr His Leu Lys Thr His Leu Asp Thr Val Leu
        35   40   45

Pro Lys Leu Thr
    50

<210> 3715
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.P270H"

<400> 3715
Thr Gln Lys Cys Ser Gln Cys Glu Glu Gly Phe Asp Phe Pro Glu Asp
1   5   10   15

Leu Gln Lys His Ile Ala Glu Cys His His His Glu Cys Ser Pro Asn
            20   25   30

Glu Asp Arg Ala Ala Leu Gln Cys Val Tyr Cys His Glu Leu Phe Val
        35   40   45

Glu Glu Thr Ser
    50

<210> 3716
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R279Q"

<400> 3716
Ser Asn Leu Ser Gln His Gln Arg Ile His Thr Gly Glu Lys Pro Tyr
1   5   10   15

Lys Cys His Glu Cys Asp Lys Val Phe Gln Gln Ser Ser Ser Lys Leu
            20   25   30

Ala Gln His Gln Arg Ile His Thr Gly Glu Lys Pro Tyr Lys Cys His
        35   40   45

Glu Cys Asp Lys
    50

<210> 3717
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.N583K"

<400> 3717
Thr Gly Glu Lys Pro Tyr Ser Cys Asn Glu Cys Gly Lys Val Phe Ser
1   5   10   15

Arg Asn Ser His Leu Ala Arg His Arg Lys Lys Ile His Thr Gly Glu
            20   25   30

Lys Pro His Ser Cys Asn Glu Cys Gly Lys Val Phe Ser Arg Asn Ser
        35   40   45

His Leu Ala Arg
    50

<210> 3718
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.G663W"

<400> 3718
Arg Val Phe Arg Thr Tyr His Gln Val Val Val His Ser Arg Val His
1   5   10   15

Lys Arg Asp Arg Lys Gly Glu Glu Asp Trp Trp Leu His Val Gly Leu
            20   25   30

Asp Glu Arg Arg Gly Ser Gly Ser Asp Gln Glu Ser Gln Ser Val Ser
        35   40   45

Arg Ser Thr Thr
    50

<210> 3719
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.G186C"

<400> 3719
Pro Tyr Cys Asp His Arg Ala Ala Gln Lys Gly Asn Leu Lys Ile His
1   5   10   15

Leu Arg Thr His Lys Leu Gly Asn Leu Cys Cys Lys Gly Arg Gly Arg
            20   25   30

Val Arg Glu Glu Asn Arg Leu Leu His Glu Leu Glu Glu Arg Ala Ile
        35   40   45

Leu Arg Asp Lys
    50

<210> 3720
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.E284K"

<400> 3720
Pro Ser Ser Ser His Leu Arg Glu Cys Val Arg Ile Tyr Gly Gly Glu
1   5   10   15

Arg Pro Tyr Thr His Lys Glu Tyr Val Lys Lys Thr Phe Ser His Ser
            20   25   30

Thr Ala Leu Phe Val His Met Gln Thr Gln Asp Gly Glu Lys Phe Tyr
        35   40   45

Glu Cys Lys Ala
    50

<210> 3721
<211> 86
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source

<223> /note="p.W208fs"

<400> 3721
Asn Leu Arg Arg His Met Val Val Gln Gly Gly Asn Arg Pro Tyr Lys
1   5   10   15

Cys Lys Leu Cys Gly Lys Ala Phe Phe Gly Pro Val Tyr Tyr Val Cys
            20   25   30

Met Lys Glu Leu Thr Leu Glu Arg Asn Arg Met Asn Val Ser Ser Val
        35   40   45

Leu Lys Pro Phe Leu Phe Thr Val Pro Ile Glu Asp Met Arg Glu Cys
    50   55   60

Thr Leu Gly Arg Asn Arg Met Asn Val Ser Ser Val Leu Lys Pro Cys
65   70   75   80

Leu Ile Pro Val Pro Ile
                85

<210> 3722
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.K26N"

<400> 3722
Met Asp Ala Val Ala Phe Glu Asp Val Ala Val Asn Phe Thr Gln Glu
1   5   10   15

Glu Trp Ala Leu Leu Gly Pro Ser Gln Asn Asn Asn Leu Tyr Arg Tyr
            20   25   30

Val Met Gln Glu Thr Ile Arg Asn Leu Asp Cys Ile Arg Met Ile Trp
        35   40   45

Glu Glu Gln Asn
    50

<210> 3723
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R350I"

<400> 3723
Thr Gly Lys Lys Pro Tyr Glu Cys Lys Glu Cys Gly Lys Gly Tyr Thr
1 5 10 15

Thr Ala Ser Tyr Phe Leu Leu His Gln Ile Ile Ile His Lys Gly Gly
20 25 30

Lys Pro Tyr Glu Cys Lys Glu Cys Lys Lys Thr Phe Thr Leu Tyr Arg
35 40 45

Asn Leu Thr Arg
50

<210> 3724
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G311S"

<400> 3724
Pro Tyr Lys Cys Asn Glu Cys Gly Lys Ser Phe Ser Tyr Lys Ser Ser
1 5 10 15

Leu Thr Cys His Arg Arg Cys His Thr Ser Ser Glu Lys Pro Tyr Lys
20 25 30

Cys Asn Glu Cys Gly Lys Ser Phe Ser Tyr Lys Ser Ser Leu Thr Cys
35 40 45

His His Arg Cys
50

<210> 3725
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R344I"

<400> 3725
Thr Gly Glu Arg Pro Phe Glu Cys Ile Glu Cys Gly Lys Ala Phe Ser
1 5 10 15

Asn Gly Ser Phe Leu Ala Gln His Gln Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Tyr Val Cys Asn Val Cys Gly Lys Ala Phe Ser His Arg Gly
35 40 45

Tyr Leu Ile Val
50

<210> 3726
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E491D"

<400> 3726
Tyr Met Cys Asn Lys Cys Gly Lys Ala Phe Thr Asn Arg Ser Asn Leu
1 5 10 15

Ile Thr His Gln Lys Thr His Thr Gly Asp Asp Lys Ser Tyr Ile Cys
20 25 30

Ser Lys Cys Gly Lys Ala Phe Thr Gln Arg Ser Asp Leu Ile Thr His
35 40 45

Gln Arg Ile His
50

<210> 3727
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E638K"

<400> 3727
Lys Ser Phe Thr Ser Lys Ser Gln Leu Leu Val His Gln Pro Val His
1 5 10 15

Thr Gly Glu Lys Pro Tyr Val Cys Ala Lys Lys Cys Gly Lys Ala Phe
20 25 30

Ser Gly Arg Ser Asn Leu Ser Lys His Gln Lys Thr His Thr Gly Glu
35 40 45

Lys Pro Tyr Ile
50

<210> 3728
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P500T"

<400> 3728
Pro Gly Ser Gln Thr Gly Lys Lys Gln Gln Ser Thr Ala Leu Gln Ala
1 5 10 15

Ser Thr Leu Ala Pro Ala Asn Leu Leu Thr Thr Lys Ala Val His Leu
20 25 30

Ala Asn Leu Asn Leu Val Pro His Ser Val Ala Ala Ser Val Thr Ala
35 40 45

Lys Ser Ser Val
50

<210> 3729
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K324Q"

<400> 3729
Val Thr Lys Glu Asp Gln Pro Gly His Thr Lys Asp Leu Ser Gly Pro
1 5 10 15

Thr Lys Glu Ser Ser Lys Gly Ser Pro Gln Gln Met Pro Lys Ser Pro
20 25 30

Lys Ser Pro Arg Ser Pro Leu Glu Ala Thr Arg Lys Ser Ile Lys Pro
35 40 45

Ser Asp Ser Pro
50

<210> 3730
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R287I"

<400> 3730
Thr Gly Glu Lys Pro Tyr Glu Cys Tyr Asp Cys Gly Gln Met Phe Ser
1 5 10 15

Gln Ser Ser His Leu Val Pro His Gln Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Leu Lys Cys Asn Glu Cys Glu Lys Ala Phe Arg Gln His Ser
35 40 45

His Leu Thr Glu
50

<210> 3731
<211> 51
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E25G"

<400> 3731
Met Ala Ala Ala Gly Gly Ala Glu Gly Arg Arg Ala Asp Met Glu Ala
1 5 10 15

Glu Ala Ala Ala Ala Pro Glu Arg Gly Gly Gly Gly Ser Cys Val Leu
20 25 30

Cys Cys Gly Asp Leu Glu Ala Thr Ala Leu Gly Arg Cys Asp His Pro
35 40 45

Val Cys Tyr
50

<210> 3732
<211> 70
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A465fs"

<400> 3732
Ser Ala Ala Ala Ala Pro Gly Ser Glu Ala Ser Phe Thr Glu Ser Arg
1 5 10 15

Gly Leu Gln Asn Lys Asn Arg Gly Gly Pro Met Gly Lys Gly Gly Gly
20 25 30

Ala Ala Ser Met Pro Ala Asp Glu Gly His Pro Gln Ile Val Leu Leu
35 40 45

Arg Ile Ser Lys Pro Ala Leu Pro Pro Pro Thr Lys Gly Lys Thr Ser
50 55 60

Leu Gln Trp Ser Trp Thr
65 70

<210> 3733

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R390I"

<400> 3733
Thr Gly Glu Lys Pro Tyr Lys Cys Glu Glu Cys Asp Lys Val Phe Ser
1 5 10 15

Arg Lys Ser Thr Ile Glu Thr His Lys Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Tyr Arg Cys Lys Val Cys Asp Thr Ala Phe Thr Trp His Ser
35 40 45

Gln Leu Ala Arg
50

<210> 3734
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R235Q"

<400> 3734
Thr Gly Glu Lys Pro Tyr Glu Cys Ser Glu Cys Gly Lys Ala Phe His
1 5 10 15

Ser Ser Thr Cys Leu His Ala His Lys Gln Lys Thr His Thr Gly Glu
20 25 30

Lys Pro Tyr Glu Cys Lys Gln Cys Gly Lys Ala Phe Val Ser Phe Asn
35 40 45

Ser Val Arg Tyr
50

<210> 3735

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K473R"

<400> 3735
Thr Gly Glu Lys Phe Tyr Lys Cys Glu Glu Cys Gly Lys Ala Phe Lys
1 5 10 15

Cys Ser Ser Asn Leu Thr Thr His Lys Arg Arg Ile His Thr Gly Glu
20 25 30

Arg Pro Tyr Lys Cys Glu Glu Cys Gly Lys Ala Phe Asn Gln Ser Ser
35 40 45

Ile Leu Thr Thr
50

<210> 3736
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.D400N"

<400> 3736
Ser Gln Ala Asp Ile Pro Ile Arg Ser Pro Phe Gly Ile Val Lys Ala
1 5 10 15

Ser Trp Leu Pro Lys Phe Ser His Ala Asn Asn Ala Gln Lys Met Lys
20 25 30

Arg Leu Pro Thr Pro Ser Met Met Asn Asp Tyr Tyr Ala Ala Ser Pro
35 40 45

Arg Ile Phe Pro
50

<210> 3737

<211> 47
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G21W"

<400> 3737
Met Arg Ser Phe Leu Gln Gln Asp Val Asn Lys Thr Lys Ser Arg Leu
1 5 10 15

Asn Val Leu Asn Trp Trp Leu Ala Asn Asn Met Asp Asp Leu Lys Ile
20 25 30

Asn Thr Asp Ile Thr Gly Ala Lys Glu Glu Leu Leu Asp Asp Asn
35 40 45

<210> 3738
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R154C"

<400> 3738
Ser Leu Gln Ala His Ile Lys Arg Arg His Lys Arg Ala Arg Lys Gln
1 5 10 15

Val Thr Ser Ala Ser Leu Glu Lys Val Cys Cys Pro His Ile Ala Pro
20 25 30

Pro Gln Thr Glu Ile Ser Asp Ile Pro Lys Arg Leu Gln Asp Arg Asp
35 40 45

His Leu Ser Tyr
50

<210> 3739
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R198I"

<400> 3739
Asn Ile Glu Lys Ala His Glu Cys Thr Asp Cys Gly Lys Ala Phe Leu
1 5 10 15

Lys Lys Ser Gln Leu Thr Glu His Lys Ile Ile Ile His Thr Gly Lys
20 25 30

Lys Pro His Val Cys Ser Leu Cys Gly Lys Ala Phe Tyr Lys Lys Tyr
35 40 45

Arg Leu Thr Glu
50

<210> 3740
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K327N"

<400> 3740
Val Ser Cys Asn Lys Ser Phe Lys Lys Leu Trp Ser Leu His Glu His
1 5 10 15

Ile Lys Ile Val His Gly Tyr Ala Glu Asn Asn Lys Phe Ser Cys Glu
20 25 30

Ile Cys Glu Lys Lys Phe Tyr Thr Met Ala His Val Arg Lys His Met
35 40 45

Val Ala His Thr
50

<210> 3741
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R405I"

<400> 3741
Thr Lys Glu Asn Ile Tyr Glu Cys Ser Lys Cys Gly Lys Ser Phe Arg
1 5 10 15

Gly Lys Ser His Leu Ser Val His Gln Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Tyr Glu Cys Ser Ile Cys Gly Lys Thr Phe Ser Gly Lys Ser
35 40 45

His Leu Ser Val
50

<210> 3742
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R220I"

<400> 3742
Thr Lys Val Asn Phe Cys Lys Cys Glu Glu Cys Glu Lys Ala Val Asn
1 5 10 15

Gln Ser Ser Lys Leu Thr Lys His Lys Ile Ile Ile Tyr Thr Cys Glu
20 25 30

Lys Leu Tyr Lys Cys Gln Glu Cys Asp Arg Thr Phe Asn Gln Phe Ser
35 40 45

Asn Leu Thr Glu
50

<210> 3743
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P43T"

<400> 3743
Pro Asp Leu Ile Ile Phe Leu Glu Gln Gly Lys Glu Pro Trp Asn Met
1 5 10 15

Lys Arg His Glu Met Val Glu Glu Pro Thr Thr Val Ile Cys Ser His
20 25 30

Phe Ser Gln Glu Phe Trp Pro Glu Gln Gly Ile Glu Asp Ser Phe Gln
35 40 45

Lys Met Ile Leu
50

<210> 3744
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R451I"

<400> 3744
Pro Gly Glu Lys Pro His Lys Cys Asn Val Cys Gly Arg Ala Phe Ile
1 5 10 15

Gln Ser Ser Ser Leu Val Glu His Gln Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Tyr Lys Cys Asn Lys Cys Asp Lys Ala Phe Ile Lys Arg Ser
35 40 45

His Leu Trp Gly
50

<210> 3745
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R131T"

<400> 3745
Phe Asp Ser Leu Trp Asp Tyr Asp Val Lys Asn Tyr Lys Gly Met Pro
1 5 10 15

Leu Thr Cys Asn Lys Asn Leu Thr His Thr Thr Lys Asp Gln Gln His
20 25 30

Asn Lys Ser Ser Ile His Phe Ser Leu Lys Gln Ser Val Ser Ile Arg
35 40 45

Asp Ser Ala His
50

<210> 3746
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R501W"

<400> 3746
Thr Leu Ala Asn His Lys Arg Ile His Ala Arg Glu Lys Pro Tyr Lys
1 5 10 15

Cys Glu Glu Cys Gly Lys Ala Phe Asn Trp Trp Ser Ser His Leu Thr
20 25 30

Arg His Lys Lys Ile His Thr Gly Glu Lys Leu Tyr Lys Pro Glu Lys
35 40 45

Cys Asp Asn Asn
50

<210> 3747
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.F858C"

<400> 3747
Asp Thr Val Phe Thr His Lys Pro Leu Leu Ser Ser His Phe Asp Gln
1 5 10 15

His Leu Leu Pro Gln Arg Val Ser Val Cys Cys Lys Cys Pro Ser Cys
20 25 30

Pro Leu Leu Phe Ala Gln Lys Arg Thr Met Leu Glu His Leu Lys Asn
35 40 45

Thr His Gln Ser
50

<210> 3748
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R41I"

<400> 3748
Gln Asp Ser Val Val Phe Glu Asp Val Ala Val Asp Phe Thr Gln Glu
1 5 10 15

Glu Trp Ala Leu Leu Asp Leu Ala Gln Ile Ile Asn Leu Tyr Arg Asp
20 25 30

Val Met Leu Glu Asn Phe Gln Asn Leu Ala Ser Leu Gly Tyr Pro Leu
35 40 45

His Thr Pro His
50

<210> 3749
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R337I"

<400> 3749
Thr Gly Glu Lys Pro Tyr Arg Cys Glu Glu Cys Gly Lys Ala Phe Gly
1 5 10 15

Gln Ser Ser Ser Leu Ile His His Gln Ile Ile Ile His Thr Gly Glu
20 25 30

Arg Pro Tyr Gly Cys Arg Glu Cys Gly Lys Ala Phe Ser Gln Gln Ser
35 40 45

Gln Leu Val Arg
50

<210> 3750
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R244I"

<400> 3750
Thr Gly Lys Arg Pro Tyr Glu Cys Arg Glu Cys Gly Lys Asp Phe Ser
1 5 10 15

Arg Ser Ser Ser Leu Arg Lys His Glu Ile Ile Ile His Thr Gly Glu
20 25 30

Arg Pro Tyr Gln Cys Lys Glu Cys Gly Lys Ser Phe Asn Gln Ser Ser
35 40 45

Gly Leu Ser Gln
50

<210> 3751
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S649C"

<400> 3751
Asn Leu Arg Lys His Gly Arg Thr His Thr Gly Glu Lys Pro Tyr Glu
1 5 10 15

Cys Lys Gln Cys Gly Lys Ala Phe Arg Cys Cys Ala Ser Asn Leu Gln
20 25 30

Met His Glu Arg Thr His Thr Gly Glu Lys Pro Tyr Glu Cys Lys Glu
35 40 45

Cys Glu Lys Ala
50

<210> 3752
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.N652H"

<400> 3752
Lys His Gly Arg Thr His Thr Gly Glu Lys Pro Tyr Glu Cys Lys Gln
1 5 10 15

Cys Gly Lys Ala Phe Arg Ser Ala Ser His His Leu Gln Met His Glu
20 25 30

Arg Thr His Thr Gly Glu Lys Pro Tyr Glu Cys Lys Glu Cys Glu Lys
35 40 45

Ala Phe Cys Lys
50

<210> 3753
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q654R"

<400> 3753
Gly Arg Thr His Thr Gly Glu Lys Pro Tyr Glu Cys Lys Gln Cys Gly
1 5 10 15

Lys Ala Phe Arg Ser Ala Ser Asn Leu Arg Arg Met His Glu Arg Thr
20 25 30

His Thr Gly Glu Lys Pro Tyr Glu Cys Lys Glu Cys Glu Lys Ala Phe
35 40 45

Cys Lys Phe Ser
50

<210> 3754
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<220>
<221> source
<223> /note="p.D298N"

<400> 3754
Gly Asn Lys Ile Ile His Thr Gly Glu Lys Pro His Ala Cys Leu Leu
1 5 10 15

Cys Gly Lys Ala Phe Ser Leu Ser Ser Asn Asn Leu Arg
20 25

<210> 3755
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.I8N"

<400> 3755
Met Ala Arg Gly Gln Gln Lys Asn Asn Gln Ser Gln Gln Lys Asn Ala
1   5   10   15

Lys Lys Gln Ala Gly Gln Lys Lys Lys Gln Gly His Asp Gln Lys Ala
            20   25   30

Ala Ala

<210> 3756
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R468I"

<400> 3756
Thr Gly Glu Lys Pro Tyr Glu Cys Lys Gln Cys Gly Lys Ala Phe Ser
1   5   10   15

Cys Ser Ser Ser Phe Arg Met His Glu Ile Ile Ile His Thr Gly Glu
            20   25   30

Lys Pro Tyr Glu Cys Lys Gln Cys Gly Lys Ala Phe Ser Phe Ser Ser
        35   40   45

Ser Phe Arg Met
    50

<210> 3757
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.V411L"

<400> 3757
Ile Cys Lys Lys His Phe Thr Gly Arg Ser Ser Leu Ile Val His Gln

1 5 10 15

Ile Val His Thr Gly Glu Lys Pro Tyr Leu Leu Cys Gly Glu Cys Gly
20 25 30

Lys Ala Phe Ser Gln Ser Ala Tyr Leu Ile Glu His Gln Arg Ile His
35 40 45

Thr Gly Glu Lys
50

<210> 3758
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<220>
<221> source
<223> /note="p.L737fs"

<400> 3758
Ser Val His Thr Lys Asp Gln Pro Leu Lys Cys Lys Arg Cys Lys Arg
1 5 10 15

Gly Phe Arg Gln Gln Asn Glu Leu Lys Asn Ile
20 25

<210> 3759
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.H263L"

<400> 3759
Glu Lys Pro Tyr Arg Cys Glu Glu Cys Gly Lys Ala Phe Ser Trp Ser
1 5 10 15

Ala Ser Leu Thr Lys His Lys Arg Ile Leu Leu Thr Gly Glu Lys Pro
20 25 30

Tyr Thr Cys Glu Glu Arg Gly Lys Val Phe Ser Arg Ser Thr Leu Thr

35 40 45

Asn Tyr Lys Arg
50

<210> 3760
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.N594I"

<400> 3760
Gly Lys Ser Phe His Cys Lys Ser Phe Leu Thr Ile His Gln Arg Thr
1 5 10 15

His Ala Gly Lys Lys Pro Tyr Glu Cys Ile Ile Glu Cys Glu Lys Thr
20 25 30

Phe Ile Asn Lys Leu Asn Leu Gly Ile His Lys Arg Thr His Thr Gly
35 40 45

Glu Arg Pro Tyr
50

<210> 3761
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.C844S"

<400> 3761
Cys Arg Lys Thr Phe Ser Gln Lys Ser Lys Leu Phe Val His His Arg
1 5 10 15

Thr His Thr Gly Glu Lys Pro Phe Arg Ser Ser Asn Glu Cys Arg Lys
20 25 30

Thr Phe Ser Gln Lys Ser Gly Leu Ser Ile His Gln Arg Thr His Thr

35 40 45

Gly Glu Lys Pro
50

<210> 3762
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.W315C"

<400> 3762
Lys Pro Ser Ile Ser Lys Ser Asp Leu Met Leu Gln Cys Lys Met Pro
1 5 10 15

Thr Glu Glu Lys Pro Tyr Ala Cys Asn Cys Cys Cys Glu Lys Leu Phe
20 25 30

Ser Tyr Lys Ser Ser Leu Ile Ile His Gln Arg Ile His Thr Gly Glu
35 40 45

Lys Pro Tyr Gly
50

<210> 3763
<211> 149
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.S96fs"

<400> 3763
Leu Asp Pro Lys Gln Thr Asn Gln Pro Asp Ala Thr Ala Lys Pro Ala
1 5 10 15

Ser Ser Lys Ser Val Ala Asn Gly Leu Cys Leu Arg Leu Glu Ala Ser
20 25 30

Ala Gln Leu Cys Gln Gly Arg His Gln Gly Lys Pro Gly Ala Ala Ser

```
        35                  40                  45

Pro Gly Asn Pro Gln Val Pro Gly Thr Glu Ala Ser Pro Pro Gln Gly
    50                  55                  60

Ile Thr Leu Gln Glu Pro Ser Ser Gly Ser Arg Pro Arg Cys Pro Ala
65                  70                  75                  80

Cys Ser Gly Arg Arg Ser Ser Ala Phe Cys Ile Cys Ser Ser Arg Arg
                85                  90                  95

Ala Gln Thr Gln Gly Ala Arg Gln Arg Arg Gly Ala Arg Asp Thr Gly
            100                 105                 110

Phe Thr Gln Pro His Cys Gln Gly Arg Val Phe Pro His Gln Val Gly
        115                 120                 125

Leu Pro His Ser Trp Leu Pro Leu Glu Ser Arg Leu Thr Phe Pro Ser
    130                 135                 140

Thr Arg Val Ser Thr
145


<210> 3764
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"


<220>
<221> source
<223> /note="p.S254L"

<400> 3764
Leu Leu Arg Lys His Gln Leu Ile His Leu Gly Glu Lys Gln Tyr Lys
1               5                   10                  15

Cys Asp Ile Cys Gly Lys Val Phe Asn Leu Leu Lys Arg Tyr Val Ala
            20                  25                  30

Arg His Arg Arg Cys His Thr Gly Glu Lys Pro Tyr Lys Cys Asn Glu
        35                  40                  45

Cys Gly Lys Thr
    50


<210> 3765
```

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R423Q"

<400> 3765
Thr Gly Glu Arg Pro Tyr Lys Cys Gly Glu Cys Gly Lys Ser Phe Asn
1 5 10 15

Gln Ser Ser His Phe Ile Thr His Gln Gln Gln Ile His Leu Gly Asp
20 25 30

Arg Pro Tyr Arg Cys Pro Glu Cys Gly Lys Thr Phe Asn Gln Arg Ser
35 40 45

His Phe Leu Thr
50

<210> 3766
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R466Q"

<400> 3766
Ser Asn Glu Lys Pro Phe Val Cys Arg Glu Cys Glu Met Ala Phe Arg
1 5 10 15

Tyr His Cys Gln Leu Ile Glu His Ser Gln Gln Ile His Thr Gly Asp
20 25 30

Lys Pro Phe Glu Cys Gln Asp Cys Gly Lys Ala Phe Asn Arg Gly Ser
35 40 45

Ser Leu Val Gln
50

<210> 3767

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G484W"

<400> 3767
Phe Asn Tyr Lys Ser Ile Leu Ile Val His Gln Arg Thr His Thr Gly
1 5 10 15

Glu Lys Pro Phe Glu Cys Asn Glu Cys Trp Trp Lys Ser Phe Ser His
20 25 30

Met Ser Gly Leu Arg Asn His Arg Arg Thr His Thr Gly Glu Arg Pro
35 40 45

Tyr Lys Cys Asp
50

<210> 3768
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C145F"

<400> 3768
Lys Pro His Asn Arg Asp Ile Asn Ile Phe Arg Ala Arg Met Met Pro
1 5 10 15

Cys Lys Cys Asp Ile Ala Gly Ser Ala Phe Phe Gln Gly Leu Ser Leu
20 25 30

Met Ala Pro His Cys Gln Tyr Ser Lys Glu Lys Ala His Glu Arg Asn
35 40 45

Val Cys Asp Lys
50

<210> 3769

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.K247T"

<400> 3769
Lys Ala Phe Leu Glu Lys Ala Ala Leu Val Thr Ser Asn Ser Thr His
1 5 10 15

Pro Lys Gly Lys Ser Tyr Asn Phe Asn Thr Thr Phe Gly Glu Asn Lys
20 25 30

Tyr Asp Lys Ser Thr Phe Ile Ile Pro Gln Asn Met Asn Pro Glu Lys
35 40 45

Ser His Tyr Glu
50

<210> 3770
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.W41G"

<400> 3770
Ile Arg Val Asp Ala Gly His Lys Pro His Glu Tyr Gln Glu Tyr Gly
1 5 10 15

Glu Lys Arg Asn Thr Arg Lys Gln Phe Gly Gly Lys Thr Phe Ser Tyr
20 25 30

Cys His Ser Phe Gln Thr His Lys Ile Ser His Thr Gly His Lys Pro
35 40 45

Tyr Asp Cys Lys
50

<210> 3771

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.T43A"

<400> 3771
Val Asp Ala Gly His Lys Pro His Glu Tyr Gln Glu Tyr Gly Glu Lys
1 5 10 15

Arg Asn Thr Arg Lys Gln Phe Trp Lys Ala Ala Phe Ser Tyr Cys His
20 25 30

Ser Phe Gln Thr His Lys Ile Ser His Thr Gly His Lys Pro Tyr Asp
35 40 45

Cys Lys Glu Cys
50

<210> 3772
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.C453R"

<400> 3772
Lys Ala Tyr Arg Ile Ser Ser Ser Leu Arg Arg His Glu Thr Thr His
1 5 10 15

Thr Gly Glu Lys Pro Tyr Lys Cys Lys Arg Arg Gly Lys Ala Phe Ile
20 25 30

Asp Phe Tyr Ser Phe Gln Asn His Lys Thr Thr His Ala Gly Glu Lys
35 40 45

Pro Tyr Glu Cys
50

<210> 3773

<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P644S"

<400> 3773
Asn Asp Ile Asp Glu Asp Leu Ser Phe Pro Ser Tyr Ile Ser Arg Phe
1 5 10 15

Lys Lys His Lys Leu Ile Pro Cys Ser Ser Ser His Leu Glu Phe Glu
20 25 30

Asp Glu Arg Gln Phe Asn Cys Lys Ser Ser Pro Cys Thr Val Gly Gly
35 40 45

His Ser Asp His Gly
50

<210> 3774
<211> 53
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.G320E"

<400> 3774
Lys His Glu Cys Gly Glu Cys Gly Lys Ser Phe Ser Lys Tyr Val Ser
1 5 10 15

Phe Ser Asn His Gln Arg Val His Thr Glu Glu Lys Arg Pro Tyr Glu
20 25 30

Cys Gly Glu Cys Gly Lys Ser Phe Ser Lys Tyr Ala Ser Phe Ser Asn
35 40 45

His Gln Arg Val His
50

<210> 3775

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P323H"

<400> 3775
Cys Gly Glu Cys Gly Lys Ser Phe Ser Lys Tyr Val Ser Phe Ser Asn
1 5 10 15

His Gln Arg Val His Thr Gly Lys Arg His His Tyr Glu Cys Gly Glu
20 25 30

Cys Gly Lys Ser Phe Ser Lys Tyr Ala Ser Phe Ser Asn His Gln Arg
35 40 45

Val His Thr Glu
50

<210> 3776
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Y324H"

<400> 3776
Gly Glu Cys Gly Lys Ser Phe Ser Lys Tyr Val Ser Phe Ser Asn His
1 5 10 15

Gln Arg Val His Thr Gly Lys Arg Pro His His Glu Cys Gly Glu Cys
20 25 30

Gly Lys Ser Phe Ser Lys Tyr Ala Ser Phe Ser Asn His Gln Arg Val
35 40 45

His Thr Glu Lys
50

<210> 3777

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R547I"

<400> 3777
Ser Gly Glu Lys Pro Tyr Glu Cys Lys Glu Cys Gly Lys Ala Phe Ser
1 5 10 15

Trp Leu Thr Cys Leu Leu Arg His Glu Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Tyr Glu Cys Leu Gln Cys Gly Lys Ala Phe Thr Arg Ser Arg
35 40 45

Phe Leu Arg Gly
50

<210> 3778
<211> 71
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.A49fs"

<400> 3778
Pro Gly Gly Gln Ala Ser Pro His Leu Thr Leu Gly Pro Val Leu Leu
1 5 10 15

Pro Pro Glu Gln Gly Leu Ala Pro Pro His Cys Val Pro Glu Gly Pro
20 25 30

Ala His Pro Thr Val Pro His Gly Ala Ser Arg Gly Pro Pro Ala Pro
35 40 45

Arg Pro Ala Ser Asp Gly Gln Pro Arg Trp Gly Gln Arg Ala Leu His
50 55 60

Thr Gln Pro Cys Ala Ala Ala

65 70

<210> 3779
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q617K"

<400> 3779
Ala Arg Glu Ala Met Ala Gly Lys Gly Arg Ala Gly Gly Arg Lys Cys
1 5 10 15

Gly Gln Arg Arg Leu Lys Met Phe Ser Lys Lys Glu Lys Trp Gln Val
20 25 30

Tyr Gly Asp Glu Thr Phe Lys Arg Ile Tyr Gln Lys Met Lys Ala Ser
35 40 45

Pro His Gly Gly
50

<210> 3780
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.E949D"

<400> 3780
Gln Ala Pro Arg Val Leu Ser Ala Leu Ala Asp Asn Ala Phe Ser Pro
1 5 10 15

Lys Tyr Leu Leu Arg Leu Pro Gln Ala Asp Asp Thr Pro Leu Pro Leu
20 25 30

Pro Ile Pro Trp Gly Pro Arg His Ser Gln Asp Ser Leu Cys Ser Ser
35 40 45

Gly Trp Pro Glu

50

<210> 3781
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R1393Q"

<400> 3781
Glu Gly Asp Cys Arg Gln Thr Leu Gly Thr Leu Ser Leu Gly Thr Ser
1 5 10 15

Ser Arg Ile Val Arg Glu Met Asp Lys Gln Gln Thr Val Lys Asp Ile
20 25 30

Ser Pro Ser Ala Gly Glu His Gly Asp Cys Thr Thr His Ser Thr Ala
35 40 45

Ala Thr Ser Gly
50

<210> 3782
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.I571N"

<400> 3782
Arg Ile His Thr Gly Glu Gln Pro Tyr Lys Cys Asn Val Cys Gly Lys
1 5 10 15

Val Phe Asn Tyr Ser Gly Asn Leu Ser Asn Asn His Lys Arg Ile His
20 25 30

Thr Gly Glu Lys Pro Phe Gln Cys Asn Glu Cys Gly Thr Val Phe Arg
35 40 45

Asn Tyr Ser Cys

50

<210> 3783
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.K608Q"

<400> 3783
Gln Cys Asn Glu Cys Gly Thr Val Phe Arg Asn Tyr Ser Cys Leu Ala
1 5 10 15

Arg His Leu Arg Ile His Thr Gly Gln Gln Gln Pro Tyr Lys Cys Asn
20 25 30

Val Cys Gly Lys Val Phe Asn Asp Ser Gly Asn Leu Ser Asn His Lys
35 40 45

Arg Ile His Thr
50

<210> 3784
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R630I"

<400> 3784
Thr Gly Gln Lys Pro Tyr Lys Cys Asn Val Cys Gly Lys Val Phe Asn
1 5 10 15

Asp Ser Gly Asn Leu Ser Asn His Lys Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Phe Gln Cys Asn Glu Cys Gly Lys Val Phe Ser Tyr Tyr Ser
35 40 45

Cys Leu Ala Arg

50

<210> 3785
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R854I"

<400> 3785
Thr Gly Asp Lys Pro Tyr Lys Cys Asn Glu Cys Gly Lys Ala Phe Ile
1 5 10 15

Glu Arg Ser Lys Leu Val Tyr His Gln Ile Ile Asn His Thr Gly Glu
20 25 30

Lys Pro Tyr Lys Cys Ile Glu Cys Gly Lys Ala Phe Gly Arg Phe Ser
35 40 45

Cys Leu Asn Lys
50

<210> 3786
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R757I"

<400> 3786
Thr Gly Glu Met Pro Tyr Lys Cys Ile Glu Cys Gly Lys Val Phe Asn
1 5 10 15

Ser Thr Thr Thr Leu Ala Arg His Arg Ile Ile Ile His Thr Gly Glu
20 25 30

Lys Pro Tyr Lys Cys Asn Glu Cys Gly Lys Val Phe Arg Tyr Arg Ser
35 40 45

Gly Leu Ala Arg

50

<210> 3787
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.M423I"

<400> 3787
Leu Thr Arg His Arg Arg Leu His Thr Gly Glu Lys Pro Tyr Lys Cys
1 5 10 15

Asn Asp Cys Gly Lys Thr Phe Ser Gln Ile Ile Ser Ser Leu Val Tyr
20 25 30

His Arg Arg Leu His Thr Gly Glu Lys Pro Tyr Lys Cys Glu Glu Cys
35 40 45

Asp Glu Ala Phe
50

<210> 3788
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.R925H"

<400> 3788
Ala His Leu Ala Cys His His Arg Ile His Thr Gly Glu Lys Pro Tyr
1 5 10 15

Lys Cys Asn Glu Cys Gly Lys Thr Phe His His His Asn Ser Val Leu
20 25 30

Val Ile His Lys Thr Ile His Thr Gly Glu Lys Pro Tyr Lys Cys Asn
35 40 45

Glu Cys Gly Lys

50

<210> 3789
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.Q406R"

<400> 3789
Glu Cys Lys Glu Cys Gly Lys Val Phe Arg His Lys Phe Cys Leu Thr
1 5 10 15

Asn His His Arg Met His Thr Gly Glu Arg Arg Pro Tyr Lys Cys Asn
20 25 30

Glu Cys Gly Lys Ala Phe Arg Asp Cys Ser Gly Leu Thr Ala His Leu
35 40 45

Leu Ile His Thr
50

<210> 3790
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<220>
<221> source
<223> /note="p.V362fs"

<400> 3790
Val Met Ser Gln Trp Ser Arg Ser Ala Ser Arg Asn Arg Arg His Val
1 5 10 15

Thr Glu Glu Ala Asp Val Thr Val Gly Ala Thr Asp Leu Pro Gly Gln
20 25 30

Glu Gly

<210> 3791

<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.R154C"

<400> 3791
Asn Phe Glu Glu Ser Met Ser Gly Ile Tyr Thr Cys Phe Leu Glu Tyr
1 5 10 15

Lys Pro Thr Val Glu Glu Ile Val Lys Cys Cys Leu Gln Leu Lys Tyr
20 25 30

Ala Ile Tyr Ala Tyr Arg Glu Pro His Tyr Tyr Tyr Gln Phe Thr Ala
35 40 45

Arg Tyr His Ala
50

<210> 3792
<211> 38
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.P225fs"

<400> 3792
Ser Ser Ile Leu Ser Asp Gly Val Tyr Glu Arg His Met Asp Pro Leu
1 5 10 15

Leu Leu Pro Gly Glu Leu Ala Ser Pro Gln Pro Gly Pro Trp Ser Trp
20 25 30

Gly Asp Pro Gly Thr Phe
35

<210> 3793
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.S214Y"

<400> 3793
Thr Ser Met Leu Lys Cys Pro Leu Cys Arg Lys Glu Phe Ala Pro Leu
1 5 10 15

Lys Leu Ile Leu Glu Glu Phe Lys Asn Tyr Tyr Ser Lys Leu Val Ala
20 25 30

Ala Ala Glu Lys Glu Arg Leu Asp Lys His Leu Gly Ile Pro Cys Asn
35 40 45

Asn Cys Lys Gln
50

<210> 3794
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.E407K"

<400> 3794
Gly Pro Ser Leu Gln Pro Thr Met Ala Pro Ala Pro Glu Leu Leu Gln
1 5 10 15

Lys Gly Ser Thr Cys Ile Thr Asn Thr Lys Lys Gly Trp Val Gly His
20 25 30

Pro Leu Asp Pro Ile Gly Cys Leu Cys Arg Ala Leu Leu Glu Ala Cys
35 40 45

Arg Leu Glu Glu
50

<210> 3795
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.Q610fs"

<400> 3795
Leu Ala Ile Ala Ile Val Asn Thr Leu Arg Arg Gln Gln Gln Lys Gln
1 5 10 15

Leu Glu Met Phe Arg Thr Gln Lys Lys Ser Tyr Pro Ile Lys Thr
20 25 30

<210> 3796
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source
<223> /note="p.V30A"

<400> 3796
Pro Ser His Ser Ser Glu Asp Glu Ala Ala Ala Ala Gly Gly Glu Gly
1 5 10 15

Trp Gly Pro His Gln Asp Trp Ala Ala Ala Ala Ser Gly Thr Thr Pro
20 25 30

Gly Pro Gly Val Ala Ala Pro Ala Leu Pro Pro Ala Ala Ala Leu Leu
35 40 45

Glu Pro Ala Arg
50

<210> 3797
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polypeptide"

<220>
<221> source

<223> /note="p.R5Q"

<400> 3797
Met Ala Ala Ser Gln Gln Ser Thr Arg Val Thr Arg Ser Thr Val Gly
1   5   10   15

Leu Asn Gly Leu Asp Glu Ser Phe Cys Gly Arg Thr Leu Arg Asn
            20   25   30

<210> 3798
<211> 52
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      polypeptide"

<220>
<221> source
<223> /note="p.R162Q"

<400> 3798
Ile Lys Ser Asp Lys Glu Ser Val Glu Gln Arg Ser Thr Val Val Asp
1   5   10   15

Asn Asp Ala Asp Phe Gln Gly Thr Lys Gln Gln Ala Cys Arg Cys Leu
            20   25   30

Ile Leu Asp Asp Cys Glu Lys Arg Glu Ile Lys Lys Val Asn Val Ser
        35   40   45

Glu Glu Gly Pro
    50

<210> 3799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 3799
Val Gln Lys Tyr Phe Pro Glu Thr Trp
1   5

<210> 3800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3800
Gln Lys Tyr Phe Pro Glu Thr Trp Ile
1 5

<210> 3801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3801
Glu Thr Val Gln Lys Tyr Phe Pro Glu Thr
1 5 10

<210> 3802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3802
Val Gln Lys Tyr Phe Pro Glu Thr Trp Ile
1 5 10

<210> 3803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3803
Gln Lys Tyr Phe Pro Glu Thr Trp Ile Trp
1 5 10

<210> 3804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3804
Glu Pro His Thr Glu Thr Val Gln Lys Tyr
1 5 10

<210> 3805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3805
His Ser Glu Pro Ala Phe His Tyr Leu
1 5

<210> 3806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3806
Met Pro Gln Gly His Ser Glu Pro Ala
1 5

<210> 3807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3807
Pro Gln Gly His Ser Glu Pro Ala Phe
1 5

<210> 3808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3808
Gly His Ser Glu Pro Ala Phe His Tyr
1 5

<210> 3809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3809
Phe His Tyr Leu Glu Ala Leu Val Leu
1 5

<210> 3810
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3810
Glu Pro Ala Phe His Tyr Leu Glu Ala
1 5

<210> 3811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3811
Gln Gly His Ser Glu Pro Ala Phe His Tyr
1 5 10

<210> 3812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3812
Glu Pro Ala Phe His Tyr Leu Glu Ala Leu
1 5 10

<210> 3813
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3813
Met Pro Gln Gly His Ser Glu Pro Ala Phe
1 5 10

<210> 3814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3814
Ser Glu Pro Ala Phe His Tyr Leu Glu Ala
1 5 10

<210> 3815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3815
Ile Asp Leu Ser Trp Arg Asp Thr Ile
1 5

<210> 3816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3816
Ser Trp Arg Asp Thr Ile Leu Asn Gly
1 5

<210> 3817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3817
Asp Thr Ile Leu Asn Gly Thr Cys Val
1 5

<210> 3818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3818
Ile Asp Leu Ser Trp Arg Asp Thr Ile Leu
1 5 10

<210> 3819
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3819
Met Ala Lys Thr Val Gly Leu Pro Thr Arg
1 5 10

<210> 3820
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3820
Leu Pro Thr Arg His Gly Ser Gln Asn Val
1 5 10

<210> 3821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3821

Val His Arg Ile Ile His Thr Gly Glu Lys
1 5 10

<210> 3822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3822
Gln Ser Ala Asn Leu Tyr Val His Arg Ile
1 5 10

<210> 3823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3823
Lys Thr Val Thr Asp Thr Val Arg Arg
1 5

<210> 3824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3824
Val Thr Asp Thr Val Arg Arg Ala Leu Val
1 5 10

<210> 3825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3825
Ala Ala Lys Thr Val Thr Asp Thr Val Arg
1 5 10

<210> 3826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3826
Asp Ala Ala Lys Thr Val Thr Asp Thr Val
1 5 10

<210> 3827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3827
Thr Val Thr Asp Thr Val Arg Arg Ala Leu
1 5 10

<210> 3828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3828
His Met Trp Arg Ala Ile Gln Thr Ala
1 5

<210> 3829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3829
Ile Gln Thr Ala Phe Lys Asn Arg Lys
1 5

<210> 3830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3830
Met Trp Arg Ala Ile Gln Thr Ala Phe
1 5

<210> 3831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3831
Ala Ile Gln Thr Ala Phe Lys Asn Arg
1 5

<210> 3832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3832
Gln Thr Ala Phe Lys Asn Arg Lys Arg
1 5

<210> 3833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3833
Met Trp Arg Ala Ile Gln Thr Ala Phe Lys
1 5 10

<210> 3834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 3834
Ala Ile Gln Thr Ala Phe Lys Asn Arg Lys
1 5 10

<210> 3835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3835
His Met Trp Arg Ala Ile Gln Thr Ala Phe
1 5 10

<210> 3836
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3836
Lys Gln His Met Trp Arg Ala Ile Gln Thr
1 5 10

<210> 3837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3837
Arg Ala Ile Gln Thr Ala Phe Lys Asn Arg
1 5 10

<210> 3838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3838
Gln His Met Trp Arg Ala Ile Gln Thr Ala

1 5 10

<210> 3839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3839
Met Val Ile Phe Ile Leu Phe Phe Tyr
1 5

<210> 3840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3840
Val Ile Phe Ile Leu Phe Phe Tyr Met
1 5

<210> 3841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3841
Ile Leu Phe Phe Tyr Met Ala Tyr Leu
1 5

<210> 3842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3842
Leu Phe Phe Tyr Met Ala Tyr Leu Trp
1 5

<210> 3843

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3843
Phe Ile Leu Phe Phe Tyr Met Ala Tyr
1 5

<210> 3844
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3844
Met Val Ile Phe Ile Leu Phe Phe Tyr Met
1 5 10

<210> 3845
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3845
Val Ile Phe Ile Leu Phe Phe Tyr Met Ala
1 5 10

<210> 3846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3846
Phe Ile Leu Phe Phe Tyr Met Ala Tyr Leu
1 5 10

<210> 3847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3847
Ile Leu Phe Phe Tyr Met Ala Tyr Leu Trp
1 5 10

<210> 3848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3848
Phe Met Val Ile Phe Ile Leu Phe Phe Tyr
1 5 10

<210> 3849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3849
Ile Phe Ile Leu Phe Phe Tyr Met Ala Tyr
1 5 10

<210> 3850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3850
Lys Leu Lys Cys Thr Gly Ser Ser Leu
1 5

<210> 3851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3851
Cys Thr Gly Ser Ser Leu Phe Leu Lys
1 5

<210> 3852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3852
Thr Gly Ser Ser Leu Phe Leu Lys Lys
1 5

<210> 3853
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3853
Leu Lys Cys Thr Gly Ser Ser Leu Phe
1 5

<210> 3854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3854
Phe Leu Ser Gln Gly Lys Leu Lys Cys Thr
1 5 10

<210> 3855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3855
Cys Thr Gly Ser Ser Leu Phe Leu Lys Lys
1 5 10

<210> 3856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3856
Lys Cys Thr Gly Ser Ser Leu Phe Leu Lys
1 5 10

<210> 3857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3857
Lys Leu Lys Cys Thr Gly Ser Ser Leu Phe
1 5 10

<210> 3858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3858
Gly Lys Leu Lys Cys Thr Gly Ser Ser Leu
1 5 10

<210> 3859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3859
Leu Lys Cys Thr Gly Ser Ser Leu Phe Leu
1 5 10

<210> 3860
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3860
Ala Leu Trp Gln Gln Gln Ile Cys Ala
1 5

<210> 3861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3861
Trp Gln Gln Gln Ile Cys Ala Ile Ala
1 5

<210> 3862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3862
Ala Leu Trp Gln Gln Gln Ile Cys Ala Ile
1 5 10

<210> 3863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3863
Ala Gly Phe Ala Phe Ser Ile Phe Lys
1 5

<210> 3864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3864
Ile Phe Lys Ser Asp Ile Pro Phe Ile
1 5

<210> 3865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3865
Ser Ile Phe Lys Ser Asp Ile Pro Phe
1 5

<210> 3866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3866
Phe Lys Ser Asp Ile Pro Phe Ile Phe
1 5

<210> 3867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3867
Ser Ile Phe Lys Ser Asp Ile Pro Phe Ile
1 5 10

<210> 3868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3868
Val Ala Gly Phe Ala Phe Ser Ile Phe Lys
1 5 10

<210> 3869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3869
Ile Phe Lys Ser Asp Ile Pro Phe Ile Phe
1 5 10

<210> 3870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3870
Lys Ser Asp Ile Pro Phe Ile Phe Thr Phe
1 5 10

<210> 3871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3871
Phe Ala Phe Ser Ile Phe Lys Ser Asp Ile
1 5 10

<210> 3872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3872
Phe Ser Ile Phe Lys Ser Asp Ile Pro Phe
1 5 10

<210> 3873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3873
Arg Thr Ile Asn Val Arg Phe Leu Leu
1 5

<210> 3874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3874
Phe Leu Leu Glu Ile Ile Gly Val Val
1 5

<210> 3875
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3875
Arg Phe Leu Leu Glu Ile Ile Gly Val
1 5

<210> 3876
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3876
Ile Asn Val Arg Phe Leu Leu Glu Ile
1 5

<210> 3877
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3877
Phe Leu Leu Glu Ile Ile Gly Val Val Ser
1 5 10

<210> 3878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3878
Thr Ile Asn Val Arg Phe Leu Leu Glu Ile
1 5 10

<210> 3879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3879
Arg Phe Leu Leu Glu Ile Ile Gly Val Val
1 5 10

<210> 3880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3880
Arg Thr Ile Asn Val Arg Phe Leu Leu Glu
1 5 10

<210> 3881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3881
Thr Leu Val Gly Glu Arg Gly Pro Val
1 5

<210> 3882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3882
Gly Glu Arg Gly Pro Val Glu Trp Trp
1 5

<210> 3883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3883
Ala Glu Ala Glu Asp Arg His Cys Thr
1 5

<210> 3884
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3884
Asp Thr Leu Val Gly Glu Arg Gly Pro Val
1 5 10

<210> 3885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3885

Gly Glu Arg Gly Pro Val Glu Trp Trp Ala
1 5 10

<210> 3886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3886
Phe Leu Gln Gly Val Ala Leu Ala Val
1 5

<210> 3887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3887
Phe Leu Lys Phe Leu Gln Gly Val Ala
1 5

<210> 3888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3888
Leu Lys Phe Leu Gln Gly Val Ala Leu
1 5

<210> 3889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3889
Tyr Val Phe Leu Lys Phe Leu Gln Gly Val
1 5 10

<210> 3890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3890
Phe Leu Lys Phe Leu Gln Gly Val Ala Leu
1 5 10

<210> 3891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3891
Lys Phe Leu Gln Gly Val Ala Leu Ala Val
1 5 10

<210> 3892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3892
Leu Lys Phe Leu Gln Gly Val Ala Leu Ala
1 5 10

<210> 3893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3893
Asn Val Arg Thr Val His Ala Phe Ala
1 5

<210> 3894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3894
Gly Asn Val Arg Thr Val His Ala Phe
1 5

<210> 3895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3895
Val Arg Thr Val His Ala Phe Ala Met
1 5

<210> 3896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3896
Ala Leu Gly Asn Val Arg Thr Val His Ala
1 5 10

<210> 3897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3897
Thr Val His Ala Phe Ala Met Glu Gln Arg
1 5 10

<210> 3898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 3898
Asn Val Arg Thr Val His Ala Phe Ala Met
1 5 10

<210> 3899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3899
Leu Gly Asn Val Arg Thr Val His Ala Phe
1 5 10

<210> 3900
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3900
Ser Leu Asp Trp Ile Gln Leu Phe Leu
1 5

<210> 3901
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3901
Val Ser Leu Asp Trp Ile Gln Leu Phe
1 5

<210> 3902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3902
Asp Trp Ile Gln Leu Phe Leu Asp Leu

1 5

<210> 3903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3903
Leu Glu Ala Lys Val Ser Leu Asp Trp
1 5

<210> 3904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3904
Lys Val Ser Leu Asp Trp Ile Gln Leu Phe
1 5 10

<210> 3905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3905
Ala Lys Val Ser Leu Asp Trp Ile Gln Leu
1 5 10

<210> 3906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3906
Leu Glu Ala Lys Val Ser Leu Asp Trp Ile
1 5 10

<210> 3907

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3907
Leu Asp Trp Ile Gln Leu Phe Leu Asp Leu
1 5 10

<210> 3908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3908
Ile Phe Leu Arg Arg Tyr Phe Trp Lys
1 5

<210> 3909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3909
Phe Ile Phe Leu Arg Arg Tyr Phe Trp
1 5

<210> 3910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3910
Arg Tyr Phe Trp Lys Arg Gln Glu Met
1 5

<210> 3911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3911
Phe Leu Arg Arg Tyr Phe Trp Lys Arg
1 5

<210> 3912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3912
Phe Ile Phe Leu Arg Arg Tyr Phe Trp Lys
1 5 10

<210> 3913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3913
Ile Phe Ile Phe Leu Arg Arg Tyr Phe Trp
1 5 10

<210> 3914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3914
Ile Phe Leu Arg Arg Tyr Phe Trp Lys Arg
1 5 10

<210> 3915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3915
Arg Arg Tyr Phe Trp Lys Arg Gln Glu Met
1 5 10

<210> 3916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3916
Trp Leu Cys Gly Trp Thr Ser Ser Ala
1 5

<210> 3917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3917
Ser Ala Ser Pro Ser Ser Pro Pro Arg
1 5

<210> 3918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3918
Arg Val Arg Cys Gly Gly Trp Leu Cys
1 5

<210> 3919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3919
Asn Gln Ala Pro Phe Phe Cys Leu Arg
1 5

<210> 3920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3920
Gln Ala Pro Phe Phe Cys Leu Arg Val
1 5

<210> 3921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3921
Asn Gln Ala Pro Phe Phe Cys Leu Arg Val
1 5 10

<210> 3922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3922
Ser Ser Ala Ser Pro Ser Ser Pro Pro Arg
1 5 10

<210> 3923
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3923
Arg Val Arg Cys Gly Gly Trp Leu Cys Gly
1 5 10

<210> 3924
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3924
Asp Asn Gln Ala Pro Phe Phe Cys Leu Arg
1 5 10

<210> 3925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3925
Cys Leu Arg Val Arg Cys Gly Gly Trp Leu
1 5 10

<210> 3926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3926
Ile Lys Leu Leu Lys Leu Cys Ala Trp
1 5

<210> 3927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3927
Leu Lys Leu Cys Ala Trp Glu Asn Ile
1 5

<210> 3928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3928
Lys Leu Cys Ala Trp Glu Asn Ile Phe
1 5

<210> 3929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3929
Leu Leu Lys Leu Cys Ala Trp Glu Asn Ile
1 5 10

<210> 3930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3930
Lys Leu Cys Ala Trp Glu Asn Ile Phe Arg
1 5 10

<210> 3931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3931
Cys Ala Trp Glu Asn Ile Phe Arg Thr Arg
1 5 10

<210> 3932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3932
Leu Lys Leu Cys Ala Trp Glu Asn Ile Phe
1 5 10

<210> 3933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3933
Ala Val Ile Val Leu Pro Ala Pro Ile
1 5

<210> 3934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3934
Ile Val Leu Pro Ala Pro Ile Gln Tyr
1 5

<210> 3935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3935
Val Leu Pro Ala Pro Ile Gln Tyr Phe
1 5

<210> 3936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3936
Leu Pro Ala Pro Ile Gln Tyr Phe Ile
1 5

<210> 3937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3937
Val Leu Pro Ala Pro Ile Gln Tyr Phe Ile
1 5 10

<210> 3938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3938
Ile Val Leu Pro Ala Pro Ile Gln Tyr Phe
1 5 10

<210> 3939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3939
Ala Ala Val Ile Val Leu Pro Ala Pro Ile
1 5 10

<210> 3940
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3940
Val Ile Val Leu Pro Ala Pro Ile Gln Tyr
1 5 10

<210> 3941
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3941
Leu Pro Ala Pro Ile Gln Tyr Phe Ile Ala
1 5 10

<210> 3942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3942
Leu Pro Gly Gly Glu Lys Gln Arg Ile
1 5

<210> 3943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3943
Asp Val Leu Pro Gly Gly Glu Lys Gln Arg
1 5 10

<210> 3944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3944
Arg Leu Val Ala Gln Ala Tyr Arg Leu
1 5

<210> 3945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3945
Val Ala Gln Ala Tyr Arg Leu Tyr Phe
1 5

<210> 3946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3946
Arg Ser Arg Leu Val Ala Gln Ala Tyr
1 5

<210> 3947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3947
Leu Val Ala Gln Ala Tyr Arg Leu Tyr
1 5

<210> 3948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3948
Arg Leu Val Ala Gln Ala Tyr Arg Leu Tyr
1 5 10

<210> 3949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3949

Arg Ser Arg Leu Val Ala Gln Ala Tyr Arg
1 5 10

<210> 3950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3950
Leu Val Ala Gln Ala Tyr Arg Leu Tyr Phe
1 5 10

<210> 3951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3951
Ser Phe Arg Ser Arg Leu Val Ala Gln Ala
1 5 10

<210> 3952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3952
Phe Arg Ser Arg Leu Val Ala Gln Ala Tyr
1 5 10

<210> 3953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3953
Ser Arg Leu Val Ala Gln Ala Tyr Arg Leu
1 5 10

<210> 3954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3954
Asp Pro Ala Trp Ala Pro Asn Asn Tyr
1 5

<210> 3955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3955
Ala Trp Ala Pro Asn Asn Tyr Ile Glu Lys
1 5 10

<210> 3956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3956
Trp Ala Pro Asn Asn Tyr Ile Glu Lys Val
1 5 10

<210> 3957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 3957
Asp Pro Ala Trp Ala Pro Asn Asn Tyr Ile
1 5 10

<210> 3958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3958
Leu Gln Gln Pro Gln Thr Arg Gly Ile
1 5

<210> 3959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3959
Gln Thr Arg Gly Ile Arg Gly Ser Ser Ala
1 5 10

<210> 3960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3960
Cys Ala Leu Pro Pro Arg Ala Pro Arg
1 5

<210> 3961
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3961
Leu Leu Ala Asp Cys Ala Leu Pro Pro Arg
1 5 10

<210> 3962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 3962
Asp Cys Ala Leu Pro Pro Arg Ala Pro Arg
1 5 10

<210> 3963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3963
Gly Leu Ala Glu Glu Ile Cys His Met
1 5

<210> 3964
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3964
Glu Ile Cys His Met Phe His Val Ala
1 5

<210> 3965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3965
Leu Ala Glu Glu Ile Cys His Met Phe
1 5

<210> 3966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3966
Ile Cys His Met Phe His Val Ala Trp

1 5

<210> 3967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3967
Glu Glu Ile Cys His Met Phe His Val
1 5

<210> 3968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3968
Gly Leu Ala Glu Glu Ile Cys His Met Phe
1 5 10

<210> 3969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3969
Ile Gly Leu Ala Glu Glu Ile Cys His Met
1 5 10

<210> 3970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3970
Glu Glu Ile Cys His Met Phe His Val Ala
1 5 10

<210> 3971

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3971
Ala Glu Glu Ile Cys His Met Phe His Val
1 5 10

<210> 3972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3972
Ile Leu Gln Trp Lys Thr Ala Arg Thr
1 5

<210> 3973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3973
Val Ile Ser Asp Ile Leu Gln Trp Lys
1 5

<210> 3974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3974
Gln Trp Lys Thr Ala Arg Thr Phe Leu
1 5

<210> 3975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3975
Asp Ile Leu Gln Trp Lys Thr Ala Arg
1 5

<210> 3976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3976
Leu Gln Trp Lys Thr Ala Arg Thr Phe
1 5

<210> 3977
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3977
Gly Val Ile Ser Asp Ile Leu Gln Trp Lys
1 5 10

<210> 3978
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3978
Ile Leu Gln Trp Lys Thr Ala Arg Thr Phe
1 5 10

<210> 3979
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3979
Gln Trp Lys Thr Ala Arg Thr Phe Leu Tyr
1 5 10

<210> 3980
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3980
Leu Gln Trp Lys Thr Ala Arg Thr Phe Leu
1 5 10

<210> 3981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3981
Ser Ser Arg Arg Cys Leu Leu Pro Thr
1 5

<210> 3982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3982
Arg Phe Gly Gly Ile Gly Ser Ser Arg
1 5

<210> 3983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3983
Arg Cys Leu Leu Pro Thr Thr Gly Leu
1 5

<210> 3984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3984
Ser Ser Arg Arg Cys Leu Leu Pro Thr Thr
1 5 10

<210> 3985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3985
Ala Glu Phe Val Thr Arg Phe Gly Gly Ile
1 5 10

<210> 3986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3986
Arg Arg Cys Leu Leu Pro Thr Thr Gly Leu
1 5 10

<210> 3987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3987
Gln Gln Lys Glu Cys Gln Ala Thr Ala
1 5

<210> 3988
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3988
Gln Gln Lys Glu Cys Gln Ala Thr Ala Arg
1 5 10

<210> 3989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3989
Cys Gln Ala Thr Ala Arg Lys Phe Ala Arg
1 5 10

<210> 3990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3990
Lys Glu Cys Gln Ala Thr Ala Arg Lys Phe
1 5 10

<210> 3991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3991
Thr Glu Gln Gln Lys Glu Cys Gln Ala Thr
1 5 10

<210> 3992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3992
Arg Leu Leu Thr Trp His Ala Ala Met
1 5

<210> 3993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3993
Leu Leu Thr Trp His Ala Ala Met Leu
1 5

<210> 3994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3994
Leu Thr Trp His Ala Ala Met Leu Lys
1 5

<210> 3995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3995
His Ala Ala Met Leu Lys Asp Asn Lys
1 5

<210> 3996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3996
Ser Ala Arg Leu Leu Thr Trp His Ala
1 5

<210> 3997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3997
Ala Arg Leu Leu Thr Trp His Ala Ala
1 5

<210> 3998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3998
Arg Leu Leu Thr Trp His Ala Ala Met Leu
1 5 10

<210> 3999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 3999
Leu Leu Thr Trp His Ala Ala Met Leu Lys
1 5 10

<210> 4000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4000
Ser Ala Arg Leu Leu Thr Trp His Ala Ala
1 5 10

<210> 4001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4001
His Ala Ala Met Leu Lys Asp Asn Lys Lys
1 5 10

<210> 4002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4002
Glu Ser Ala Arg Leu Leu Thr Trp His Ala
1 5 10

<210> 4003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4003
Leu Glu Ser Ala Arg Leu Leu Thr Trp His
1 5 10

<210> 4004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4004
Ala Arg Leu Leu Thr Trp His Ala Ala Met
1 5 10

<210> 4005
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4005
Arg Glu Glu Glu Glu Arg Leu Arg Leu
1 5

<210> 4006
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4006
Val Gln Asp Lys Leu Arg Glu Ile Val
1 5

<210> 4007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4007
Ser Ile His Val Asn His Val Gln Asp Lys
1 5 10

<210> 4008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4008
His Val Asn His Val Gln Asp Lys Leu Arg
1 5 10

<210> 4009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4009
Ser Leu Thr Arg Pro His Pro Glu Val
1 5

<210> 4010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4010
Leu Leu Lys Ile Pro Ile Met Gly Met
1 5

<210> 4011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4011
Thr Leu Arg Arg Cys Thr Ser Ser Val
1 5

<210> 4012
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4012
Ile Met Gly Met Thr Leu Thr Leu Arg
1 5

<210> 4013
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4013

Met Gly Met Thr Leu Thr Leu Arg Arg
1 5

<210> 4014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4014
Ser Ser Val Ser Gly Ala Ala Glu Arg
1 5

<210> 4015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4015
Arg Ser Trp Arg Arg Pro Thr Glu Ala
1 5

<210> 4016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4016
Leu Thr Arg Pro His Pro Glu Val Leu
1 5

<210> 4017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4017
Gly Ala Ala Glu Arg Ser Trp Arg Arg
1 5

<210> 4018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4018
Cys Thr Ser Ser Val Ser Gly Ala Ala
1 5

<210> 4019
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4019
Glu Val Leu His Phe Ser Val Gly Val
1 5

<210> 4020
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4020
Arg Pro His Pro Glu Val Leu His Phe
1 5

<210> 4021
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4021
His Pro Glu Val Leu His Phe Ser Val
1 5

<210> 4022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4022
Asn Leu Leu Leu Lys Ile Pro Ile Met
1 5

<210> 4023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4023
Gly Ser Tyr Asp Pro Gln Asn Asn Leu
1 5

<210> 4024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4024
Thr Glu Ala Gly Ser Cys Pro Ala Ala
1 5

<210> 4025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4025
Gly Ser Cys Pro Ala Ala Ala Ser Leu
1 5

<210> 4026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4026
Ala Ala Ala Ser Leu Thr Arg Pro His
1 5

<210> 4027
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4027
Ala Glu Arg Ser Trp Arg Arg Pro Thr
1 5

<210> 4028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4028
Leu Leu Leu Lys Ile Pro Ile Met Gly Met
1 5 10

<210> 4029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4029
Leu Thr Leu Arg Arg Cys Thr Ser Ser Val
1 5 10

<210> 4030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4030
Ser Leu Thr Arg Pro His Pro Glu Val Leu

1 5 10

<210> 4031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4031
Ile Met Gly Met Thr Leu Thr Leu Arg Arg
1 5 10

<210> 4032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4032
Ser Tyr Asp Pro Gln Asn Asn Leu Leu Leu
1 5 10

<210> 4033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4033
Ala Ser Leu Thr Arg Pro His Pro Glu Val
1 5 10

<210> 4034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4034
Leu Thr Arg Pro His Pro Glu Val Leu His
1 5 10

<210> 4035

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4035
Pro Ile Met Gly Met Thr Leu Thr Leu Arg
1 5 10

<210> 4036
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4036
Ser Gly Ala Ala Glu Arg Ser Trp Arg Arg
1 5 10

<210> 4037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4037
Ile Pro Ile Met Gly Met Thr Leu Thr Leu
1 5 10

<210> 4038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4038
Arg Pro Thr Glu Ala Gly Ser Cys Pro Ala
1 5 10

<210> 4039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4039
Gly Ser Tyr Asp Pro Gln Asn Asn Leu Leu
1 5 10

<210> 4040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4040
Leu Lys Ile Pro Ile Met Gly Met Thr Leu
1 5 10

<210> 4041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4041
Thr Glu Ala Gly Ser Cys Pro Ala Ala Ala
1 5 10

<210> 4042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4042
Pro Glu Val Leu His Phe Ser Val Gly Val
1 5 10

<210> 4043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4043
Asp Pro Gln Asn Asn Leu Leu Leu Lys Ile
1 5 10

<210> 4044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4044
Cys Leu His Gln Arg Arg Gly Ala Leu
1 5

<210> 4045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4045
His Gln Arg Arg Gly Ala Leu Ala Glu
1 5

<210> 4046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4046
Gln Arg Arg Gly Ala Leu Ala Glu Leu
1 5

<210> 4047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4047
Cys Leu His Gln Arg Arg Gly Ala Leu Ala
1 5 10

<210> 4048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4048
His Gln Arg Arg Gly Ala Leu Ala Glu Leu
1 5 10

<210> 4049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4049
Tyr Cys Leu His Gln Arg Arg Gly Ala Leu
1 5 10

<210> 4050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4050
Thr Leu Val Phe Trp His Gly Asp Arg
1 5

<210> 4051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4051
Leu Lys Phe Val Thr Leu Val Phe Trp
1 5

<210> 4052
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4052
Phe Trp His Gly Asp Arg Ser Pro Ile
1 5

<210> 4053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4053
Val Thr Leu Val Phe Trp His Gly Asp Arg
1 5 10

<210> 4054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4054
Val Phe Trp His Gly Asp Arg Ser Pro Ile
1 5 10

<210> 4055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4055
His Glu Gln Val Tyr Ile Gln Ser Thr
1 5

<210> 4056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4056
Ile Gln Ser Thr Asp Val Asp Arg Thr Leu
1 5 10

<210> 4057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4057
His Leu Thr Glu Leu Tyr Phe Lys Lys
1 5

<210> 4058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4058
Leu Tyr Phe Lys Lys Gly Glu Tyr Phe
1 5

<210> 4059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4059
Glu Leu Tyr Phe Lys Lys Gly Glu Tyr
1 5

<210> 4060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4060
Lys Lys Gly Glu Tyr Phe Val Glu Met
1 5

<210> 4061
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4061
Leu Tyr Phe Lys Lys Gly Glu Tyr Phe Val
1 5 10

<210> 4062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4062
Ser Cys His Leu Thr Glu Leu Tyr Phe Lys
1 5 10

<210> 4063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4063
Glu Leu Tyr Phe Lys Lys Gly Glu Tyr Phe
1 5 10

<210> 4064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4064
Thr Glu Leu Tyr Phe Lys Lys Gly Glu Tyr
1 5 10

<210> 4065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4065
Phe Lys Lys Gly Glu Tyr Phe Val Glu Met
1 5 10

<210> 4066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4066
Lys Lys Gly Glu Tyr Phe Val Glu Met Tyr
1 5 10

<210> 4067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4067
Gly Ile Tyr Thr Ala Thr Cys Pro Tyr
1 5

<210> 4068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4068
Ile Tyr Thr Ala Thr Cys Pro Tyr Leu
1 5

<210> 4069
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4069
Cys Pro Tyr Leu Asn Trp Ile Ala Ser
1 5

<210> 4070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4070
Thr Ala Thr Cys Pro Tyr Leu Asn Trp
1 5

<210> 4071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4071
Gly Ile Tyr Thr Ala Thr Cys Pro Tyr Leu
1 5 10

<210> 4072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4072
Tyr Thr Ala Thr Cys Pro Tyr Leu Asn Trp
1 5 10

<210> 4073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4073
Thr Ala Thr Cys Pro Tyr Leu Asn Trp Ile
1 5 10

<210> 4074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4074
Asn Ile Thr Trp Met Ala Gly Ala Val
1 5

<210> 4075
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4075
Thr Trp Met Ala Gly Ala Val Thr Lys
1 5

<210> 4076
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4076
Met Ala Gly Ala Val Thr Lys Asp Phe
1 5

<210> 4077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4077

Leu Ser His Asp Asn Ile Thr Trp Met
1 5

<210> 4078
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4078
Met Leu Ser His Asp Asn Ile Thr Trp Met
1 5 10

<210> 4079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4079
Ile Thr Trp Met Ala Gly Ala Val Thr Lys
1 5 10

<210> 4080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4080
Met Ala Gly Ala Val Thr Lys Asp Phe Lys
1 5 10

<210> 4081
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4081
Asp Asn Ile Thr Trp Met Ala Gly Ala Val
1 5 10

<210> 4082
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4082
Trp Met Ala Gly Ala Val Thr Lys Asp Phe
1 5 10

<210> 4083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4083
Phe Met Tyr Asn Phe Gln Leu Val Ser
1 5

<210> 4084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4084
Phe Gln Leu Val Ser Leu Tyr Ala Thr
1 5

<210> 4085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4085
Gln Leu Val Ser Leu Tyr Ala Thr Leu
1 5

<210> 4086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4086
Met Tyr Asn Phe Gln Leu Val Ser Leu
1 5

<210> 4087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4087
Tyr Asn Phe Gln Leu Val Ser Leu Tyr
1 5

<210> 4088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4088
Phe Met Tyr Asn Phe Gln Leu Val Ser Leu
1 5 10

<210> 4089
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4089
Phe Gln Leu Val Ser Leu Tyr Ala Thr Leu
1 5 10

<210> 4090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4090
Ser Leu Tyr Ala Thr Leu Gly Gly Pro Ala
1 5 10

<210> 4091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4091
Met Tyr Asn Phe Gln Leu Val Ser Leu Tyr
1 5 10

<210> 4092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4092
Tyr Asn Phe Gln Leu Val Ser Leu Tyr Ala
1 5 10

<210> 4093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4093
His Gln Ala Tyr Arg His Leu Leu Trp
1 5

<210> 4094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4094
Ala Tyr Arg His Leu Leu Trp Leu Cys

1 5

<210> 4095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4095
Ser Ser Gln His Ser Arg Arg Leu Leu
1 5

<210> 4096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4096
Ser Gln His Ser Arg Arg Leu Leu Ala
1 5

<210> 4097
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4097
His Ser Arg Arg Leu Leu Ala Pro Trp
1 5

<210> 4098
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4098
Arg Leu Leu Ala Pro Trp Arg Pro Gly
1 5

<210> 4099

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4099
His Gln Gly Gln Thr His Gln Ala Tyr
1 5

<210> 4100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4100
Asn Val Leu Pro Pro Arg His Arg Arg
1 5

<210> 4101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4101
Val Leu Pro Pro Arg His Arg Arg Arg
1 5

<210> 4102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4102
Gln Gly Gln Thr His Gln Ala Tyr Arg
1 5

<210> 4103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4103
Arg His Trp His Gln Gly Gln Thr His
1 5

<210> 4104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4104
Gln Ala Tyr Arg His Leu Leu Trp Leu
1 5

<210> 4105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4105
His Gln Ala Tyr Arg His Leu Leu Trp Leu
1 5 10

<210> 4106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4106
Thr His Gln Ala Tyr Arg His Leu Leu Trp
1 5 10

<210> 4107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4107
Gln Thr His Gln Ala Tyr Arg His Leu Leu
1 5 10

<210> 4108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4108
Ser Ser Gln His Ser Arg Arg Leu Leu Ala
1 5 10

<210> 4109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4109
His Ser Arg Arg Leu Leu Ala Pro Trp Arg
1 5 10

<210> 4110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4110
Trp His Gln Gly Gln Thr His Gln Ala Tyr
1 5 10

<210> 4111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4111
Asn Val Leu Pro Pro Arg His Arg Arg Arg
1 5 10

<210> 4112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4112
His Gln Gly Gln Thr His Gln Ala Tyr Arg
1 5 10

<210> 4113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4113
His Leu Leu Trp Leu Cys Gly Gln Ser Arg
1 5 10

<210> 4114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4114
Leu Ala Pro Trp Arg Pro Gly Asn Gln Arg
1 5 10

<210> 4115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4115
Gly Gln Thr His Gln Ala Tyr Arg His Leu
1 5 10

<210> 4116
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4116
Gly Gln Ser Arg Gln Asp Ser Ser Gln His
1 5 10

<210> 4117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4117
Ser Gln His Ser Arg Arg Leu Leu Ala Pro
1 5 10

<210> 4118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4118
Gln His Ser Arg Arg Leu Leu Ala Pro Trp
1 5 10

<210> 4119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4119
Gly Trp Leu Asn Phe Asn Lys Leu Leu
1 5

<210> 4120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4120
Phe Ile Gly Met Glu Ser Ala Cys Ile
1 5

<210> 4121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4121
Ser Ala Cys Ile His Glu Thr Thr Tyr
1 5

<210> 4122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4122
Glu Ser Ala Cys Ile His Glu Thr Thr
1 5

<210> 4123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4123
Met Glu Ser Ala Cys Ile His Glu Thr
1 5

<210> 4124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4124
Glu Ser Ala Cys Ile His Glu Thr Thr Tyr
1 5 10

<210> 4125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4125
Cys Ile His Glu Thr Thr Tyr Asn Ser Ile
1 5 10

<210> 4126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4126
Ser Phe Ile Gly Met Glu Ser Ala Cys Ile
1 5 10

<210> 4127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4127
Met Glu Ser Ala Cys Ile His Glu Thr Thr
1 5 10

<210> 4128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4128
Phe Pro Gly Asp Asp Ala Pro Arg Ala
1 5

<210> 4129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4129
Phe Pro Gly Asp Asp Ala Pro Arg Ala Val
1 5 10

<210> 4130
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4130
Lys Met Gly Trp Leu Lys Thr Gly Ile
1 5

<210> 4131
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4131
Gly Ile Val Ser Lys Leu Phe Trp Ile
1 5

<210> 4132
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4132
Trp Leu Lys Thr Gly Ile Val Ser Lys
1 5

<210> 4133
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4133
Lys Leu Phe Trp Ile Ile Pro Thr Lys
1 5

<210> 4134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4134
Ile Leu Phe Ser Cys Gln Arg His Arg
1 5

<210> 4135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4135
Val Ser Ile Leu Phe Ser Cys Gln Arg
1 5

<210> 4136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4136
Ile Val Ser Lys Leu Phe Trp Ile Ile
1 5

<210> 4137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4137
Asn Gln Lys Pro Val Ser Ile Leu Phe
1 5

<210> 4138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4138
Pro Thr Lys Cys Met Ser Asn Gln Lys
1 5

<210> 4139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4139
Met Glu Ala Ile Ser Pro Leu Lys Met
1 5

<210> 4140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4140
Leu Lys Thr Gly Ile Val Ser Lys Leu
1 5

<210> 4141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4141

Ser Lys Leu Phe Trp Ile Ile Pro Thr
1 5

<210> 4142
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4142
Met Ser Asn Gln Lys Pro Val Ser Ile
1 5

<210> 4143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4143
Lys Met Gly Trp Leu Lys Thr Gly Ile Val
1 5 10

<210> 4144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4144
Trp Leu Lys Thr Gly Ile Val Ser Lys Leu
1 5 10

<210> 4145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4145
Gly Ile Val Ser Lys Leu Phe Trp Ile Ile
1 5 10

<210> 4146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4146
Lys Leu Phe Trp Ile Ile Pro Thr Lys Cys
1 5 10

<210> 4147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4147
Ala Ile Ser Pro Leu Lys Met Gly Trp Leu
1 5 10

<210> 4148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4148
Cys Met Ser Asn Gln Lys Pro Val Ser Ile
1 5 10

<210> 4149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4149
Ile Ser Pro Leu Lys Met Gly Trp Leu Lys
1 5 10

<210> 4150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4150
Gly Trp Leu Lys Thr Gly Ile Val Ser Lys
1 5 10

<210> 4151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4151
Ser Ile Leu Phe Ser Cys Gln Arg His Arg
1 5 10

<210> 4152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4152
Asn Met Glu Ala Ile Ser Pro Leu Lys Met
1 5 10

<210> 4153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4153
Leu Lys Met Gly Trp Leu Lys Thr Gly Ile
1 5 10

<210> 4154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4154
Leu Lys Thr Gly Ile Val Ser Lys Leu Phe
1 5 10

<210> 4155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4155
Met Ser Asn Gln Lys Pro Val Ser Ile Leu
1 5 10

<210> 4156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4156
Ser Asn Gln Lys Pro Val Ser Ile Leu Phe
1 5 10

<210> 4157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4157
Phe Ser Cys Gln Arg His Arg Gly Ile Leu
1 5 10

<210> 4158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4158
Glu Ala Ile Ser Pro Leu Lys Met Gly Trp

1 5 10

<210> 4159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4159
His Phe Gln Arg Glu Leu Ser Leu Leu
1 5

<210> 4160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4160
Asp Gly Phe Pro Glu His Phe Gln Arg
1 5

<210> 4161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4161
Phe Pro Glu His Phe Gln Arg Glu Leu
1 5

<210> 4162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4162
Thr Met Leu Asp Gly Phe Pro Glu His
1 5

<210> 4163

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4163
Met Leu Asp Gly Phe Pro Glu His Phe
1 5

<210> 4164
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4164
Glu His Phe Gln Arg Glu Leu Ser Leu
1 5

<210> 4165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4165
Thr Met Leu Asp Gly Phe Pro Glu His Phe
1 5 10

<210> 4166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4166
Val Ser His Val Val Pro Ile Ser Lys
1 5

<210> 4167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4167
Val Pro Ile Ser Lys Gly Asp Val Leu
1 5

<210> 4168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4168
Gly Val Ser His Val Val Pro Ile Ser Lys
1 5 10

<210> 4169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4169
His Val Val Pro Ile Ser Lys Gly Asp Val
1 5 10

<210> 4170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4170
Leu Glu Met His Ala Asp Leu Ala Gln
1 5

<210> 4171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4171
His Ala Asp Leu Ala Gln Asn Val Leu
1 5

<210> 4172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4172
Lys Leu Ser Leu Glu Met His Ala Asp Leu
1 5 10

<210> 4173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4173
Glu Met His Ala Asp Leu Ala Gln Asn Val
1 5 10

<210> 4174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4174
Met His Ala Asp Leu Ala Gln Asn Val Leu
1 5 10

<210> 4175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4175
Ser Ser Ala Leu Tyr Gly Glu Ser Tyr
1 5

<210> 4176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4176
Ser Ala Leu Tyr Gly Glu Ser Tyr Leu
1 5

<210> 4177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4177
Phe Ser Ser Ala Leu Tyr Gly Glu Ser Tyr
1 5 10

<210> 4178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4178
Ser Ser Ala Leu Tyr Gly Glu Ser Tyr Leu
1 5 10

<210> 4179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4179
His Gln Ile Thr Leu Leu Glu Cys Val
1 5

<210> 4180
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4180
Thr Val Ala His Gln Ile Thr Leu Leu
1 5

<210> 4181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4181
Arg Thr Val Ala His Gln Ile Thr Leu
1 5

<210> 4182
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4182
Phe Leu Val Gln Arg Thr Val Ala His
1 5

<210> 4183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4183
Val Gln Arg Thr Val Ala His Gln Ile
1 5

<210> 4184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4184
Arg Thr Val Ala His Gln Ile Thr Leu Leu
1 5 10

<210> 4185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4185
Val Gln Arg Thr Val Ala His Gln Ile Thr
1 5 10

<210> 4186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4186
Gln Arg Thr Val Ala His Gln Ile Thr Leu
1 5 10

<210> 4187
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4187
His Gln Ile Thr Leu Leu Glu Cys Val Gly
1 5 10

<210> 4188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4188
Gly Leu Leu Tyr Asp Tyr Leu Gln Leu
1 5

<210> 4189
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4189
Leu Leu Tyr Asp Tyr Leu Gln Leu Thr
1 5

<210> 4190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4190
Ile Thr His Tyr His Glu Met Gly Leu
1 5

<210> 4191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4191
His Tyr His Glu Met Gly Leu Leu Tyr
1 5

<210> 4192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4192
His Glu Met Gly Leu Leu Tyr Asp Tyr
1 5

<210> 4193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4193
Gly Leu Leu Tyr Asp Tyr Leu Gln Leu Thr
1 5 10

<210> 4194
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4194
Leu Leu Tyr Asp Tyr Leu Gln Leu Thr Thr
1 5 10

<210> 4195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4195
Ile Thr His Tyr His Glu Met Gly Leu Leu
1 5 10

<210> 4196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4196
Thr His Tyr His Glu Met Gly Leu Leu Tyr
1 5 10

<210> 4197
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4197
Tyr His Glu Met Gly Leu Leu Tyr Asp Tyr
1 5 10

<210> 4198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4198
His Glu Met Gly Leu Leu Tyr Asp Tyr Leu
1 5 10

<210> 4199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4199
Met Gly Leu Leu Tyr Asp Tyr Leu Gln Leu
1 5 10

<210> 4200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4200
Ser Asn Asn His Trp Phe Gln Ser Leu
1 5

<210> 4201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4201
Phe Gln Ser Leu Gln Val Pro Ser Phe
1 5

<210> 4202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4202
Leu Gln Val Pro Ser Phe Ala Gln Met
1 5

<210> 4203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4203
Phe Gln Ser Leu Gln Val Pro Ser Phe Ala
1 5 10

<210> 4204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4204
Ser Leu Gln Val Pro Ser Phe Ala Gln Met
1 5 10

<210> 4205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4205

Leu Gln Val Pro Ser Phe Ala Gln Met Leu
1 5 10

<210> 4206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4206
Trp Phe Gln Ser Leu Gln Val Pro Ser Phe
1 5 10

<210> 4207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4207
Ala Ser Asn Asn His Trp Phe Gln Ser Leu
1 5 10

<210> 4208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4208
Gln Ser Ala Trp Glu Pro Ala Pro Ala
1 5

<210> 4209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4209
Glu Pro Ala Pro Ala Pro Ala Thr Tyr
1 5

<210> 4210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4210
Ala Gln Ala Gln Ser Ala Trp Glu Pro
1 5

<210> 4211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4211
Ala Gln Ser Ala Trp Glu Pro Ala Pro
1 5

<210> 4212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4212
Trp Glu Pro Ala Pro Ala Pro Ala Thr
1 5

<210> 4213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4213
Ala Gln Ser Ala Trp Glu Pro Ala Pro Ala
1 5 10

<210> 4214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4214
Ala Gln Ala Gln Ser Ala Trp Glu Pro Ala
1 5 10

<210> 4215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4215
Ser Ala Trp Glu Pro Ala Pro Ala Pro Ala
1 5 10

<210> 4216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4216
Trp Glu Pro Ala Pro Ala Pro Ala Thr Tyr
1 5 10

<210> 4217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4217
Arg Ile Met Gln His Ala Asp Ala Val
1 5

<210> 4218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4218
Met Gln His Ala Asp Ala Val His Leu
1 5

<210> 4219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4219
Lys Tyr Arg Gln Arg Ile Met Gln His
1 5

<210> 4220
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4220
Phe Ser Lys Tyr Arg Gln Arg Ile Met
1 5

<210> 4221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4221
Ile Met Gln His Ala Asp Ala Val His
1 5

<210> 4222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4222
Ile Met Gln His Ala Asp Ala Val His Leu

1 5 10

<210> 4223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4223
Met Gln His Ala Asp Ala Val His Leu Ile
1 5 10

<210> 4224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4224
Lys Tyr Arg Gln Arg Ile Met Gln His Ala
1 5 10

<210> 4225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4225
Arg Gln Arg Ile Met Gln His Ala Asp Ala
1 5 10

<210> 4226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4226
Ser Lys Tyr Arg Gln Arg Ile Met Gln His
1 5 10

<210> 4227

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4227
Arg Ile Met Gln His Ala Asp Ala Val His
1 5 10

<210> 4228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4228
Cys Thr Arg Leu His Gly Asn Ile Leu
1 5

<210> 4229
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4229
Lys Gln Glu Pro Pro Cys Thr Arg Leu
1 5

<210> 4230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4230
Lys Ile Ala Val Leu Tyr Leu Lys Lys Lys
1 5 10

<210> 4231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4231
Tyr Leu Lys Lys Lys Gln Glu Pro Pro Cys
1 5 10

<210> 4232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4232
Lys Lys Gln Glu Pro Pro Cys Thr Arg Leu
1 5 10

<210> 4233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4233
Lys Gln Glu Pro Pro Cys Thr Arg Leu His
1 5 10

<210> 4234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4234
Arg Ile Val Glu Ile Val Val Ile Ile
1 5

<210> 4235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4235
Val Ile Ile Asp Asn Tyr Leu Tyr Ile
1   5

<210> 4236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4236
Val Val Ile Ile Asp Asn Tyr Leu Tyr
1   5

<210> 4237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4237
Ile Val Val Ile Ile Asp Asn Tyr Leu
1   5

<210> 4238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4238
Phe Arg Ile Val Glu Ile Val Val Ile
1   5

<210> 4239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4239
Ile Ile Asp Asn Tyr Leu Tyr Ile Arg Tyr
1   5   10

<210> 4240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4240
Val Val Ile Ile Asp Asn Tyr Leu Tyr Ile
1 5 10

<210> 4241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4241
Val Ile Ile Asp Asn Tyr Leu Tyr Ile Arg
1 5 10

<210> 4242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4242
His Phe Arg Ile Val Glu Ile Val Val Ile
1 5 10

<210> 4243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4243
Ile Val Val Ile Ile Asp Asn Tyr Leu Tyr
1 5 10

<210> 4244
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4244
Glu Ile Val Val Ile Ile Asp Asn Tyr Leu
1 5 10

<210> 4245
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4245
Val Glu Ile Val Val Ile Ile Asp Asn Tyr
1 5 10

<210> 4246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4246
Lys Thr Lys Thr Val His Glu Glu Ser
1 5

<210> 4247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4247
Lys Thr Lys Thr Val His Glu Glu Ser Lys
1 5 10

<210> 4248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4248
Lys Thr Val His Glu Glu Ser Lys Thr Lys
1 5 10

<210> 4249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4249
Arg Val Phe Ser Phe Thr Glu His Leu
1 5

<210> 4250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4250
Ser Phe Thr Glu His Leu Glu Leu Leu
1 5

<210> 4251
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4251
Phe Ser Phe Thr Glu His Leu Glu Leu
1 5

<210> 4252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4252
Leu Glu Leu Leu Glu Asp His Pro Tyr
1 5

<210> 4253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4253
His Leu Glu Leu Leu Glu Asp His Pro Tyr
1 5 10

<210> 4254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4254
Val Phe Ser Phe Thr Glu His Leu Glu Leu
1 5 10

<210> 4255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4255
Leu Arg Val Phe Ser Phe Thr Glu His Leu
1 5 10

<210> 4256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4256
Phe Ser Phe Thr Glu His Leu Glu Leu Leu
1 5 10

<210> 4257
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4257
Leu Glu Leu Leu Glu Asp His Pro Tyr Ile
1 5 10

<210> 4258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4258
Trp Ser Phe Gly Lys Val Cys Tyr Leu
1 5

<210> 4259
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4259
Cys Tyr Leu Glu Tyr Ala Gly Ser Val
1 5

<210> 4260
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4260
Ala Trp Ser Phe Gly Lys Val Cys Tyr
1 5

<210> 4261
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4261
Phe Gly Lys Val Cys Tyr Leu Glu Tyr
1 5

<210> 4262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4262
Ser Phe Gly Lys Val Cys Tyr Leu Glu Tyr
1 5 10

<210> 4263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4263
Leu Ala Trp Ser Phe Gly Lys Val Cys Tyr
1 5 10

<210> 4264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4264
Leu Val Cys Thr Tyr Pro Thr Gln Lys
1 5

<210> 4265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4265
Cys Thr Tyr Pro Thr Gln Lys Pro Phe
1 5

<210> 4266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4266
Arg Leu Val Cys Thr Tyr Pro Thr Gln Lys
1 5 10

<210> 4267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4267
Cys Thr Tyr Pro Thr Gln Lys Pro Phe His
1 5 10

<210> 4268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4268
Val Cys Thr Tyr Pro Thr Gln Lys Pro Phe
1 5 10

<210> 4269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4269

Tyr Ile Met Leu Asn Ile Gln Ile Val
1 5

<210> 4270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4270
Ile Met Leu Asn Ile Gln Ile Val Leu
1 5

<210> 4271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4271
Met Leu Asn Ile Gln Ile Val Leu Val
1 5

<210> 4272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4272
Met Tyr Ile Met Leu Asn Ile Gln Ile
1 5

<210> 4273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4273
Ser Met Tyr Ile Met Leu Asn Ile Gln Ile
1 5 10

<210> 4274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4274
Tyr Ile Met Leu Asn Ile Gln Ile Val Leu
1 5 10

<210> 4275
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4275
Ile Met Leu Asn Ile Gln Ile Val Leu Val
1 5 10

<210> 4276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4276
Met Tyr Ile Met Leu Asn Ile Gln Ile Val
1 5 10

<210> 4277
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4277
Ile Gln Ile Val Leu Val Gly Leu Glu Ile
1 5 10

<210> 4278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4278
Cys Ala Gly Phe Asn Arg Pro Cys Lys
1 5

<210> 4279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4279
Cys Lys Thr Leu Gly Leu Ser His Leu
1 5

<210> 4280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4280
Lys Thr Leu Gly Leu Ser His Leu Ser Gly
1 5 10

<210> 4281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4281
Phe Asn Arg Pro Cys Lys Thr Leu Gly Leu
1 5 10

<210> 4282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4282
Ala Gly Phe Asn Arg Pro Cys Lys Thr Leu
1 5 10

<210> 4283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4283
Thr Pro Ala Ile Ser Ser Pro Ser Ala
1 5

<210> 4284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4284
Ile Ser Ser Pro Ser Ala Thr Thr Ala
1 5

<210> 4285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4285
Ala Ile Ser Ser Pro Ser Ala Thr Thr Ala
1 5 10

<210> 4286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4286
Ser Ser Pro Ser Ala Thr Thr Ala Ser Lys

1 5 10

<210> 4287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4287
Ser Thr Pro Ala Ile Ser Ser Pro Ser Ala
1 5 10

<210> 4288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4288
Thr Pro Ala Ile Ser Ser Pro Ser Ala Thr
1 5 10

<210> 4289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4289
Asp Leu Pro Asn Leu Leu Cys Leu Val
1 5

<210> 4290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4290
Asn Leu Leu Cys Leu Val Gly Asp Gln Leu
1 5 10

<210> 4291

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4291
Phe Ser Gly Thr Thr Phe Asn Tyr Arg
1 5

<210> 4292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4292
Lys Phe Ser Gly Thr Thr Phe Asn Tyr
1 5

<210> 4293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4293
Thr Thr Phe Asn Tyr Arg Arg Ser Tyr
1 5

<210> 4294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4294
Ser Gly Thr Thr Phe Asn Tyr Arg Arg
1 5

<210> 4295
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4295
Phe Ser Gly Thr Thr Phe Asn Tyr Arg Arg
1 5 10

<210> 4296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4296
Lys Phe Ser Gly Thr Thr Phe Asn Tyr Arg
1 5 10

<210> 4297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4297
Tyr Lys Phe Ser Gly Thr Thr Phe Asn Tyr
1 5 10

<210> 4298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4298
Gly Thr Thr Phe Asn Tyr Arg Arg Ser Tyr
1 5 10

<210> 4299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4299
Arg Gln Arg Lys Cys Asp Thr Pro Pro
1 5

<210> 4300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4300
Arg Gln Arg Lys Cys Asp Thr Pro Pro Pro
1 5 10

<210> 4301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4301
Leu His Asn Asn Thr Thr Arg Ser Val
1 5

<210> 4302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4302
Ser Val Arg Cys Ile Gln Pro Leu His Asn
1 5 10

<210> 4303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4303
Leu His Asn Asn Thr Thr Arg Ser Val His
1 5 10

<210> 4304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4304
Cys Leu His Gly Leu Cys Val Asn Lys
1 5

<210> 4305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4305
Gly Met His Cys Leu His Gly Leu Cys Val
1 5 10

<210> 4306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4306
Gly Pro Gly Met His Cys Leu His Gly Leu
1 5 10

<210> 4307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4307
Ser Pro Leu Met Glu Gln Glu Cys Ser Leu
1 5 10

<210> 4308
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4308
Val Leu Gln Tyr Trp Gly Ala Glu Leu
1 5

<210> 4309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4309
Ala Leu Leu Gly Val Leu Gln Tyr Trp
1 5

<210> 4310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4310
Gln Tyr Trp Gly Ala Glu Leu His Leu
1 5

<210> 4311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4311
Leu Gln Tyr Trp Gly Ala Glu Leu His
1 5

<210> 4312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4312
Leu Leu Gly Val Leu Gln Tyr Trp Gly Ala
1 5 10

<210> 4313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4313
Leu Gln Tyr Trp Gly Ala Glu Leu His Leu
1 5 10

<210> 4314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4314
Gly Ala Leu Leu Gly Val Leu Gln Tyr Trp
1 5 10

<210> 4315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4315
Trp Gly Ala Glu Leu His Leu Gln Pro Leu
1 5 10

<210> 4316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4316
Lys Gly Arg Ile Cys Met Gln Gly Lys
1 5

<210> 4317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4317
Thr Pro Cys Gly Lys Gly Arg Ile Cys Met
1 5 10

<210> 4318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4318
Lys Pro Met Ala Asp Gly Gly Trp Ala
1 5

<210> 4319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4319
Glu Glu Val Glu Arg Pro Lys Pro Met
1 5

<210> 4320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4320
Met Ala Asp Gly Gly Trp Ala Pro Trp
1 5

<210> 4321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4321
Pro Met Ala Asp Gly Gly Trp Ala Pro Trp
1 5 10

<210> 4322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4322
Glu Glu Glu Val Glu Arg Pro Lys Pro Met
1 5 10

<210> 4323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4323
His Phe Asp Trp Lys His Phe Asn Ile
1 5

<210> 4324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4324
Cys Ala His Phe Asp Trp Lys His Phe
1 5

<210> 4325
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4325
Trp Lys His Phe Asn Ile Asn Gly Leu
1 5

<210> 4326
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4326
Asp Glu Gln Cys Ala His Phe Asp Trp
1 5

<210> 4327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4327
Ala His Phe Asp Trp Lys His Phe Asn Ile
1 5 10

<210> 4328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4328
Trp Lys His Phe Asn Ile Asn Gly Leu Leu
1 5 10

<210> 4329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4329
Trp Leu Leu Gly Ala Pro Gly Ala Leu
1 5

<210> 4330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4330
Gly Ser Trp Leu Ser Leu Glu Pro Val
1 5

<210> 4331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4331
Ser Leu Glu Pro Val Leu Arg Ala Val
1 5

<210> 4332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4332
Arg Ala Val Arg Pro Gly Pro Glu Lys
1 5

<210> 4333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4333

Ser Trp Leu Ser Leu Glu Pro Val Leu
1 5

<210> 4334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4334
His Pro Val Leu Pro Ala Ala Pro Leu
1 5

<210> 4335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4335
Leu Pro Ala Ala Pro Leu Trp Pro Leu
1 5

<210> 4336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4336
Ser Pro Pro Ala Gln His His Pro Val
1 5

<210> 4337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4337
Pro Pro Ala Gln His His Pro Val Leu
1 5

<210> 4338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4338
Trp Pro Leu Gly Ser Trp Leu Ser Leu
1 5

<210> 4339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4339
Gly Pro Glu Lys Pro Ala Gly Ser Leu
1 5

<210> 4340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4340
Arg Gln Glu Phe Gly Gly Gly Trp Leu
1 5

<210> 4341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4341
Gln Glu Phe Gly Gly Gly Trp Leu Leu
1 5

<210> 4342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4342
Leu Leu Gly Ala Pro Gly Ala Leu Trp
1 5

<210> 4343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4343
Ala Gln His His Pro Val Leu Pro Ala
1 5

<210> 4344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4344
Gln His His Pro Val Leu Pro Ala Ala
1 5

<210> 4345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4345
Ala Pro Leu Trp Pro Leu Gly Ser Trp
1 5

<210> 4346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4346
Val Leu Pro Ala Ala Pro Leu Trp Pro Leu
1 5 10

<210> 4347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4347
Ala Gln His His Pro Val Leu Pro Ala Ala
1 5 10

<210> 4348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4348
Trp Leu Ser Leu Glu Pro Val Leu Arg Ala
1 5 10

<210> 4349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4349
Leu Trp Pro Leu Gly Ser Trp Leu Ser Leu
1 5 10

<210> 4350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4350
Ala Val Arg Pro Gly Pro Glu Lys Pro Ala

1 5 10

<210> 4351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4351
Ser Trp Leu Ser Leu Glu Pro Val Leu Arg
1 5 10

<210> 4352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4352
Ser Leu Glu Pro Val Leu Arg Ala Val Arg
1 5 10

<210> 4353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4353
Thr Ser Pro Pro Ala Gln His His Pro Val
1 5 10

<210> 4354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4354
Ser Pro Pro Ala Gln His His Pro Val Leu
1 5 10

<210> 4355

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4355
Ala Pro Leu Trp Pro Leu Gly Ser Trp Leu
1 5 10

<210> 4356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4356
Arg Gln Glu Phe Gly Gly Gly Trp Leu Leu
1 5 10

<210> 4357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4357
Trp Leu Leu Gly Ala Pro Gly Ala Leu Trp
1 5 10

<210> 4358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4358
Gly Ser Trp Leu Ser Leu Glu Pro Val Leu
1 5 10

<210> 4359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4359
Gln Glu Phe Gly Gly Gly Trp Leu Leu Gly
1 5 10

<210> 4360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4360
His Pro Val Leu Pro Ala Ala Pro Leu Trp
1 5 10

<210> 4361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4361
Leu Val Ile Phe Phe Ala Ile Phe Ile
1 5

<210> 4362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4362
Val Ile Phe Phe Ala Ile Phe Ile Leu
1 5

<210> 4363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4363
Leu Ile Thr Val Pro Thr Ala Leu Val
1 5

<210> 4364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4364
Thr Val Pro Thr Ala Leu Val Ile Phe
1 5

<210> 4365
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4365
Thr Ala Leu Val Ile Phe Phe Ala Ile
1 5

<210> 4366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4366
Pro Thr Ala Leu Val Ile Phe Phe Ala
1 5

<210> 4367
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4367
Ala Leu Val Ile Phe Phe Ala Ile Phe
1 5

<210> 4368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4368
Ile Thr Val Pro Thr Ala Leu Val Ile
1 5

<210> 4369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4369
Val Pro Thr Ala Leu Val Ile Phe Phe
1 5

<210> 4370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4370
Phe Leu Ile Thr Val Pro Thr Ala Leu Val
1 5 10

<210> 4371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4371
Ala Leu Val Ile Phe Phe Ala Ile Phe Ile
1 5 10

<210> 4372
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4372
Val Ile Phe Phe Ala Ile Phe Ile Leu Val
1 5 10

<210> 4373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4373
Ile Thr Val Pro Thr Ala Leu Val Ile Phe
1 5 10

<210> 4374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4374
Thr Val Pro Thr Ala Leu Val Ile Phe Phe
1 5 10

<210> 4375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4375
Thr Ala Leu Val Ile Phe Phe Ala Ile Phe
1 5 10

<210> 4376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4376
Pro Thr Ala Leu Val Ile Phe Phe Ala Ile
1 5 10

<210> 4377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4377
Leu Val Ile Phe Phe Ala Ile Phe Ile Leu
1 5 10

<210> 4378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4378
Val Pro Thr Ala Leu Val Ile Phe Phe Ala
1 5 10

<210> 4379
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4379
Ser Tyr Asp Cys Val Cys Ile Met Phe
1 5

<210> 4380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4380
Ile Met Phe Ala Ser Ile Pro Asp Phe
1 5

<210> 4381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4381
Gln Ser Tyr Asp Cys Val Cys Ile Met
1 5

<210> 4382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4382
His Gln Ser Tyr Asp Cys Val Cys Ile
1 5

<210> 4383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4383
Ile Met Phe Ala Ser Ile Pro Asp Phe Lys
1 5 10

<210> 4384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4384
Cys Ile Met Phe Ala Ser Ile Pro Asp Phe
1 5 10

<210> 4385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4385
His Gln Ser Tyr Asp Cys Val Cys Ile Met
1 5 10

<210> 4386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4386
Gln Ser Tyr Asp Cys Val Cys Ile Met Phe
1 5 10

<210> 4387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4387
Ala Gln Lys Thr Gln Tyr Asp Ile Trp
1 5

<210> 4388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4388
Thr Gln Tyr Asp Ile Trp Gly Asn Thr Val
1 5 10

<210> 4389
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4389
Gly Val Ile Gly Ala Gln Lys Thr Gln Tyr
1 5 10

<210> 4390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4390
Met Ile Ala Lys Met Asn His Gln Arg
1 5

<210> 4391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4391
Lys Ala Met Ile Ala Lys Met Asn His
1 5

<210> 4392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4392
Lys Met Asn His Gln Arg Thr Asn Ser
1 5

<210> 4393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4393
His Gln Arg Thr Asn Ser Ile Gly His
1 5

<210> 4394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4394
Met Asn His Gln Arg Thr Asn Ser Ile
1 5

<210> 4395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4395
Lys Met Asn His Gln Arg Thr Asn Ser Ile
1 5 10

<210> 4396
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4396
Ala Met Ile Ala Lys Met Asn His Gln Arg
1 5 10

<210> 4397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4397

Thr Ile Lys Arg Lys Gln Gln Gly Leu
1 5

<210> 4398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4398
Arg Thr Ile Lys Arg Lys Gln Gln Gly Leu
1 5 10

<210> 4399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4399
Ile Leu Phe Arg Tyr Leu Val Lys Val
1 5

<210> 4400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4400
Lys Ile Leu Phe Arg Tyr Leu Val Lys
1 5

<210> 4401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4401
Leu Phe Arg Tyr Leu Val Lys Val Leu
1 5

<210> 4402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4402
Lys Lys Ile Leu Phe Arg Tyr Leu Val
1 5

<210> 4403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4403
Lys Ile Leu Phe Arg Tyr Leu Val Lys Val
1 5 10

<210> 4404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4404
Ile Leu Phe Arg Tyr Leu Val Lys Val Leu
1 5 10

<210> 4405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4405
Lys Lys Ile Leu Phe Arg Tyr Leu Val Lys
1 5 10

<210> 4406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4406
Leu Val Lys Val Leu Thr Pro Gln Pro Ala
1 5 10

<210> 4407
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4407
Tyr Thr Val Val Val Glu Asn Ala Val
1 5

<210> 4408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4408
Val Val Val Glu Asn Ala Val Ala Lys
1 5

<210> 4409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4409
Thr Phe Ser Gln Tyr Thr Val Val Val
1 5

<210> 4410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4410
Ser Gln Tyr Thr Val Val Val Glu Asn
1 5

<210> 4411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4411
Ser Thr Phe Ser Gln Tyr Thr Val Val Val
1 5 10

<210> 4412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4412
Ser Gln Tyr Thr Val Val Val Glu Asn Ala
1 5 10

<210> 4413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4413
Val Val Val Glu Asn Ala Val Ala Lys Ile
1 5 10

<210> 4414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4414
Thr Val Val Val Glu Asn Ala Val Ala Lys

1 5 10

<210> 4415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4415
Tyr Thr Val Val Val Glu Asn Ala Val Ala
1 5 10

<210> 4416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4416
Val Glu Asn Ala Val Ala Lys Ile Asp Ala
1 5 10

<210> 4417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4417
Ser Leu Thr His Ser Pro Leu Leu Leu
1 5

<210> 4418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4418
Gly Ser Leu Thr His Ser Pro Leu Leu
1 5

<210> 4419

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4419
Leu Thr His Ser Pro Leu Leu Leu Ala
1 5

<210> 4420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4420
Ser Leu Thr His Ser Pro Leu Leu Leu Ala
1 5 10

<210> 4421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4421
Ala Pro Gly Ser Leu Thr His Ser Pro Leu
1 5 10

<210> 4422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4422
Lys Ala His Pro Arg Pro Thr Gln Lys
1 5

<210> 4423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4423
Leu Ile Arg Glu Lys Ala His Pro Arg
1 5

<210> 4424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4424
Arg Glu Lys Ala His Pro Arg Pro Thr
1 5

<210> 4425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4425
Lys Ala His Pro Arg Pro Thr Gln Lys Ile
1 5 10

<210> 4426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4426
Ser Leu Ile Arg Glu Lys Ala His Pro Arg
1 5 10

<210> 4427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4427
Ala Ser Lys His Lys Tyr Thr Ser Lys
1 5

<210> 4428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4428
Thr Ser Lys Asp Leu Thr Ser Ser Ser Arg
1 5 10

<210> 4429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4429
Ser Lys His Lys Tyr Thr Ser Lys Asp Leu
1 5 10

<210> 4430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4430
Leu Leu Trp Gly Ala Arg Tyr Asp Lys
1 5

<210> 4431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4431
Leu Trp Gly Ala Arg Tyr Asp Lys Ile
1 5

<210> 4432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4432
Thr Ile Leu Leu Trp Gly Ala Arg Tyr
1 5

<210> 4433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4433
Pro Thr Ile Leu Leu Trp Gly Ala Arg
1 5

<210> 4434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4434
Pro Thr Ile Leu Leu Trp Gly Ala Arg Tyr
1 5 10

<210> 4435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4435
Tyr Ala Pro Thr Ile Leu Leu Trp Gly Ala
1 5 10

<210> 4436
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4436
Leu Leu Trp Gly Ala Arg Tyr Asp Lys Ile
1 5 10

<210> 4437
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4437
Ile Leu Leu Trp Gly Ala Arg Tyr Asp Lys
1 5 10

<210> 4438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4438
Leu Tyr Ala Pro Thr Ile Leu Leu Trp Gly
1 5 10

<210> 4439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4439
Leu Pro Cys Gly Trp Thr Leu Leu Tyr
1 5

<210> 4440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4440
Ser Leu Pro Cys Gly Trp Thr Leu Leu
1 5

<210> 4441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4441
Leu Leu Tyr Leu Ser Ser Ala Trp Arg
1 5

<210> 4442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4442
Tyr Leu Ser Ser Ala Trp Arg Met Lys
1 5

<210> 4443
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4443
Arg Ser Leu Pro Cys Gly Trp Thr Leu
1 5

<210> 4444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4444
Leu Tyr Leu Ser Ser Ala Trp Arg Met
1 5

<210> 4445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4445
Trp Thr Leu Leu Tyr Leu Ser Ser Ala
1 5

<210> 4446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4446
Gly Pro Arg Arg Arg Ser Leu Pro Cys
1 5

<210> 4447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4447
Thr Leu Leu Tyr Leu Ser Ser Ala Trp
1 5

<210> 4448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4448
Leu Leu Tyr Leu Ser Ser Ala Trp Arg Met
1 5 10

<210> 4449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4449
Arg Ser Leu Pro Cys Gly Trp Thr Leu Leu
1 5 10

<210> 4450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4450
Leu Ile Arg Asp Glu Gly Gly Pro Arg Arg
1 5 10

<210> 4451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4451
Leu Tyr Leu Ser Ser Ala Trp Arg Met Lys
1 5 10

<210> 4452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4452
Ser Leu Pro Cys Gly Trp Thr Leu Leu Tyr
1 5 10

<210> 4453
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4453
Thr Leu Leu Tyr Leu Ser Ser Ala Trp Arg
1 5 10

<210> 4454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4454
Arg Arg Ser Leu Pro Cys Gly Trp Thr Leu
1 5 10

<210> 4455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4455
Trp Thr Leu Leu Tyr Leu Ser Ser Ala Trp
1 5 10

<210> 4456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4456
Leu Pro Cys Gly Trp Thr Leu Leu Tyr Leu
1 5 10

<210> 4457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4457
Trp Ile Trp Ala Lys Tyr Glu Gln Lys
1 5

<210> 4458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4458
Ile Trp Ala Lys Tyr Glu Gln Lys Leu
1 5

<210> 4459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4459
Lys Glu Arg Trp Ile Trp Ala Lys Tyr
1 5

<210> 4460
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4460
Trp Ala Lys Tyr Glu Gln Lys Leu Phe
1 5

<210> 4461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4461

Glu Glu Lys Glu Arg Trp Ile Trp Ala
1 5

<210> 4462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4462
Trp Ile Trp Ala Lys Tyr Glu Gln Lys Leu
1 5 10

<210> 4463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4463
Ile Trp Ala Lys Tyr Glu Gln Lys Leu Phe
1 5 10

<210> 4464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4464
Arg Trp Ile Trp Ala Lys Tyr Glu Gln Lys
1 5 10

<210> 4465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4465
Arg Glu Glu Lys Glu Arg Trp Ile Trp Ala
1 5 10

<210> 4466
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4466
Thr Leu Lys Gln Lys Leu Trp Ser Leu
1 5

<210> 4467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4467
His Val Arg Asp Gly Arg Cys Leu Lys
1 5

<210> 4468
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4468
Cys Leu Lys Leu Trp Ser Leu Thr Phe
1 5

<210> 4469
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4469
Leu Trp Ser Leu Thr Phe Leu Pro Ile
1 5

<210> 4470
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4470
Tyr Ser Arg Gly Thr Leu Lys Gln Lys
1 5

<210> 4471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4471
Lys Gln Lys Leu Trp Ser Leu Thr Leu
1 5

<210> 4472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4472
His Met His His Val Arg Asp Gly Arg
1 5

<210> 4473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4473
Leu Pro Ile Gln Ser Gln Ala Gln Tyr
1 5

<210> 4474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4474
Leu Lys Leu Trp Ser Leu Thr Phe Leu
1 5

<210> 4475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4475
Ser Gln Ala Gln Tyr Ser Arg Gly Thr
1 5

<210> 4476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4476
Gln Lys Leu Trp Ser Leu Thr Leu Leu
1 5

<210> 4477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4477
Lys Leu Trp Ser Leu Thr Phe Leu Pro Ile
1 5 10

<210> 4478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4478
Lys Leu Trp Ser Leu Thr Leu Leu Pro Ile

1 5 10

<210> 4479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4479
Cys Leu Lys Leu Trp Ser Leu Thr Phe Leu
1 5 10

<210> 4480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4480
Lys Gln Lys Leu Trp Ser Leu Thr Leu Leu
1 5 10

<210> 4481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4481
Arg Cys Leu Lys Leu Trp Ser Leu Thr Phe
1 5 10

<210> 4482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4482
His Val Arg Asp Gly Arg Cys Leu Lys Leu
1 5 10

<210> 4483

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4483
Phe Leu Pro Ile Gln Ser Gln Ala Gln Tyr
1 5 10

<210> 4484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4484
Leu Thr Phe Leu Pro Ile Gln Ser Gln Ala
1 5 10

<210> 4485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4485
Asp Gly Arg Cys Leu Lys Leu Trp Ser Leu
1 5 10

<210> 4486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4486
Ser Gln Ala Gln Tyr Ser Arg Gly Thr Leu
1 5 10

<210> 4487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4487
Leu Lys Gln Lys Leu Trp Ser Leu Thr Leu
1 5 10

<210> 4488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4488
Tyr Ser Arg Gly Thr Leu Lys Gln Met Leu
1 5 10

<210> 4489
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4489
Arg Arg Ile Asn Cys Thr Asn His Val
1 5

<210> 4490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4490
Arg Ile Asn Cys Thr Asn His Val Ser Ala
1 5 10

<210> 4491
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4491
His Met His His Val Arg Asp Arg Arg
1 5

<210> 4492
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4492
His Val Arg Asp Arg Arg Cys Leu Lys
1 5

<210> 4493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4493
Cys Leu Lys Leu Trp Ser Leu Thr Leu
1 5

<210> 4494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4494
Arg Arg Cys Leu Lys Leu Trp Ser Leu
1 5

<210> 4495
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4495
Leu Lys Leu Trp Ser Leu Thr Leu Leu
1 5

<210> 4496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4496
Lys Leu Trp Ser Leu Thr Leu Leu Pro Ile
1 5 10

<210> 4497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4497
Cys Leu Lys Leu Trp Ser Leu Thr Leu Leu
1 5 10

<210> 4498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4498
His Val Arg Asp Arg Arg Cys Leu Lys Leu
1 5 10

<210> 4499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4499
Asp Arg Arg Cys Leu Lys Leu Trp Ser Leu
1 5 10

<210> 4500
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4500
Arg Cys Leu Lys Leu Trp Ser Leu Thr Leu
1 5 10

<210> 4501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4501
Tyr Ser Arg Gly Thr Leu Lys Gln Met Leu
1 5 10

<210> 4502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4502
Lys Leu Ser Val Arg Trp Ser Asn Leu
1 5

<210> 4503
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4503
Leu Ser Val Arg Trp Ser Asn Leu Phe
1 5

<210> 4504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4504
Ser Val Arg Trp Ser Asn Leu Phe Thr
1 5

<210> 4505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4505
Lys Leu Ser Val Arg Trp Ser Asn Leu Phe
1 5 10

<210> 4506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4506
Ser Val Arg Trp Ser Asn Leu Phe Thr Ser
1 5 10

<210> 4507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4507
Thr Pro Thr Pro Val Cys Lys Leu Ser Val
1 5 10

<210> 4508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4508
Cys Lys Leu Ser Val Arg Trp Ser Asn Leu
1 5 10

<210> 4509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4509
Thr Pro Val Cys Lys Leu Ser Val Arg Trp
1 5 10

<210> 4510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4510
Cys Phe Gln Lys Gly Leu Leu His Val
1 5

<210> 4511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4511
Thr Ile Pro Pro Gln Arg Glu Trp Arg
1 5

<210> 4512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4512
Phe Gln Lys Gly Leu Leu His Val Arg
1 5

<210> 4513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4513
Arg Cys Leu Leu Cys Gly Pro Ala Trp
1 5

<210> 4514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4514
Leu Cys Gly Pro Ala Trp Thr Cys Phe
1 5

<210> 4515
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4515
Arg Glu Trp Arg Cys Leu Leu Cys Gly
1 5

<210> 4516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4516
Cys Gly Pro Ala Trp Thr Cys Phe Gln Lys
1 5 10

<210> 4517
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4517
Asp Thr Ile Pro Pro Gln Arg Glu Trp Arg
1 5 10

<210> 4518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4518
Cys Phe Gln Lys Gly Leu Leu His Val Arg
1 5 10

<210> 4519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4519
Leu Leu Cys Gly Pro Ala Trp Thr Cys Phe
1 5 10

<210> 4520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4520
Trp Arg Cys Leu Leu Cys Gly Pro Ala Trp
1 5 10

<210> 4521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4521
Arg Glu Trp Arg Cys Leu Leu Cys Gly Pro
1 5 10

<210> 4522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4522
Met Met Gly Cys Asp Leu Val Glu Val
1 5

<210> 4523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4523
Ile Arg Gly Cys Gln Gly Leu Asn Met
1 5

<210> 4524
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4524
Arg Gly Cys Gln Gly Leu Asn Met Met
1 5

<210> 4525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4525

Gly Leu Asn Met Met Gly Cys Asp Leu Val
1 5 10

<210> 4526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4526
Asn Met Met Gly Cys Asp Leu Val Glu Val
1 5 10

<210> 4527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4527
Ile Ile Arg Gly Cys Gln Gly Leu Asn Met
1 5 10

<210> 4528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4528
Ile Arg Gly Cys Gln Gly Leu Asn Met Met
1 5 10

<210> 4529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4529
Arg Thr Lys Gly Phe Thr Ile Thr Val
1 5

<210> 4530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4530
Phe Thr Ile Thr Val Arg Ser Leu Arg
1 5

<210> 4531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4531
Leu Pro Arg Thr Lys Gly Phe Thr Ile
1 5

<210> 4532
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4532
Leu Leu Pro Arg Thr Lys Gly Phe Thr Ile
1 5 10

<210> 4533
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4533
Arg Thr Lys Gly Phe Thr Ile Thr Val Arg
1 5 10

<210> 4534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4534
Lys Gly Phe Thr Ile Thr Val Arg Ser Leu
1 5 10

<210> 4535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4535
Gly Phe Thr Ile Thr Val Arg Ser Leu Arg
1 5 10

<210> 4536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4536
Leu Pro Arg Thr Lys Gly Phe Thr Ile Thr
1 5 10

<210> 4537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4537
Ala Ser Arg Leu Pro Ser Ser Ala Ala
1 5

<210> 4538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4538
Arg Leu Pro Ser Ser Ala Ala Pro Arg
1 5

<210> 4539
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4539
Ser Ser Ala Ala Pro Arg Ala Pro His
1 5

<210> 4540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4540
Ala Pro Arg Ala Pro His Pro Ser His
1 5

<210> 4541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4541
Leu Pro Ser Ser Ala Ala Pro Arg Ala
1 5

<210> 4542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4542
Arg Leu Pro Ser Ser Ala Ala Pro Arg Ala

1 5 10

<210> 4543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4543
Ala Pro Arg Ala Pro His Pro Ser His Thr
1 5 10

<210> 4544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4544
Phe Ala Val Glu Val Phe Cys Ser Ala
1 5

<210> 4545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4545
Phe Cys Ser Ala Leu Thr Gln His Met
1 5

<210> 4546
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4546
Val Glu Val Phe Cys Ser Ala Leu Thr
1 5

<210> 4547

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4547
Phe Ala Val Glu Val Phe Cys Ser Ala Leu
1 5 10

<210> 4548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4548
Cys Ser Ala Leu Thr Gln His Met Glu Arg
1 5 10

<210> 4549
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4549
Val Phe Cys Ser Ala Leu Thr Gln His Met
1 5 10

<210> 4550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4550
Lys Pro Lys Pro Lys Lys Asn Lys Lys
1 5

<210> 4551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4551
Lys Met Lys Gly Asp Val Asp Val Phe
1 5

<210> 4552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4552
Lys Met Lys Gly Asp Val Asp Val Phe Leu
1 5 10

<210> 4553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4553
Lys Gly Asp Val Asp Val Phe Leu Pro Lys
1 5 10

<210> 4554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4554
Pro Lys Met Lys Gly Asp Val Asp Val Phe
1 5 10

<210> 4555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4555
Lys Glu Glu Glu Thr Thr Arg Glu Leu
1 5

<210> 4556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4556
Glu Glu Glu Thr Thr Arg Glu Leu Leu
1 5

<210> 4557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4557
Lys Glu Glu Glu Thr Thr Arg Glu Leu Leu
1 5 10

<210> 4558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4558
Glu Glu Glu Thr Thr Arg Glu Leu Leu Leu
1 5 10

<210> 4559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4559
Ile Glu Gly Glu Met Lys Val Pro Asp Val
1 5 10

<210> 4560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4560
Val Pro Lys Ile Glu Gly Glu Met Lys Val
1 5 10

<210> 4561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4561
His Phe Lys Gly Pro Lys Ile Ser Met
1 5

<210> 4562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4562
Met His Phe Lys Gly Pro Lys Ile Ser Met
1 5 10

<210> 4563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4563
Pro Glu Met His Phe Lys Gly Pro Lys Ile
1 5 10

<210> 4564
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4564
Val Gln Gly Pro His Trp His Leu Lys
1 5

<210> 4565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4565
Asn Val Gln Gly Pro His Trp His Leu
1 5

<210> 4566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4566
Asn Val Gln Gly Pro His Trp His Leu Lys
1 5 10

<210> 4567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4567
His Trp His Leu Lys Met Pro Lys Met Lys
1 5 10

<210> 4568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4568
Val Gln Gly Pro His Trp His Leu Lys Met
1 5 10

<210> 4569
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4569
Ser Pro Ser Ala Asp Leu Glu Val His
1 5

<210> 4570
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4570
Ala Gln Met Glu Gly Asp Leu Ser Leu
1 5

<210> 4571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4571
Gln Met Glu Gly Asp Leu Ser Leu Ala
1 5

<210> 4572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4572
Arg Ala Lys Leu Asp Gly Ala Gln Met
1 5

<210> 4573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4573
Ala Gln Met Glu Gly Asp Leu Ser Leu Ala
1 5 10

<210> 4574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4574
Lys Met Pro Ser Phe Gly Val Phe Ala
1 5

<210> 4575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4575
Ser Phe Gly Val Phe Ala Pro Gly Lys
1 5

<210> 4576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4576
Phe Lys Met Pro Ser Phe Gly Val Phe
1 5

<210> 4577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4577
Gly Val Phe Ala Pro Gly Lys Ser Ile
1 5

<210> 4578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4578
Met Pro Ser Phe Gly Val Phe Ala Pro
1 5

<210> 4579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4579
Pro Ser Phe Gly Val Phe Ala Pro Gly Lys
1 5 10

<210> 4580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4580
Lys Phe Lys Met Pro Ser Phe Gly Val Phe
1 5 10

<210> 4581
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4581
Met Pro Ser Phe Gly Val Phe Ala Pro Gly
1 5 10

<210> 4582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4582
Phe Lys Met Pro Ser Phe Gly Val Phe Ala
1 5 10

<210> 4583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4583
Arg Leu His Gly Ala Gly Val Gln Ile
1 5

<210> 4584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4584
Gly Leu Arg Arg Leu His Gly Ala Gly Val
1 5 10

<210> 4585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4585
Arg Leu His Gly Ala Gly Val Gln Ile Ala
1 5 10

<210> 4586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4586
Arg Arg Leu His Gly Ala Gly Val Gln Ile
1 5 10

<210> 4587
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4587
Leu His Gly Ala Gly Val Gln Ile Ala Ile
1 5 10

<210> 4588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4588
His Gly Ala Gly Val Gln Ile Ala Ile Met
1 5 10

<210> 4589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4589

Ile Met Thr Phe Lys Asp Phe Phe Tyr
1 5

<210> 4590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4590
Met Thr Phe Lys Asp Phe Phe Tyr Cys
1 5

<210> 4591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4591
Phe Phe Tyr Cys Trp Asn Thr Phe Val
1 5

<210> 4592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4592
Thr Phe Lys Asp Phe Phe Tyr Cys Trp
1 5

<210> 4593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4593
Asp Phe Phe Tyr Cys Trp Asn Thr Phe
1 5

<210> 4594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4594
Ile Ala Ile Met Thr Phe Lys Asp Phe
1 5

<210> 4595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4595
Ala Ile Met Thr Phe Lys Asp Phe Phe
1 5

<210> 4596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4596
Lys Asp Phe Phe Tyr Cys Trp Asn Thr
1 5

<210> 4597
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4597
Ala Ile Met Thr Phe Lys Asp Phe Phe Tyr
1 5 10

<210> 4598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4598
Ile Ala Ile Met Thr Phe Lys Asp Phe Phe
1 5 10

<210> 4599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4599
Met Thr Phe Lys Asp Phe Phe Tyr Cys Trp
1 5 10

<210> 4600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4600
Lys Asp Phe Phe Tyr Cys Trp Asn Thr Phe
1 5 10

<210> 4601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4601
Asp Phe Phe Tyr Cys Trp Asn Thr Phe Val
1 5 10

<210> 4602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4602
Ile Phe Phe Glu Phe Lys His Tyr Met
1 5

<210> 4603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4603
Glu Phe Lys His Tyr Met Pro Lys Lys
1 5

<210> 4604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4604
Met Pro Lys Lys Arg Phe Thr Ser Thr
1 5

<210> 4605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4605
Phe Glu Phe Lys His Tyr Met Pro Lys
1 5

<210> 4606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4606
Lys His Tyr Met Pro Lys Lys Arg Phe

1 5

<210> 4607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4607
Tyr Met Pro Lys Lys Arg Phe Thr Ser Thr
1 5 10

<210> 4608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4608
Met Pro Lys Lys Arg Phe Thr Ser Thr Lys
1 5 10

<210> 4609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4609
Phe Phe Glu Phe Lys His Tyr Met Pro Lys
1 5 10

<210> 4610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4610
Glu Phe Lys His Tyr Met Pro Lys Lys Arg
1 5 10

<210> 4611

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4611
Ala Ile Phe Phe Glu Phe Lys His Tyr Met
1 5 10

<210> 4612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4612
Phe Lys His Tyr Met Pro Lys Lys Arg Phe
1 5 10

<210> 4613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4613
Ala Val Leu Gln Trp Arg Leu Gln Arg
1 5

<210> 4614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4614
Gln Trp Arg Leu Gln Arg Thr Ile Lys
1 5

<210> 4615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4615
Arg Thr Ile Lys Glu Gln Ala Leu Leu
1 5

<210> 4616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4616
Leu Gln Trp Arg Leu Gln Arg Thr Ile
1 5

<210> 4617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4617
Val Leu Gln Trp Arg Leu Gln Arg Thr Ile
1 5 10

<210> 4618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4618
Glu Ala Val Leu Gln Trp Arg Leu Gln Arg
1 5 10

<210> 4619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4619
Leu Gln Arg Thr Ile Lys Glu Gln Ala Leu
1 5 10

<210> 4620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4620
Leu Leu Ser Thr Val Met Thr Trp Val
1 5

<210> 4621
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4621
Val Met Thr Trp Val Arg Ser Lys Ala
1 5

<210> 4622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4622
Thr Val Met Thr Trp Val Arg Ser Lys
1 5

<210> 4623
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4623
Met Thr Trp Val Arg Ser Lys Ala Leu
1 5

<210> 4624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4624
Leu Ser Thr Val Met Thr Trp Val Arg
1 5

<210> 4625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4625
Ile Leu Leu Ser Thr Val Met Thr Trp Val
1 5 10

<210> 4626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4626
Thr Val Met Thr Trp Val Arg Ser Lys Ala
1 5 10

<210> 4627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4627
Val Met Thr Trp Val Arg Ser Lys Ala Leu
1 5 10

<210> 4628
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4628
Ser Thr Val Met Thr Trp Val Arg Ser Lys
1 5 10

<210> 4629
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4629
Leu Leu Ser Thr Val Met Thr Trp Val Arg
1 5 10

<210> 4630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4630
Lys Ile Leu Lys Val Ile Ser Ala Ala
1 5

<210> 4631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4631
Val Ile Ser Ala Ala Gln Pro Cys Val
1 5

<210> 4632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4632
Ala Gln Pro Cys Val Asp Val Phe Tyr
1 5

<210> 4633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4633
Ala Ala Gln Pro Cys Val Asp Val Phe
1 5

<210> 4634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4634
Lys Val Ile Ser Ala Ala Gln Pro Cys Val
1 5 10

<210> 4635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4635
Ala Ala Gln Pro Cys Val Asp Val Phe Tyr
1 5 10

<210> 4636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4636
Ser Ala Ala Gln Pro Cys Val Asp Val Phe
1 5 10

<210> 4637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4637
Lys Thr Lys Asp Val Pro Phe Phe Lys
1 5

<210> 4638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4638
Lys Asp Val Pro Phe Phe Lys Gly Leu
1 5

<210> 4639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4639
Lys Thr Lys Asp Val Pro Phe Phe Lys Gly
1 5 10

<210> 4640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4640
Ala Leu Ser Pro Val Met Val Pro Arg
1 5

<210> 4641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4641
Lys Arg Arg Thr Lys Pro Ala Ala Leu
1 5

<210> 4642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4642
Arg Thr Lys Pro Ala Ala Leu Ser Pro
1 5

<210> 4643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4643
Arg Gln Lys Tyr Gln Gln Arg Val Lys
1 5

<210> 4644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4644
Gln Gln Arg Val Lys Arg Ser Ser Ala
1 5

<210> 4645
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4645
Arg Val Lys Arg Ser Ser Ala Asp Pro
1 5

<210> 4646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4646
Arg Ser Ser Ala Asp Pro Leu Pro Leu
1 5

<210> 4647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4647
Lys Pro Ala Ala Leu Ser Pro Val Met
1 5

<210> 4648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4648
Glu Lys Lys Arg Arg Thr Lys Pro Ala
1 5

<210> 4649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4649
Tyr Gln Gln Arg Val Lys Arg Ser Ser
1 5

<210> 4650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4650
Val Lys Arg Ser Ser Ala Asp Pro Leu
1 5

<210> 4651
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4651
Arg Thr Lys Pro Ala Ala Leu Ser Pro Val
1 5 10

<210> 4652
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4652
Ala Ala Leu Ser Pro Val Met Val Pro Arg
1 5 10

<210> 4653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4653

Arg Gln Lys Tyr Gln Gln Arg Val Lys Arg
1 5 10

<210> 4654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4654
Arg Val Lys Arg Ser Ser Ala Asp Pro Leu
1 5 10

<210> 4655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4655
Met Val Pro Arg Gln Lys Tyr Gln Gln Arg
1 5 10

<210> 4656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4656
Lys Pro Ala Ala Leu Ser Pro Val Met Val
1 5 10

<210> 4657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4657
Val Pro Arg Gln Lys Tyr Gln Gln Arg Val
1 5 10

<210> 4658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4658
Lys Lys Arg Arg Thr Lys Pro Ala Ala Leu
1 5 10

<210> 4659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4659
Thr Lys Pro Ala Ala Leu Ser Pro Val Met
1 5 10

<210> 4660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4660
Tyr Gln Gln Arg Val Lys Arg Ser Ser Ala
1 5 10

<210> 4661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4661
Lys Arg Ser Ser Ala Asp Pro Leu Pro Leu
1 5 10

<210> 4662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4662
Ser Pro Val Met Val Pro Arg Gln Lys Tyr
1 5 10

<210> 4663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4663
Arg Thr Arg Asn Trp Val Ile Gln Gln
1 5

<210> 4664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4664
Ser Asp Arg Thr Arg Asn Trp Val Ile
1 5

<210> 4665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4665
Arg Asn Trp Val Ile Gln Gln Lys Ile
1 5

<210> 4666
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4666
Arg Thr Arg Asn Trp Val Ile Gln Gln Lys
1 5 10

<210> 4667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4667
Arg Met Gly Gly Ser Gln Leu Ser Arg
1 5

<210> 4668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4668
Leu Ala Arg Met Gly Gly Ser Gln Leu
1 5

<210> 4669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4669
Arg Met Gly Gly Ser Gln Leu Ser Arg Ile
1 5 10

<210> 4670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4670
Leu Leu Ala Arg Met Gly Gly Ser Gln Leu

1 5 10

<210> 4671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4671
Met Leu Leu Glu Met Met Lys Arg Leu
1 5

<210> 4672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4672
Thr Met Met Ile Leu Lys Thr Ser Leu
1 5

<210> 4673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4673
Asn Leu Lys Lys Thr Met Met Ile Leu
1 5

<210> 4674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4674
Arg Met Leu Leu Glu Met Met Lys Arg
1 5

<210> 4675

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4675
Glu Met Met Lys Arg Leu Val Arg Lys
1 5

<210> 4676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4676
Arg Leu Val Arg Lys Asn Leu Lys Lys
1 5

<210> 4677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4677
Met Met Ile Leu Lys Thr Ser Leu Lys
1 5

<210> 4678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4678
Thr Ser Leu Lys Met Ser Phe Gln Lys
1 5

<210> 4679
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4679
Lys Met Ser Phe Gln Lys Met Arg Lys
1 5

<210> 4680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4680
Met Ser Phe Gln Lys Met Arg Lys Arg
1 5

<210> 4681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4681
Lys Arg Leu Val Arg Lys Asn Leu Lys
1 5

<210> 4682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4682
Lys Asn Leu Lys Lys Thr Met Met Ile
1 5

<210> 4683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4683
Leu Lys Lys Thr Met Met Ile Leu Lys
1   5

<210> 4684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4684
Lys Thr Met Met Ile Leu Lys Thr Ser
1   5

<210> 4685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4685
Lys Thr Ser Leu Lys Met Ser Phe Gln
1   5

<210> 4686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4686
Ser Leu Lys Met Ser Phe Gln Lys Met
1   5

<210> 4687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4687
Met Lys Arg Leu Val Arg Lys Asn Leu
1   5

<210> 4688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4688
Met Ile Leu Lys Thr Ser Leu Lys Met
1 5

<210> 4689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4689
Lys Gly Gly Arg Met Leu Leu Glu Met
1 5

<210> 4690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4690
Arg Lys Asn Leu Lys Lys Thr Met Met
1 5

<210> 4691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4691
Leu Lys Thr Ser Leu Lys Met Ser Phe
1 5

<210> 4692
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4692
Met Leu Leu Glu Met Met Lys Arg Leu Val
1 5 10

<210> 4693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4693
Met Met Ile Leu Lys Thr Ser Leu Lys Met
1 5 10

<210> 4694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4694
Asn Leu Lys Lys Thr Met Met Ile Leu Lys
1 5 10

<210> 4695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4695
Thr Met Met Ile Leu Lys Thr Ser Leu Lys
1 5 10

<210> 4696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4696
Lys Thr Ser Leu Lys Met Ser Phe Gln Lys
1 5 10

<210> 4697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4697
Lys Met Ser Phe Gln Lys Met Arg Lys Arg
1 5 10

<210> 4698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4698
Gly Gly Arg Met Leu Leu Glu Met Met Lys
1 5 10

<210> 4699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4699
Met Met Lys Arg Leu Val Arg Lys Asn Leu
1 5 10

<210> 4700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4700
Met Lys Arg Leu Val Arg Lys Asn Leu Lys
1 5 10

<210> 4701
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4701
Lys Arg Leu Val Arg Lys Asn Leu Lys Lys
1 5 10

<210> 4702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4702
Lys Thr Met Met Ile Leu Lys Thr Ser Leu
1 5 10

<210> 4703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4703
Ser Leu Lys Met Ser Phe Gln Lys Met Arg
1 5 10

<210> 4704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4704
Ile Leu Lys Thr Ser Leu Lys Met Ser Phe
1 5 10

<210> 4705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4705
Leu Glu Arg Asp Lys Lys Gly Gly Arg Met
1 5 10

<210> 4706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4706
Lys Lys Gly Gly Arg Met Leu Leu Glu Met
1 5 10

<210> 4707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4707
Arg Met Leu Leu Glu Met Met Lys Arg Leu
1 5 10

<210> 4708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4708
Arg Lys Asn Leu Lys Lys Thr Met Met Ile
1 5 10

<210> 4709
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4709
Thr Ser Leu Lys Met Ser Phe Gln Lys Met
1 5 10

<210> 4710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4710
Asn Val Glu Lys Arg Gly His Gly Arg
1 5

<210> 4711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4711
Arg Gly His Gly Arg Ile Asn Cys Gly Arg
1 5 10

<210> 4712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4712
Trp Leu His Lys Arg Gly Lys Tyr Ile
1 5

<210> 4713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4713
Leu His Lys Arg Gly Lys Tyr Ile Lys
1 5

<210> 4714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4714
Arg Gly Lys Tyr Ile Lys Thr Trp Arg
1 5

<210> 4715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4715
Lys Tyr Ile Lys Thr Trp Arg Pro Arg
1 5

<210> 4716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4716
Gly Trp Leu His Lys Arg Gly Lys Tyr
1 5

<210> 4717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4717

Trp Leu His Lys Arg Gly Lys Tyr Ile Lys
1 5 10

<210> 4718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4718
Lys Tyr Ile Lys Thr Trp Arg Pro Arg Tyr
1 5 10

<210> 4719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4719
His Lys Arg Gly Lys Tyr Ile Lys Thr Trp
1 5 10

<210> 4720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4720
Leu Met Leu Asp Lys Asp Gly His Met
1 5

<210> 4721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4721
His Met Lys Ile Thr Asp Phe Gly Leu
1 5

<210> 4722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4722
Met Leu Asp Lys Asp Gly His Met Lys
1 5

<210> 4723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4723
Met Leu Asp Lys Asp Gly His Met Lys Ile
1 5 10

<210> 4724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4724
Leu Met Leu Asp Lys Asp Gly His Met Lys
1 5 10

<210> 4725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4725
Gly Thr Arg Asn Ile Ser Arg Thr Ser
1 5

<210> 4726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4726
Ile Ser Arg Thr Ser Lys Phe His Val
1 5

<210> 4727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4727
Arg Thr Ser Lys Phe His Val Asp Leu
1 5

<210> 4728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4728
Arg Asn Ile Ser Arg Thr Ser Lys Phe
1 5

<210> 4729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4729
Asn Ile Ser Arg Thr Ser Lys Phe His Val
1 5 10

<210> 4730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4730
Gly Thr Arg Asn Ile Ser Arg Thr Ser Lys
1 5 10

<210> 4731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4731
Thr Arg Asn Ile Ser Arg Thr Ser Lys Phe
1 5 10

<210> 4732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4732
Tyr Ile Cys Glu Asn Gln Asp Leu Ile
1 5

<210> 4733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4733
Lys Tyr Ile Cys Glu Asn Gln Asp Leu
1 5

<210> 4734
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4734
Asn Gln Asp Leu Ile Ser Ser Lys Leu

1 5

<210> 4735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4735
Cys Glu Asn Gln Asp Leu Ile Ser Ser
1 5

<210> 4736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4736
Lys Tyr Ile Cys Glu Asn Gln Asp Leu Ile
1 5 10

<210> 4737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4737
Ala Lys Tyr Ile Cys Glu Asn Gln Asp Leu
1 5 10

<210> 4738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4738
Cys Leu Ala Phe Ser Leu Gly Ser Val
1 5

<210> 4739

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4739
Gln Ala Ala Cys Leu Ala Phe Ser Leu
1 5

<210> 4740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4740
Ala Val Gln Ala Ala Cys Leu Ala Phe
1 5

<210> 4741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4741
Val Gln Ala Ala Cys Leu Ala Phe Ser Leu
1 5 10

<210> 4742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4742
Lys Ala Val Gln Ala Ala Cys Leu Ala Phe
1 5 10

<210> 4743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4743
Cys Leu Ala Phe Ser Leu Gly Ser Val Trp
1 5 10

<210> 4744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4744
Val Ala Thr Pro Phe Gly Gly Phe Lys
1 5

<210> 4745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4745
Asp Val Ala Thr Pro Phe Gly Gly Phe
1 5

<210> 4746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4746
Asn Lys Thr Asp Val Ala Thr Pro Phe
1 5

<210> 4747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4747
Asp Val Ala Thr Pro Phe Gly Gly Phe Lys
1   5   10

<210> 4748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4748
Tyr Asn Lys Thr Asp Val Ala Thr Pro Phe
1   5   10

<210> 4749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4749
Thr Asp Val Ala Thr Pro Phe Gly Gly Phe
1   5   10

<210> 4750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4750
Ser Met Met Ser Leu Trp Ser Gly Ala
1   5

<210> 4751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4751
Met Met Ser Leu Trp Ser Gly Ala Leu
1   5

<210> 4752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4752
Ser Leu Gly Trp Ser Gly Thr Pro Leu
1 5

<210> 4753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4753
Val Val Gly Ala Leu Leu Leu Thr Val
1 5

<210> 4754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4754
Lys Leu Ser Leu Arg Arg Ser Ser Ala
1 5

<210> 4755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4755
Ala Thr Ser Thr Arg Gly Ser Lys Arg
1 5

<210> 4756
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4756
Gln Met Pro Ile Trp Ile Gly Pro Trp
1 5

<210> 4757
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4757
Ser Thr Arg Ala Ser Ala Ala Val Pro
1 5

<210> 4758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4758
Arg Thr Ser Met Met Ser Leu Trp Ser
1 5

<210> 4759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4759
Ile Ala Arg Pro Ser Arg Gly Arg Arg
1 5

<210> 4760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4760
Pro Ser Arg Gly Arg Arg Trp Met Lys
1 5

<210> 4761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4761
Arg Gly Arg Arg Trp Met Lys Leu Ser
1 5

<210> 4762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4762
Arg Trp Met Lys Leu Ser Leu Arg Arg
1 5

<210> 4763
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4763
Ser Leu Arg Arg Ser Ser Ala Thr Ser
1 5

<210> 4764
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4764
Ser Ala Thr Ser Thr Arg Gly Ser Lys
1 5

<210> 4765
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4765
Ser Thr Arg Gly Ser Lys Arg Gly Arg
1 5

<210> 4766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4766
Arg Gly Arg Ser Cys Cys Val Val Gly
1 5

<210> 4767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4767
Ser Ser Ser Pro Leu Cys Leu Glu Met
1 5

<210> 4768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4768
Pro Ile Trp Ile Gly Pro Trp Asn Arg
1 5

<210> 4769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4769
Ser Ser Thr Arg Ala Ser Ala Ala Val
1 5

<210> 4770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4770
Thr Val Val Thr Ser Ser Ser Pro Leu
1 5

<210> 4771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4771
Arg Pro Thr Ser Pro Cys Ser Ser Thr
1 5

<210> 4772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4772
Gly Pro Ser Cys Arg Arg Thr Ser Met
1 5

<210> 4773
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4773
Arg Pro Ser Arg Gly Arg Arg Trp Met
1 5

<210> 4774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4774
Leu Glu Leu Gly Gly Arg Ala Pro Thr
1 5

<210> 4775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4775
Arg Ala Pro Thr Ser Ser Cys Gln Met
1 5

<210> 4776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4776
Cys Arg Arg Thr Ser Met Met Ser Leu
1 5

<210> 4777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4777
Arg Arg Thr Ser Met Met Ser Leu Trp
1 5

<210> 4778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4778
Ser Leu Trp Ser Gly Ala Leu Pro Gly
1 5

<210> 4779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4779
Ser Gly Ala Leu Pro Gly Pro Ser Leu
1 5

<210> 4780
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4780
Leu Gly Trp Ser Gly Thr Pro Leu Ile
1 5

<210> 4781
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4781

Gly Arg Arg Trp Met Lys Leu Ser Leu
1 5

<210> 4782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4782
Arg Ser Cys Cys Val Val Gly Ala Leu
1 5

<210> 4783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4783
Met Pro Ile Trp Ile Gly Pro Trp Asn
1 5

<210> 4784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4784
Ser Met Met Ser Leu Trp Ser Gly Ala Leu
1 5 10

<210> 4785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4785
Ser Leu Gly Trp Ser Gly Thr Pro Leu Ile
1 5 10

<210> 4786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4786
Cys Val Val Gly Ala Leu Leu Leu Thr Val
1 5 10

<210> 4787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4787
Val Val Gly Ala Leu Leu Leu Thr Val Val
1 5 10

<210> 4788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4788
Ser Ser Ala Thr Ser Thr Arg Gly Ser Lys
1 5 10

<210> 4789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4789
Cys Gln Met Pro Ile Trp Ile Gly Pro Trp
1 5 10

<210> 4790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4790
Ser Thr Arg Ala Ser Ala Ala Val Pro Ala
1 5 10

<210> 4791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4791
Arg Ala Ser Ala Ala Val Pro Ala Pro Gly
1 5 10

<210> 4792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4792
Ser Cys Arg Arg Thr Ser Met Met Ser Leu
1 5 10

<210> 4793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4793
Arg Thr Ser Met Met Ser Leu Trp Ser Gly
1 5 10

<210> 4794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4794
Thr Ser Met Met Ser Leu Trp Ser Gly Ala
1 5 10

<210> 4795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4795
Arg Pro Ser Arg Gly Arg Arg Trp Met Lys
1 5 10

<210> 4796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4796
Arg Gly Arg Arg Trp Met Lys Leu Ser Leu
1 5 10

<210> 4797
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4797
Gly Ser Lys Arg Gly Arg Ser Cys Cys Val
1 5 10

<210> 4798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4798
Arg Gly Arg Ser Cys Cys Val Val Gly Ala

1 5 10

<210> 4799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4799
Arg Ser Cys Cys Val Val Gly Ala Leu Leu
1 5 10

<210> 4800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4800
Met Pro Ile Trp Ile Gly Pro Trp Asn Arg
1 5 10

<210> 4801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4801
Leu Ile Ala Arg Pro Ser Arg Gly Arg Arg
1 5 10

<210> 4802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4802
Ser Ala Thr Ser Thr Arg Gly Ser Lys Arg
1 5 10

<210> 4803

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4803
Cys Ser Ser Thr Arg Ala Ser Ala Ala Val
1 5 10

<210> 4804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4804
Leu Thr Val Val Thr Ser Ser Ser Pro Leu
1 5 10

<210> 4805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4805
Ala Pro Thr Ser Ser Cys Gln Met Pro Ile
1 5 10

<210> 4806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4806
Gly Pro Trp Asn Arg Pro Thr Ser Pro Cys
1 5 10

<210> 4807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4807
Ser Pro Cys Ser Ser Thr Arg Ala Ser Ala
1 5 10

<210> 4808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4808
Gly Pro Ser Cys Arg Arg Thr Ser Met Met
1 5 10

<210> 4809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4809
Gly Arg Ala Pro Thr Ser Ser Cys Gln Met
1 5 10

<210> 4810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4810
Cys Arg Arg Thr Ser Met Met Ser Leu Trp
1 5 10

<210> 4811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4811
Met Ser Leu Trp Ser Gly Ala Leu Pro Gly
1 5 10

<210> 4812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4812
Trp Ser Gly Ala Leu Pro Gly Pro Ser Leu
1 5 10

<210> 4813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4813
Gly Ala Leu Pro Gly Pro Ser Leu Gly Trp
1 5 10

<210> 4814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4814
Ile Ala Arg Pro Ser Arg Gly Arg Arg Trp
1 5 10

<210> 4815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4815
Met Lys Leu Ser Leu Arg Arg Ser Ser Ala
1 5 10

<210> 4816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4816
Gly Arg Ser Cys Cys Val Val Gly Ala Leu
1 5 10

<210> 4817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4817
Thr Ser Ser Ser Pro Leu Cys Leu Glu Met
1 5 10

<210> 4818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4818
Leu Glu Leu Gly Gly Arg Ala Pro Thr Ser
1 5 10

<210> 4819
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4819
Ser Pro Leu Cys Leu Glu Met Cys Arg Met
1 5 10

<210> 4820
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4820
Gly Leu Lys Val Arg Tyr Pro Arg Ala
1 5

<210> 4821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4821
Lys Val Arg Tyr Pro Arg Ala Arg Pro
1 5

<210> 4822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4822
Glu Gly Leu Lys Val Arg Tyr Pro Arg
1 5

<210> 4823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4823
Gly Leu Lys Val Arg Tyr Pro Arg Ala Arg
1 5 10

<210> 4824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4824
Lys Val Arg Tyr Pro Arg Ala Arg Pro Arg
1 5 10

<210> 4825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4825
Thr Phe Leu Arg Tyr Phe Ser Asp Lys
1 5

<210> 4826
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4826
Gln Tyr Val Thr Phe Leu Arg Tyr Phe
1 5

<210> 4827
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4827
Arg Tyr Phe Ser Asp Lys Gln Lys Ile
1 5

<210> 4828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4828
Gly Gln Tyr Val Thr Phe Leu Arg Tyr
1 5

<210> 4829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4829
Tyr Val Thr Phe Leu Arg Tyr Phe Ser
1 5

<210> 4830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4830
Leu Gly Gln Tyr Val Thr Phe Leu Arg Tyr
1 5 10

<210> 4831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4831
Val Thr Phe Leu Arg Tyr Phe Ser Asp Lys
1 5 10

<210> 4832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4832
Phe Leu Arg Tyr Phe Ser Asp Lys Gln Lys
1 5 10

<210> 4833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4833
Gly Gln Tyr Val Thr Phe Leu Arg Tyr Phe
1 5 10

<210> 4834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4834
Ser Glu Glu Glu Thr Gln Asp Leu Trp
1 5

<210> 4835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4835
His Met Ser Glu Glu Glu Thr Gln Asp Leu
1 5 10

<210> 4836
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4836
Met Ser Glu Glu Glu Thr Gln Asp Leu Trp
1 5 10

<210> 4837
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4837
Leu Leu Gly Thr Glu His Val Phe Tyr
1 5

<210> 4838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4838
Asn Leu Leu Gly Thr Glu His Val Phe Tyr
1 5 10

<210> 4839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4839
Arg Val Gly Gly Arg Thr Tyr Gly Ala
1 5

<210> 4840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4840
Arg Thr Tyr Gly Ala Arg Gly Val Gln
1 5

<210> 4841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4841
Arg Val Gly Gly Arg Thr Tyr Gly Ala Arg
1 5 10

<210> 4842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4842
Arg Thr Tyr Gly Ala Arg Gly Val Gln Gly
1 5 10

<210> 4843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4843
Thr Ala Ala Asp Lys Arg Val Gly Gly Arg
1 5 10

<210> 4844
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4844
Ala Asp Lys Arg Val Gly Gly Arg Thr Tyr
1 5 10

<210> 4845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4845

Asn Gly Ser Gly Ile Ile Ser Asn Tyr
1 5

<210> 4846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4846
Gly Gln Ala Ile Asn Gly Ser Gly Ile
1 5

<210> 4847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4847
Ile Asn Gly Ser Gly Ile Ile Ser Asn Tyr
1 5 10

<210> 4848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4848
Gly Gln Ala Ile Asn Gly Ser Gly Ile Ile
1 5 10

<210> 4849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4849
Ser Asn Arg Gln Ala Ala Glu Ala Leu
1 5

<210> 4850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4850
Phe Ser Asn Arg Gln Ala Ala Glu Ala Leu
1 5 10

<210> 4851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4851
Tyr Leu Gln Gln Gly Ala Cys Lys Thr
1 5

<210> 4852
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4852
His Leu Tyr Leu Gln Gln Gly Ala Cys Lys
1 5 10

<210> 4853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4853
Leu Gln Gln Gly Ala Cys Lys Thr Pro Pro
1 5 10

<210> 4854
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4854
Ile Phe Gln Ile Ala Arg Leu Ile Tyr
1 5

<210> 4855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4855
Phe Gln Ile Ala Arg Leu Ile Tyr His
1 5

<210> 4856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4856
Ala Arg Leu Ile Tyr His Gly Pro Met
1 5

<210> 4857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4857
Thr Ile Phe Gln Ile Ala Arg Leu Ile Tyr
1 5 10

<210> 4858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4858
Ile Ala Arg Leu Ile Tyr His Gly Pro Met
1 5 10

<210> 4859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4859
Ile Tyr His Gly Pro Met Pro Gln Asn Lys
1 5 10

<210> 4860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4860
Phe Gln Ile Ala Arg Leu Ile Tyr His Gly
1 5 10

<210> 4861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4861
Met Ala Gly Gly His Ser Leu Leu Leu
1 5

<210> 4862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4862
Ala Pro Ala Arg Pro Trp Ser Pro Ser

1 5

<210> 4863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4863
Arg Pro Trp Ser Pro Ser Gln Thr Arg Lys
1 5 10

<210> 4864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4864
Val Ser Ala Pro Lys Pro Leu Ser Lys
1 5

<210> 4865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4865
Ala Pro Lys Pro Leu Ser Lys Leu Leu
1 5

<210> 4866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4866
Gly Val Ser Ala Pro Lys Pro Leu Ser Lys
1 5 10

<210> 4867

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4867
Val Leu Leu Leu Leu Gln Ser Gly Ala
1 5

<210> 4868
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4868
Leu Gln Ser Gly Ala Ser Pro Asp Val
1 5

<210> 4869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4869
Leu Leu Gln Ser Gly Ala Ser Pro Asp Val
1 5 10

<210> 4870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4870
Leu Gln Ser Gly Ala Ser Pro Asp Val Thr
1 5 10

<210> 4871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4871
Gly Leu Met Val Asp Arg Gln Ser Leu
1 5

<210> 4872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4872
Arg Gln Ser Leu Gly Thr Thr Pro Asp
1 5

<210> 4873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4873
Leu Met Val Asp Arg Gln Ser Leu Gly Thr
1 5 10

<210> 4874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4874
Phe Gly Leu Met Val Asp Arg Gln Ser Leu
1 5 10

<210> 4875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4875
Arg Gln Ser Leu Gly Thr Thr Pro Asp Thr
1 5 10

<210> 4876
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4876
Lys Met Asn Glu Pro Val Glu Ser Ser
1 5

<210> 4877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4877
Val Val Phe Ala Lys Met Asn Glu Pro Val
1 5 10

<210> 4878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4878
Lys Met Asn Glu Pro Val Glu Ser Ser Leu
1 5 10

<210> 4879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4879
Glu Pro Val Glu Ser Ser Leu Arg Cys Phe
1 5 10

<210> 4880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4880
His Glu Ala Ala His Gln Asn Asn Val
1 5

<210> 4881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4881
Ala His Gln Asn Asn Val Gly Arg Met
1 5

<210> 4882
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4882
Glu Ala Ala His Gln Asn Asn Val Gly Arg
1 5 10

<210> 4883
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4883
Leu Glu Arg Gln Leu His Glu Ala Ala His
1 5 10

<210> 4884
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4884
Arg Gln Leu His Glu Ala Ala His Gln Asn
1 5 10

<210> 4885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4885
Ala Ala His Gln Asn Asn Val Gly Arg Met
1 5 10

<210> 4886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4886
Glu Met Pro Thr Asn Val Cys Leu Ile
1 5

<210> 4887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4887
Leu Ile Val Thr Ser Ser Thr Ser Leu
1 5

<210> 4888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4888
Met Pro Thr Asn Val Cys Leu Ile Val
1 5

<210> 4889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4889
Cys Leu Ile Val Thr Ser Ser Thr Ser Leu
1 5 10

<210> 4890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4890
Glu Met Pro Thr Asn Val Cys Leu Ile Val
1 5 10

<210> 4891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4891
Ile Val Thr Ser Ser Thr Ser Leu Thr Val
1 5 10

<210> 4892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4892
Met Pro Thr Asn Val Cys Leu Ile Val Thr
1 5 10

<210> 4893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4893
Pro Glu Met Pro Thr Asn Val Cys Leu Ile
1 5 10

<210> 4894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4894
Cys Val Cys Arg Glu His Pro Gly Arg
1 5

<210> 4895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4895
Arg Glu His Pro Gly Arg Ser Pro Pro
1 5

<210> 4896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4896
Cys Val Cys Val Cys Val Cys Val Cys Arg
1 5 10

<210> 4897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4897
Arg Glu His Pro Gly Arg Ser Pro Pro Gly
1 5 10

<210> 4898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4898
Arg Trp Tyr Cys Trp Arg Gly Ser Lys
1 5

<210> 4899
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4899
Cys Tyr Arg Trp Tyr Cys Trp Arg Gly
1 5

<210> 4900
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4900
Gln Ala Glu Arg Gly Leu Cys Tyr Arg
1 5

<210> 4901
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4901
Leu Cys Tyr Arg Trp Tyr Cys Trp Arg
1 5

<210> 4902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4902
Pro Gln Ala Glu Arg Gly Leu Cys Tyr
1 5

<210> 4903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4903
Ala Glu Arg Gly Leu Cys Tyr Arg Trp
1 5

<210> 4904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4904
Arg Gly Leu Cys Tyr Arg Trp Tyr Cys Trp
1 5 10

<210> 4905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4905
Gly Leu Cys Tyr Arg Trp Tyr Cys Trp Arg
1 5 10

<210> 4906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4906
Leu Pro Gln Ala Glu Arg Gly Leu Cys Tyr
1 5 10

<210> 4907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4907
Ala Glu Arg Gly Leu Cys Tyr Arg Trp Tyr
1 5 10

<210> 4908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4908
Phe Ile Ile Ile Glu Thr Pro Leu Leu
1 5

<210> 4909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4909

Ile Ile Ile Glu Thr Pro Leu Leu Val
1 5

<210> 4910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4910
Ile Ile Glu Thr Pro Leu Leu Val Lys
1 5

<210> 4911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4911
Ile Glu Thr Pro Leu Leu Val Lys Ile
1 5

<210> 4912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4912
Phe Ile Ile Ile Glu Thr Pro Leu Leu Val
1 5 10

<210> 4913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4913
Ile Ile Ile Glu Thr Pro Leu Leu Val Lys
1 5 10

<210> 4914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4914
Trp Phe Ile Ile Ile Glu Thr Pro Leu Leu
1 5 10

<210> 4915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4915
Gly Glu Pro Trp Phe Ile Ile Ile Glu Thr
1 5 10

<210> 4916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4916
His Leu Leu Lys Arg Asp Tyr Arg Lys
1 5

<210> 4917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4917
Lys His Leu Leu Lys Arg Asp Tyr Arg
1 5

<210> 4918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4918
Lys His Leu Leu Lys Arg Asp Tyr Arg Lys
1 5 10

<210> 4919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4919
Ser Ala Ser Glu Ala Pro Ser Pro Ala
1 5

<210> 4920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4920
Glu Ala Pro Ser Pro Ala Pro Pro Ala
1 5

<210> 4921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4921
Ser Pro Ala Pro Pro Ala Ser Pro Ala
1 5

<210> 4922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4922
Phe Ser Ala Ser Glu Ala Pro Ser Pro Ala
1 5 10

<210> 4923
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4923
Ser Pro Ala Pro Pro Ala Ser Pro Ala Pro
1 5 10

<210> 4924
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4924
Ser Glu Ala Pro Ser Pro Ala Pro Pro Ala
1 5 10

<210> 4925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4925
Lys Ser Asn Ala Lys Ile Lys Asp Lys
1 5

<210> 4926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4926
Lys Asp Lys Asp His Ser Pro Thr Phe

1 5

<210> 4927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4927
Ile Lys Asp Lys Asp His Ser Pro Thr Phe
1 5 10

<210> 4928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4928
Leu Gln Lys Lys Ser Lys Leu Glu Lys
1 5

<210> 4929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4929
Thr Leu Gln Lys Lys Ser Lys Leu Glu Lys
1 5 10

<210> 4930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4930
Lys Ser His Lys Glu Asn Thr Ser Val
1 5

<210> 4931

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4931
Asn Thr Ser Val His Thr Asp Trp Leu
1 5

<210> 4932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4932
Asn Thr Ser Val His Thr Asp Trp Leu Leu
1 5 10

<210> 4933
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4933
Lys Ser His Lys Glu Asn Thr Ser Val His
1 5 10

<210> 4934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4934
Lys Glu Asn Thr Ser Val His Thr Asp Trp
1 5 10

<210> 4935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4935
Lys Ser Gly Thr Val Leu Arg Ala Val
1 5

<210> 4936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4936
Glu Gln Lys Ser Gly Thr Val Leu Arg
1 5

<210> 4937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4937
Gln Lys Ser Gly Thr Val Leu Arg Ala Val
1 5 10

<210> 4938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4938
Arg Ile Ile Ser Pro Arg Ser Ile Lys
1 5

<210> 4939
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4939
Leu Tyr Ile Pro Lys Arg Arg Ile Ile
1   5

<210> 4940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4940
Lys Leu Tyr Ile Pro Lys Arg Arg Ile
1   5

<210> 4941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4941
Lys Arg Arg Ile Ile Ser Pro Arg Ser
1   5

<210> 4942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4942
Ile Pro Lys Arg Arg Ile Ile Ser Pro
1   5

<210> 4943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 4943
Arg Arg Ile Ile Ser Pro Arg Ser Ile
1   5

<210> 4944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4944
Ile Ser Lys Leu Tyr Ile Pro Lys Arg Arg
1 5 10

<210> 4945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4945
Lys Leu Tyr Ile Pro Lys Arg Arg Ile Ile
1 5 10

<210> 4946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4946
Lys Arg Arg Ile Ile Ser Pro Arg Ser Ile
1 5 10

<210> 4947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4947
Ile Pro Lys Arg Arg Ile Ile Ser Pro Arg
1 5 10

<210> 4948
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4948
Arg Gly Lys Lys Tyr Gly Glu Lys Thr Arg
1 5 10

<210> 4949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4949
Lys Lys Tyr Gly Glu Lys Thr Arg Thr Val
1 5 10

<210> 4950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4950
Ser Val Pro Asn Thr Ala Thr Glu Lys
1 5

<210> 4951
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4951
Lys Glu Asp Ser Val Pro Asn Thr Ala
1 5

<210> 4952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4952
Ser Val Pro Asn Thr Ala Thr Glu Lys Lys
1 5 10

<210> 4953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4953
Lys Glu Asp Ser Val Pro Asn Thr Ala Thr
1 5 10

<210> 4954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4954
Ile Val Lys Arg Lys Arg Glu Asp Leu
1 5

<210> 4955
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4955
Ala Leu Leu Tyr Ala Gly Val Lys Met
1 5

<210> 4956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4956
Ser Ala Leu Leu Tyr Ala Gly Val Lys Met
1 5 10

<210> 4957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4957
Cys Leu Gln Gln His Ser Asp Thr Glu Lys
1 5 10

<210> 4958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4958
Ala Glu Arg Thr Glu Cys Leu Asn Cys Leu
1 5 10

<210> 4959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4959
Tyr Gln Glu Trp Ala Cys Tyr Gly Val
1 5

<210> 4960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4960
Trp Ala Cys Tyr Gly Val Phe Tyr Lys
1 5

<210> 4961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4961
Ala Cys Tyr Gly Val Phe Tyr Lys Phe
1 5

<210> 4962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4962
Leu Leu Tyr Gln Glu Trp Ala Cys Tyr
1 5

<210> 4963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4963
Glu Trp Ala Cys Tyr Gly Val Phe Tyr
1 5

<210> 4964
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4964
Gln Glu Trp Ala Cys Tyr Gly Val Phe
1 5

<210> 4965
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4965
Leu Tyr Gln Glu Trp Ala Cys Tyr Gly Val
1 5 10

<210> 4966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4966
Tyr Gln Glu Trp Ala Cys Tyr Gly Val Phe
1 5 10

<210> 4967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4967
Trp Ala Cys Tyr Gly Val Phe Tyr Lys Phe
1 5 10

<210> 4968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4968
Lys Leu Leu Tyr Gln Glu Trp Ala Cys Tyr
1 5 10

<210> 4969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4969
Glu Trp Ala Cys Tyr Gly Val Phe Tyr Lys
1 5 10

<210> 4970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4970
Gln Glu Trp Ala Cys Tyr Gly Val Phe Tyr
1 5 10

<210> 4971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4971
Leu Ser Gln Ser Tyr Ala Tyr Ser Lys
1 5

<210> 4972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4972
Ser Leu Pro Cys Leu Ser Gln Ser Tyr
1 5

<210> 4973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4973

Ser Leu Pro Cys Leu Ser Gln Ser Tyr Ala
1 5 10

<210> 4974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4974
Cys Leu Ser Gln Ser Tyr Ala Tyr Ser Lys
1 5 10

<210> 4975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4975
Arg Ser Leu Pro Cys Leu Ser Gln Ser Tyr
1 5 10

<210> 4976
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4976
Ser Gln Ser Tyr Ala Tyr Ser Lys Ser Leu
1 5 10

<210> 4977
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4977
Leu Pro Cys Leu Ser Gln Ser Tyr Ala Tyr
1 5 10

<210> 4978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4978
Leu Val Gln Glu Ile Met Tyr Glu Ala
1 5

<210> 4979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4979
Lys Tyr Leu Val Gln Glu Ile Met Tyr
1 5

<210> 4980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4980
Ile Met Tyr Glu Ala Glu Leu Glu His
1 5

<210> 4981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4981
Arg Glu Lys Tyr Leu Val Gln Glu Ile
1 5

<210> 4982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4982
Glu Lys Tyr Leu Val Gln Glu Ile Met
1 5

<210> 4983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4983
Gln Glu Ile Met Tyr Glu Ala Glu Leu
1 5

<210> 4984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4984
Tyr Leu Val Gln Glu Ile Met Tyr Glu Ala
1 5 10

<210> 4985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4985
Ile Met Tyr Glu Ala Glu Leu Glu His Leu
1 5 10

<210> 4986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 4986
Arg Arg Glu Lys Tyr Leu Val Gln Glu Ile
1 5 10

<210> 4987
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4987
Arg Glu Lys Tyr Leu Val Gln Glu Ile Met
1 5 10

<210> 4988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4988
Glu Lys Tyr Leu Val Gln Glu Ile Met Tyr
1 5 10

<210> 4989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4989
Val Gln Glu Ile Met Tyr Glu Ala Glu Leu
1 5 10

<210> 4990
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4990
Ile Gln Gly Glu Leu Ser Gly Asp Phe

1 5

<210> 4991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4991
Ile Glu Ala Ser Ile Gln Gly Glu Leu
1 5

<210> 4992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4992
Gly Gln Leu Cys Leu Leu Ser Gly Val
1 5

<210> 4993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4993
Cys Leu Leu Ser Gly Val Ala Ala Ala
1 5

<210> 4994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4994
Arg Leu Leu Trp Gln Ala Thr Pro Ala
1 5

<210> 4995

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4995
Arg Phe Leu Thr Gln Arg Leu Gly Ala
1 5

<210> 4996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4996
Phe Leu Thr Gln Arg Leu Gly Ala Arg
1 5

<210> 4997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4997
Leu Trp Gln Ala Thr Pro Ala Gln Arg
1 5

<210> 4998
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 4998
Ser Pro Gly Pro Ala Leu Gly Gln Leu
1 5

<210> 4999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 4999
Gly Pro Ala Leu Gly Gln Leu Cys Leu
1 5

<210> 5000
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5000
Cys Pro Gly Gly Thr Gly His Arg Leu
1 5

<210> 5001
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5001
Thr Gln Arg Leu Gly Ala Arg Ala Gly
1 5

<210> 5002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5002
Ser Gln Gly Cys Ser Pro Gly Ser Leu
1 5

<210> 5003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5003
Phe Leu Thr Gln Arg Leu Gly Ala Arg Ala
1 5 10

<210> 5004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5004
Arg Phe Leu Thr Gln Arg Leu Gly Ala Arg
1 5 10

<210> 5005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5005
Leu Leu Trp Gln Ala Thr Pro Ala Gln Arg
1 5 10

<210> 5006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5006
Gly Pro Ala Leu Gly Gln Leu Cys Leu Leu
1 5 10

<210> 5007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5007
Cys Pro Gly Gly Thr Gly His Arg Leu Leu
1 5 10

<210> 5008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5008
Met Arg Phe Leu Thr Gln Arg Leu Gly Ala
1 5 10

<210> 5009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5009
Gly Gln Leu Cys Leu Leu Ser Gly Val Ala
1 5 10

<210> 5010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5010
His Arg Leu Leu Trp Gln Ala Thr Pro Ala
1 5 10

<210> 5011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5011
Leu Leu Gly Ser Val Pro Gly Gly Lys
1 5

<210> 5012
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5012
Asn Glu Val Ser Leu Leu Gly Ser Val
1 5

<210> 5013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5013
Leu Leu Gly Ser Val Pro Gly Gly Lys Val
1 5 10

<210> 5014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5014
Ser Leu Leu Gly Ser Val Pro Gly Gly Lys
1 5 10

<210> 5015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5015
Ser Val Pro Gly Gly Lys Val Glu Phe Lys
1 5 10

<210> 5016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5016
Gly Ser Val Pro Gly Gly Lys Val Glu Phe
1 5 10

<210> 5017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5017
Glu Leu Ser Asn Thr Asn Pro Ser Val
1 5

<210> 5018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5018
Leu Lys Ile Glu Phe Thr Phe Glu Leu
1 5

<210> 5019
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5019
Phe Glu Leu Ser Asn Thr Asn Pro Ser
1 5

<210> 5020
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5020
Ile Glu Phe Thr Phe Glu Leu Ser Asn
1 5

<210> 5021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5021
Gly Leu Lys Ile Glu Phe Thr Phe Glu Leu
1 5 10

<210> 5022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5022
Ile Glu Phe Thr Phe Glu Leu Ser Asn Thr
1 5 10

<210> 5023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5023
Phe Glu Leu Ser Asn Thr Asn Pro Ser Val
1 5 10

<210> 5024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5024
Gly Val Ser Asn Pro Phe Leu Gln Val
1 5

<210> 5025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5025
Asn Pro Phe Leu Gln Val Gln Ile Leu
1 5

<210> 5026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5026
Ser Ile Ser Gly Val Ser Asn Pro Phe
1 5

<210> 5027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5027
Ser Ile Ser Gly Val Ser Asn Pro Phe Leu
1 5 10

<210> 5028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5028
His Ser Ile Ser Gly Val Ser Asn Pro Phe
1 5 10

<210> 5029
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5029
Asn Pro Phe Leu Gln Val Gln Ile Leu Arg
1 5 10

<210> 5030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5030
Val Ser Asn Pro Phe Leu Gln Val Gln Ile
1 5 10

<210> 5031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5031
Leu Val Ser Glu Met Lys Met Phe Val
1 5

<210> 5032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5032
Thr Phe His Leu Val Ser Glu Met Lys
1 5

<210> 5033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5033
Glu Thr Phe His Leu Val Ser Glu Met
1 5

<210> 5034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5034
Phe His Leu Val Ser Glu Met Lys Met
1 5

<210> 5035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5035
His Leu Val Ser Glu Met Lys Met Phe
1 5

<210> 5036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5036
Ser Glu Met Lys Met Phe Val Ile Ser
1 5

<210> 5037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5037

Arg Glu Thr Phe His Leu Val Ser Glu
1 5

<210> 5038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5038
His Leu Val Ser Glu Met Lys Met Phe Val
1 5 10

<210> 5039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5039
Leu Val Ser Glu Met Lys Met Phe Val Ile
1 5 10

<210> 5040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5040
Glu Thr Phe His Leu Val Ser Glu Met Lys
1 5 10

<210> 5041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5041
Arg Glu Thr Phe His Leu Val Ser Glu Met
1 5 10

<210> 5042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5042
Phe His Leu Val Ser Glu Met Lys Met Phe
1 5 10

<210> 5043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5043
Val Gln Thr Asp Val Leu Val Trp Val
1 5

<210> 5044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5044
Val Leu Val Trp Val Lys Gly Pro Leu
1 5

<210> 5045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5045
Gln Thr Asp Val Leu Val Trp Val Lys
1 5

<210> 5046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5046
His Val Gln Thr Asp Val Leu Val Trp
1 5

<210> 5047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5047
Val Leu Val Trp Val Lys Gly Pro Leu Leu
1 5 10

<210> 5048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5048
His Val Gln Thr Asp Val Leu Val Trp Val
1 5 10

<210> 5049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5049
Val Gln Thr Asp Val Leu Val Trp Val Lys
1 5 10

<210> 5050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5050
Asp Val Leu Val Trp Val Lys Gly Pro Leu
1 5 10

<210> 5051
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5051
Phe Leu Arg Ala Asn Gly Ile Asn Pro Lys
1 5 10

<210> 5052
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5052
Gly Ile Asn Pro Lys Asp Leu Ser Gln Lys
1 5 10

<210> 5053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5053
Asn Pro Lys Asp Leu Ser Gln Lys Glu Tyr
1 5 10

<210> 5054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5054
Gly Leu Asn Asn Gln Ser Arg Val Lys

1 5

<210> 5055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5055
Lys Gly Leu Asn Asn Gln Ser Arg Val Lys
1 5 10

<210> 5056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5056
Ile Ile Lys Gly Leu Asn Asn Gln Ser Arg
1 5 10

<210> 5057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5057
Gly Ala Lys Thr Arg Leu Cys Thr Ala
1 5

<210> 5058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5058
Lys Thr Arg Leu Cys Thr Ala Pro Asp
1 5

<210> 5059

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5059
Lys Thr Arg Leu Cys Thr Ala Pro Asp Pro
1 5 10

<210> 5060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5060
His Pro Lys Thr Gly Ala Lys Thr Arg Leu
1 5 10

<210> 5061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5061
Ser Ser Arg Ser Glu Lys Ile Glu Val
1 5

<210> 5062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5062
Glu Val Trp Arg Glu Asn Ala Glu Leu
1 5

<210> 5063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5063
Glu Val Trp Arg Glu Asn Ala Glu Leu Val
1 5 10

<210> 5064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5064
Ser Ser Arg Ser Glu Lys Ile Glu Val Trp
1 5 10

<210> 5065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5065
Ile Glu Val Trp Arg Glu Asn Ala Glu Leu
1 5 10

<210> 5066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5066
Cys Leu Ala Asp Val Leu Leu Ser Val
1 5

<210> 5067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5067
Val Leu Leu Ser Val His Leu Ile Val
1   5

<210> 5068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5068
Leu Leu Ser Val His Leu Ile Val Leu
1   5

<210> 5069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5069
Thr Met Phe Arg Arg Pro His Ser Cys
1   5

<210> 5070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5070
Ser Val His Leu Ile Val Leu Arg Val
1   5

<210> 5071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5071
Lys Val His Leu Asn Thr Met Phe Arg
1   5

<210> 5072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5072
Leu Ser Val His Leu Ile Val Leu Arg
1 5

<210> 5073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5073
Val Val Arg Leu Pro Ala Pro Phe Arg
1 5

<210> 5074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5074
Arg Val Val Arg Leu Pro Ala Pro Phe
1 5

<210> 5075
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5075
Lys Val Val Leu Arg His Pro Lys Val
1 5

<210> 5076
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5076
Val Leu Arg His Pro Lys Val His Leu
1 5

<210> 5077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5077
Met Phe Arg Arg Pro His Ser Cys Leu
1 5

<210> 5078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5078
Val Leu Arg Val Val Arg Leu Pro Ala
1 5

<210> 5079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5079
Lys Ala Val Glu Phe Leu Gln Glu Arg
1 5

<210> 5080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5080
Asn Leu Pro Pro Lys Val Val Leu Arg
1 5

<210> 5081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5081
His Leu Ile Val Leu Arg Val Val Arg
1 5

<210> 5082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5082
Asp Val Leu Leu Ser Val His Leu Ile
1 5

<210> 5083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5083
His Pro Lys Val His Leu Asn Thr Met
1 5

<210> 5084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5084
Arg Pro His Ser Cys Leu Ala Asp Val
1 5

<210> 5085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5085
Ala Pro Phe Arg Val Asn His Ala Val
1 5

<210> 5086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5086
Ala Arg His Lys Ala Val Glu Phe Leu
1 5

<210> 5087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5087
Arg Asn Leu Pro Pro Lys Val Val Leu
1 5

<210> 5088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5088
Phe Arg Val Asn His Ala Val Glu Trp
1 5

<210> 5089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5089
Leu Pro Ala Pro Phe Arg Val Asn His
1 5

<210> 5090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5090
Val Glu Phe Leu Gln Glu Arg Asn Leu
1 5

<210> 5091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5091
Gln Glu Arg Asn Leu Pro Pro Lys Val
1 5

<210> 5092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5092
Ala Asp Val Leu Leu Ser Val His Leu
1 5

<210> 5093
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5093
Thr Met Phe Arg Arg Pro His Ser Cys Leu
1 5 10

<210> 5094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5094
Val Leu Leu Ser Val His Leu Ile Val Leu
1 5 10

<210> 5095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5095
Ser Val His Leu Ile Val Leu Arg Val Val
1 5 10

<210> 5096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5096
His Leu Ile Val Leu Arg Val Val Arg Leu
1 5 10

<210> 5097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5097
Phe Leu Gln Glu Arg Asn Leu Pro Pro Lys
1 5 10

<210> 5098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5098
Lys Val His Leu Asn Thr Met Phe Arg Arg
1 5 10

<210> 5099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5099
Arg Val Val Arg Leu Pro Ala Pro Phe Arg
1 5 10

<210> 5100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5100
Ser Ala Arg His Lys Ala Val Glu Phe Leu
1 5 10

<210> 5101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5101

Arg Asn Leu Pro Pro Lys Val Val Leu Arg
1 5 10

<210> 5102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5102
Met Phe Arg Arg Pro His Ser Cys Leu Ala
1 5 10

<210> 5103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5103
Val Val Arg Leu Pro Ala Pro Phe Arg Val
1 5 10

<210> 5104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5104
Leu Leu Ser Val His Leu Ile Val Leu Arg
1 5 10

<210> 5105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5105
Asp Val Leu Leu Ser Val His Leu Ile Val
1 5 10

<210> 5106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5106
Leu Ser Val His Leu Ile Val Leu Arg Val
1 5 10

<210> 5107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5107
His Pro Lys Val His Leu Asn Thr Met Phe
1 5 10

<210> 5108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5108
Arg Pro His Ser Cys Leu Ala Asp Val Leu
1 5 10

<210> 5109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5109
Leu Pro Ala Pro Phe Arg Val Asn His Ala
1 5 10

<210> 5110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5110
Asn Thr Met Phe Arg Arg Pro His Ser Cys
1 5 10

<210> 5111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5111
Leu Gln Glu Arg Asn Leu Pro Pro Lys Val
1 5 10

<210> 5112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5112
Arg His Pro Lys Val His Leu Asn Thr Met
1 5 10

<210> 5113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5113
His Leu Asn Thr Met Phe Arg Arg Pro His
1 5 10

<210> 5114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5114
Cys Leu Ala Asp Val Leu Leu Ser Val His
1 5 10

<210> 5115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5115
Leu Arg Val Val Arg Leu Pro Ala Pro Phe
1 5 10

<210> 5116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5116
Ala Asp Val Leu Leu Ser Val His Leu Ile
1 5 10

<210> 5117
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5117
Val Thr Arg Phe Lys His Leu Arg Lys
1 5

<210> 5118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5118
Leu Val Cys Pro Lys Asp Val Thr Arg

1 5

<210> 5119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5119
Asp Val Thr Arg Phe Lys His Leu Arg
1 5

<210> 5120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5120
Val Thr Arg Phe Lys His Leu Arg Lys Tyr
1 5 10

<210> 5121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5121
Ser Leu Val Cys Pro Lys Asp Val Thr Arg
1 5 10

<210> 5122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5122
Asp Val Thr Arg Phe Lys His Leu Arg Lys
1 5 10

<210> 5123

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5123
Leu Val Cys Pro Lys Asp Val Thr Arg Phe
1 5 10

<210> 5124
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5124
Gly Met Asn Tyr Cys Thr Ser Gly Ala
1 5

<210> 5125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5125
Lys Gln Val Phe Pro Gly Met Asn Tyr
1 5

<210> 5126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5126
Met Asn Tyr Cys Thr Ser Gly Ala Tyr
1 5

<210> 5127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5127
Gly Met Asn Tyr Cys Thr Ser Gly Ala Tyr
1 5 10

<210> 5128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5128
Ser Val Cys Lys Gln Val Phe Pro Gly Met
1 5 10

<210> 5129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5129
Cys Lys Gln Val Phe Pro Gly Met Asn Tyr
1 5 10

<210> 5130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5130
Lys Gln Val Phe Pro Gly Met Asn Tyr Cys
1 5 10

<210> 5131
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5131
Asn Gln Tyr Lys Tyr Asn Gln Asn Leu
1 5

<210> 5132
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5132
Tyr Lys Tyr Asn Gln Asn Leu Ser Ala
1 5

<210> 5133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5133
Asn Leu Ser Ala Gly Asn Asn Glu Asn Ile
1 5 10

<210> 5134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5134
Gln Tyr Lys Tyr Asn Gln Asn Leu Ser Ala
1 5 10

<210> 5135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5135
Phe Asn Gln Tyr Lys Tyr Asn Gln Asn Leu
1 5 10

<210> 5136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5136
Asn Gln Tyr Lys Tyr Asn Gln Asn Leu Ser
1 5 10

<210> 5137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5137
Tyr Lys Tyr Asn Gln Asn Leu Ser Ala Gly
1 5 10

<210> 5138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5138
Leu Ser Ala Gly Asn Asn Glu Asn Ile Met
1 5 10

<210> 5139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5139
Thr Ile Pro Glu Met Cys Leu Pro Tyr
1 5

<210> 5140
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5140
Pro Glu Met Cys Leu Pro Tyr Thr Ile
1 5

<210> 5141
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5141
Leu Thr Ile Pro Glu Met Cys Leu Pro Tyr
1 5 10

<210> 5142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5142
Pro Glu Met Cys Leu Pro Tyr Thr Ile Ile
1 5 10

<210> 5143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5143
Ile Pro Leu Thr Ile Pro Glu Met Cys Leu
1 5 10

<210> 5144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5144
Ile Pro Glu Met Cys Leu Pro Tyr Thr Ile
1 5 10

<210> 5145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5145
Val Glu Ala Glu Glu Ser Ala Gly Val
1 5

<210> 5146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5146
Val Glu Asp Ser Cys Gly Leu Asp Pro Ala
1 5 10

<210> 5147
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5147
Phe Met Pro Leu Ala Pro Tyr Trp Ile
1 5

<210> 5148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5148
Trp Phe Met Pro Leu Ala Pro Tyr Trp
1 5

<210> 5149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5149
Lys Phe Ser Trp Phe Met Pro Leu Ala
1 5

<210> 5150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5150
Ser Trp Phe Met Pro Leu Ala Pro Tyr
1 5

<210> 5151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5151
Met Pro Leu Ala Pro Tyr Trp Ile Leu
1 5

<210> 5152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5152
Val Lys Phe Ser Trp Phe Met Pro Leu
1 5

<210> 5153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5153
Phe Ser Trp Phe Met Pro Leu Ala Pro Tyr
1 5 10

<210> 5154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5154
Phe Met Pro Leu Ala Pro Tyr Trp Ile Leu
1 5 10

<210> 5155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5155
Ser Trp Phe Met Pro Leu Ala Pro Tyr Trp
1 5 10

<210> 5156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5156
Trp Phe Met Pro Leu Ala Pro Tyr Trp Ile
1 5 10

<210> 5157
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5157
Glu Val Lys Phe Ser Trp Phe Met Pro Leu
1 5 10

<210> 5158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5158
Val Lys Phe Ser Trp Phe Met Pro Leu Ala
1 5 10

<210> 5159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5159
Met Pro Leu Ala Pro Tyr Trp Ile Leu Ala
1 5 10

<210> 5160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5160
Arg Gly Arg Leu Val Gln Tyr Arg Gly
1 5

<210> 5161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5161
Met Glu Asp Val Arg Gly Arg Leu Val
1 5

<210> 5162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5162
Asp Val Arg Gly Arg Leu Val Gln Tyr Arg
1 5 10

<210> 5163
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5163
Lys Leu Thr Tyr Pro Leu Gly Leu Ala
1 5

<210> 5164
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5164
Lys Phe Lys Lys Leu Thr Tyr Pro Leu
1 5

<210> 5165
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5165

Gly Ser Lys Phe Lys Lys Leu Thr Tyr
1 5

<210> 5166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5166
Lys Lys Leu Thr Tyr Pro Leu Gly Leu
1 5

<210> 5167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5167
Leu Thr Tyr Pro Leu Gly Leu Ala Thr Leu
1 5 10

<210> 5168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5168
Lys Phe Lys Lys Leu Thr Tyr Pro Leu Gly
1 5 10

<210> 5169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5169
Lys Gly Ser Lys Phe Lys Lys Leu Thr Tyr
1 5 10

<210> 5170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5170
Ser Lys Phe Lys Lys Leu Thr Tyr Pro Leu
1 5 10

<210> 5171
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5171
Phe Lys Lys Leu Thr Tyr Pro Leu Gly Leu
1 5 10

<210> 5172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5172
Ser Trp Leu Ile Ala Ala Ser Ser Arg
1 5

<210> 5173
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5173
Leu Glu Glu Gln Ser Trp Leu Ile Ala
1 5

<210> 5174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5174
Glu Glu Gln Ser Trp Leu Ile Ala Ala
1 5

<210> 5175
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5175
Gln Ser Trp Leu Ile Ala Ala Ser Ser Arg
1 5 10

<210> 5176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5176
Ile Glu Lys Asp Leu Glu Glu Gln Ser Trp
1 5 10

<210> 5177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5177
Leu Glu Glu Gln Ser Trp Leu Ile Ala Ala
1 5 10

<210> 5178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5178
Glu Glu Gln Ser Trp Leu Ile Ala Ala Ser
1 5 10

<210> 5179
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5179
Lys Asp Leu Glu Glu Gln Ser Trp Leu Ile
1 5 10

<210> 5180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5180
Gly Thr Ala Thr Tyr Leu Leu Leu Val
1 5

<210> 5181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5181
Ala Thr Tyr Leu Leu Leu Val Ala Leu
1 5

<210> 5182
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5182
Ala Thr Val Gly Thr Ala Thr Tyr Leu

1 5

<210> 5183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5183
Thr Val Gly Thr Ala Thr Tyr Leu Leu
1 5

<210> 5184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5184
Gly Thr Ala Thr Tyr Leu Leu Leu Val Ala
1 5 10

<210> 5185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5185
Ala Thr Tyr Leu Leu Leu Val Ala Leu His
1 5 10

<210> 5186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5186
Ala Thr Val Gly Thr Ala Thr Tyr Leu Leu
1 5 10

<210> 5187

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5187
His Ile Thr Pro Ala Val Thr Val Ala
1 5

<210> 5188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5188
Ser Gly Ala His Ile Thr Pro Ala Val
1 5

<210> 5189
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5189
Thr Pro Ala Val Thr Val Ala Cys Leu
1 5

<210> 5190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5190
Ala His Ile Thr Pro Ala Val Thr Val
1 5

<210> 5191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5191
His Ile Ser Gly Ala His Ile Thr Pro Ala
1 5 10

<210> 5192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5192
Ile Thr Pro Ala Val Thr Val Ala Cys Leu
1 5 10

<210> 5193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5193
Thr Pro Ala Val Thr Val Ala Cys Leu Val
1 5 10

<210> 5194
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5194
Ala His Ile Thr Pro Ala Val Thr Val Ala
1 5 10

<210> 5195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5195
His Met Pro Thr Tyr Leu Val Thr Phe
1   5

<210> 5196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5196
Pro Thr Tyr Leu Val Thr Phe Val Ile
1   5

<210> 5197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5197
Thr Tyr Leu Val Thr Phe Val Ile Cys
1   5

<210> 5198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5198
Leu Val Thr Phe Val Ile Cys Asp Tyr
1   5

<210> 5199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5199
Met Pro Thr Tyr Leu Val Thr Phe Val
1   5

<210> 5200
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5200
His Met Pro Thr Tyr Leu Val Thr Phe Val
1 5 10

<210> 5201
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5201
Pro His Met Pro Thr Tyr Leu Val Thr Phe
1 5 10

<210> 5202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5202
Tyr Leu Val Thr Phe Val Ile Cys Asp Tyr
1 5 10

<210> 5203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5203
Met Pro Thr Tyr Leu Val Thr Phe Val Ile
1 5 10

<210> 5204
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5204
Gly Ile Arg Arg Glu Ser Pro Leu Val
1 5

<210> 5205
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5205
Thr Gly Ile Arg Arg Glu Ser Pro Leu
1 5

<210> 5206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5206
Arg Arg Glu Ser Pro Leu Val Gly Leu
1 5

<210> 5207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5207
Arg Glu Ser Pro Leu Val Gly Leu Leu
1 5

<210> 5208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5208
Phe Thr Gly Ile Arg Arg Glu Ser Pro Leu
1 5 10

<210> 5209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5209
Ile Arg Arg Glu Ser Pro Leu Val Gly Leu
1 5 10

<210> 5210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5210
Ser Leu His Asn Arg Thr Trp Tyr Val
1 5

<210> 5211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5211
His Asn Arg Thr Trp Tyr Val Gln Ala
1 5

<210> 5212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5212
Gln Ser Leu His Asn Arg Thr Trp Tyr
1 5

<210> 5213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5213
Leu Gln Ser Leu His Asn Arg Thr Trp
1 5

<210> 5214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5214
Gln Ser Leu His Asn Arg Thr Trp Tyr Val
1 5 10

<210> 5215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5215
Leu Gln Ser Leu His Asn Arg Thr Trp Tyr
1 5 10

<210> 5216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5216
Lys Leu Gly Leu Gln Ser Leu His Asn Arg
1 5 10

<210> 5217
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5217
Gly Leu Gln Ser Leu His Asn Arg Thr Trp
1 5 10

<210> 5218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5218
Ser Trp Ala Asn Ile Thr Tyr Gly Val
1 5

<210> 5219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5219
Asn Pro Ser Trp Ala Asn Ile Thr Tyr
1 5

<210> 5220
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5220
Trp Ala Asn Ile Thr Tyr Gly Val Phe
1 5

<210> 5221
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5221
Ala Lys Asn Pro Ser Trp Ala Asn Ile
1 5

<210> 5222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5222
Ala Asn Ile Thr Tyr Gly Val Phe Leu
1 5

<210> 5223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5223
Ser Trp Ala Asn Ile Thr Tyr Gly Val Phe
1 5 10

<210> 5224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5224
Gly Ala Lys Asn Pro Ser Trp Ala Asn Ile
1 5 10

<210> 5225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5225
Lys Asn Pro Ser Trp Ala Asn Ile Thr Tyr
1 5 10

<210> 5226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5226
Asn Ile Thr Tyr Gly Val Phe Leu Cys Ile
1 5 10

<210> 5227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5227
Trp Ala Asn Ile Thr Tyr Gly Val Phe Leu
1 5 10

<210> 5228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5228
Lys Met Leu Thr Gln Thr Asp Ser Ala
1 5

<210> 5229
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5229

Glu Ile Ala Glu Val Leu Phe His Ile
1 5

<210> 5230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5230
Lys Met Asn Ile Ser Gly Lys Lys Met
1 5

<210> 5231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5231
Asp Ser Ala Trp Asp Leu Glu Ile Ala
1 5

<210> 5232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5232
Met Leu Thr Gln Thr Asp Ser Ala Trp
1 5

<210> 5233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5233
Thr Gln Thr Asp Ser Ala Trp Asp Leu
1 5

<210> 5234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5234
Leu Glu Ile Ala Glu Val Leu Phe His
1 5

<210> 5235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5235
Trp Asp Leu Glu Ile Ala Glu Val Leu
1 5

<210> 5236
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5236
Gln Thr Asp Ser Ala Trp Asp Leu Glu Ile
1 5 10

<210> 5237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5237
Ser Ala Trp Asp Leu Glu Ile Ala Glu Val
1 5 10

<210> 5238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5238
Lys Met Asn Ile Ser Gly Lys Lys Met Leu
1 5 10

<210> 5239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5239
Glu Lys Met Asn Ile Ser Gly Lys Lys Met
1 5 10

<210> 5240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5240
Lys Lys Met Leu Thr Gln Thr Asp Ser Ala
1 5 10

<210> 5241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5241
Lys Met Leu Thr Gln Thr Asp Ser Ala Trp
1 5 10

<210> 5242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5242
Leu Glu Ile Ala Glu Val Leu Phe His Ile
1 5 10

<210> 5243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5243
Trp Asp Leu Glu Ile Ala Glu Val Leu Phe
1 5 10

<210> 5244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5244
Glu Thr Ala Pro Pro Thr Ser Ile Ser
1 5

<210> 5245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5245
Gly Glu Thr Ala Pro Pro Thr Ser Ile
1 5

<210> 5246
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5246
Glu Thr Ala Pro Pro Thr Ser Ile Ser Cys

1 5 10

<210> 5247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5247
Glu Leu Ile Gln Thr Ile Asn Asn Ile
1 5

<210> 5248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5248
Leu Ile Gln Thr Ile Asn Asn Ile Val
1 5

<210> 5249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5249
Gln Thr Ile Asn Asn Ile Val Phe Phe
1 5

<210> 5250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5250
Ile Gln Thr Ile Asn Asn Ile Val Phe
1 5

<210> 5251

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5251
Thr Ile Asn Asn Ile Val Phe Phe Pro Ala
1 5 10

<210> 5252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5252
Glu Leu Ile Gln Thr Ile Asn Asn Ile Val
1 5 10

<210> 5253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5253
Ile Gln Thr Ile Asn Asn Ile Val Phe Phe
1 5 10

<210> 5254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5254
Leu Ile Gln Thr Ile Asn Asn Ile Val Phe
1 5 10

<210> 5255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5255
Leu Glu Leu Ile Gln Thr Ile Asn Asn Ile
1 5 10

<210> 5256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5256
Val Ala Leu Gly Ile Ala Gly Glu Lys
1 5

<210> 5257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5257
Ala Leu Gly Ile Ala Gly Glu Lys Phe
1 5

<210> 5258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5258
Asp Glu Val Ala Leu Gly Ile Ala Gly
1 5

<210> 5259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5259
Val Ala Leu Gly Ile Ala Gly Glu Lys Phe
1 5 10

<210> 5260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5260
Asp Glu Val Ala Leu Gly Ile Ala Gly Glu
1 5 10

<210> 5261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5261
Lys Ala Trp His Thr Arg Trp Phe Val
1 5

<210> 5262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5262
Ala Trp His Thr Arg Trp Phe Val Leu
1 5

<210> 5263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5263
Gly Phe Val Lys Ala Trp His Thr Arg
1 5

<210> 5264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5264
Arg Lys Gln Gly Gly Phe Val Lys Ala
1 5

<210> 5265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5265
Lys Gln Gly Gly Phe Val Lys Ala Trp
1 5

<210> 5266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5266
Phe Val Lys Ala Trp His Thr Arg Trp
1 5

<210> 5267
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5267
Val Lys Ala Trp His Thr Arg Trp Phe
1 5

<210> 5268
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5268
Ala Trp His Thr Arg Trp Phe Val Leu Lys
1 5 10

<210> 5269
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5269
Gly Phe Val Lys Ala Trp His Thr Arg Trp
1 5 10

<210> 5270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5270
Lys Ala Trp His Thr Arg Trp Phe Val Leu
1 5 10

<210> 5271
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5271
Phe Val Lys Ala Trp His Thr Arg Trp Phe
1 5 10

<210> 5272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5272
Arg Lys Gln Gly Gly Phe Val Lys Ala Trp
1 5 10

<210> 5273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5273
Ser Pro Lys Glu Asn Thr Ser Thr Ala
1 5

<210> 5274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5274
Lys Glu Asn Thr Ser Thr Ala Thr Met
1 5

<210> 5275
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5275
Lys Ile Tyr Pro Pro Ser Gly Ser Pro Lys
1 5 10

<210> 5276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5276
Ser Pro Lys Glu Asn Thr Ser Thr Ala Thr
1 5 10

<210> 5277
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5277
Lys Glu Asn Thr Ser Thr Ala Thr Met Thr
1 5 10

<210> 5278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5278
Leu Val Asn Glu Phe Thr Arg Cys Lys
1 5

<210> 5279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5279
Phe Thr Arg Cys Lys His Leu Glu Leu
1 5

<210> 5280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5280
Cys Lys His Leu Glu Leu Thr Ala Thr
1 5

<210> 5281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5281
Asn Glu Phe Thr Arg Cys Lys His Leu
1 5

<210> 5282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5282
Val Leu Val Asn Glu Phe Thr Arg Cys Lys
1 5 10

<210> 5283
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5283
Cys Lys His Leu Glu Leu Thr Ala Thr Met
1 5 10

<210> 5284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5284
Val Gly Arg Arg Arg Gly Asn Val Val
1 5

<210> 5285
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5285
Val Glu Glu Ala Thr Gly Gln Ala Val
1 5

<210> 5286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5286
Val Gly Arg Arg Arg Gly Asn Val Val Arg
1 5 10

<210> 5287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5287
Lys Ala Ala Arg Ala Leu Cys His Arg
1 5

<210> 5288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5288
Ala Ala Arg Ala Leu Cys His Arg Ile
1 5

<210> 5289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5289
Arg Ala Leu Cys His Arg Ile Met Pro
1 5

<210> 5290
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5290
Leu Lys Ala Ala Arg Ala Leu Cys His
1 5

<210> 5291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5291
Ala Arg Ala Leu Cys His Arg Ile Met
1 5

<210> 5292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5292
His Arg Ile Met Pro Pro Leu Leu Leu
1 5

<210> 5293
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5293

Ala Leu Cys His Arg Ile Met Pro Pro Leu
1 5 10

<210> 5294
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5294
Lys Ala Ala Arg Ala Leu Cys His Arg Ile
1 5 10

<210> 5295
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5295
Ala Ala Arg Ala Leu Cys His Arg Ile Met
1 5 10

<210> 5296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5296
Arg Ala Leu Cys His Arg Ile Met Pro Pro
1 5 10

<210> 5297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5297
His Arg Ile Met Pro Pro Leu Leu Leu Leu
1 5 10

<210> 5298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5298
Tyr Leu Ala Asn Leu Pro Phe Thr Leu
1 5

<210> 5299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5299
Lys Tyr Leu Ala Asn Leu Pro Phe Thr
1 5

<210> 5300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5300
Gln Ile Arg Lys Asp Lys Tyr Leu Ala
1 5

<210> 5301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5301
Leu Ala Asn Leu Pro Phe Thr Leu Ile
1 5

<210> 5302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5302
Asp Lys Tyr Leu Ala Asn Leu Pro Phe
1 5

<210> 5303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5303
Ser Gln Ile Arg Lys Asp Lys Tyr Leu
1 5

<210> 5304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5304
Arg Lys Asp Lys Tyr Leu Ala Asn Leu
1 5

<210> 5305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5305
Tyr Leu Ala Asn Leu Pro Phe Thr Leu Ile
1 5 10

<210> 5306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5306
Lys Tyr Leu Ala Asn Leu Pro Phe Thr Leu
1 5 10

<210> 5307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5307
Lys Asp Lys Tyr Leu Ala Asn Leu Pro Phe
1 5 10

<210> 5308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5308
Leu Ala Asn Leu Pro Phe Thr Leu Ile Leu
1 5 10

<210> 5309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5309
Val Thr Asp Ser Gln Ala Asp Phe Leu
1 5

<210> 5310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5310
Phe Leu Lys Met Arg Leu Ser Lys Ser

1 5

<210> 5311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5311
Asp Phe Leu Lys Met Arg Leu Ser Lys
1 5

<210> 5312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5312
Val Thr Asp Ser Gln Ala Asp Phe Leu Lys
1 5 10

<210> 5313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5313
Ser Gln Ala Asp Phe Leu Lys Met Arg Leu
1 5 10

<210> 5314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5314
Asp Ser Gln Ala Asp Phe Leu Lys Met Arg
1 5 10

<210> 5315

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5315
Ser Asp Trp Trp Leu Ala Arg Cys Leu
1 5

<210> 5316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5316
Trp Leu Ala Arg Cys Leu Glu Ala Pro Ser
1 5 10

<210> 5317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5317
Leu Glu Ala Leu Thr Gly Gln Gly Met
1 5

<210> 5318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5318
Gln Gln Asp Asp Gly Ser Asp Ala Pro Leu
1 5 10

<210> 5319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5319
Gly Ser Arg Leu Arg Lys Gly Thr Val
1 5

<210> 5320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5320
Ser Gln Gln Glu Gly Ser Arg Leu Arg Lys
1 5 10

<210> 5321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5321
Arg Met Met Asn Trp His Trp Arg Lys
1 5

<210> 5322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5322
Asn Trp His Trp Arg Lys Pro Thr Trp
1 5

<210> 5323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5323
Cys Tyr Asn Ser Pro Arg Tyr Ser Ala
1 5

<210> 5324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5324
Leu Leu Glu Cys Tyr Asn Ser Pro Arg
1 5

<210> 5325
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5325
Tyr Asn Ser Pro Arg Tyr Ser Ala Phe
1 5

<210> 5326
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5326
Leu Glu Cys Tyr Asn Ser Pro Arg Tyr
1 5

<210> 5327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5327
Leu Leu Glu Cys Tyr Asn Ser Pro Arg Tyr
1 5 10

<210> 5328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5328
Met Met Asn Trp His Trp Arg Lys Pro Thr
1 5 10

<210> 5329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5329
Ser Ala Phe Glu Pro Thr Ser Pro Glu Arg
1 5 10

<210> 5330
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5330
Cys Tyr Asn Ser Pro Arg Tyr Ser Ala Phe
1 5 10

<210> 5331
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5331
Arg Met Met Asn Trp His Trp Arg Lys Pro
1 5 10

<210> 5332
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5332
Asp Leu Leu Glu Cys Tyr Asn Ser Pro Arg
1 5 10

<210> 5333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5333
Ser Pro Arg Tyr Ser Ala Phe Glu Pro Thr
1 5 10

<210> 5334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5334
Met Asn Trp His Trp Arg Lys Pro Thr Trp
1 5 10

<210> 5335
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5335
Phe Glu Pro Thr Ser Pro Glu Arg Met Met
1 5 10

<210> 5336
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5336
Ser Pro Glu Arg Met Met Asn Trp His Trp
1 5 10

<210> 5337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5337
Ser Leu Ala Pro Ser Met Thr Ser Ser
1 5

<210> 5338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5338
Leu Ala Pro Ser Met Thr Ser Ser Lys
1 5

<210> 5339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5339
Asp Ser Phe Gly Ser Gln Ala Ser Leu
1 5

<210> 5340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5340
Ser Gln Ala Ser Leu Ala Pro Ser Met
1 5

<210> 5341
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5341
Ser Leu Ala Pro Ser Met Thr Ser Ser Lys
1 5 10

<210> 5342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5342
Asp Ser Phe Gly Ser Gln Ala Ser Leu Ala
1 5 10

<210> 5343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5343
Gly Ser Gln Ala Ser Leu Ala Pro Ser Met
1 5 10

<210> 5344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5344
Ser Gln Ala Ser Leu Ala Pro Ser Met Thr
1 5 10

<210> 5345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5345
Ser Met Trp Ala His Gln Ala Val Leu
1 5

<210> 5346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5346
Asn Leu Gln Pro Thr Ser Met Trp Ala
1 5

<210> 5347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5347
Thr Ser Met Trp Ala His Gln Ala Val
1 5

<210> 5348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5348
Trp Ala His Gln Ala Val Leu Pro Ala
1 5

<210> 5349
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5349
Leu Gln Pro Thr Ser Met Trp Ala His
1 5

<210> 5350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5350
Thr Ser Met Trp Ala His Gln Ala Val Leu
1 5 10

<210> 5351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5351
Ser Met Trp Ala His Gln Ala Val Leu Pro
1 5 10

<210> 5352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5352
Met Trp Ala His Gln Ala Val Leu Pro Ala
1 5 10

<210> 5353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5353
Gly Gln Trp Met Ala His Met Ala Leu
1 5

<210> 5354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5354
Lys Met Tyr Thr Thr Ser Met Ala Met
1 5

<210> 5355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5355
Tyr Thr Thr Ser Met Ala Met Pro Ile
1 5

<210> 5356
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5356
Ser Met Ala Met Pro Ile Leu Pro Leu
1 5

<210> 5357
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5357

His Met Ala Leu Leu Pro Ser Gly Thr
1 5

<210> 5358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5358
Leu Leu Ser Ala Asp Gln Gln Ala Ala
1 5

<210> 5359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5359
Met Ala Leu Leu Pro Ser Gly Thr Lys
1 5

<210> 5360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5360
Lys Leu Pro Ser Leu Pro Leu Ser Lys
1 5

<210> 5361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5361
Pro Met Ala Ile Ser Ser Pro Pro Lys
1 5

<210> 5362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5362
Gln Trp Met Ala His Met Ala Leu Leu
1 5

<210> 5363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5363
Met Tyr Ser Pro Ser Arg Tyr Pro Arg
1 5

<210> 5364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5364
Lys Gly Arg Cys Thr Ala Cys His Thr
1 5

<210> 5365
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5365
Leu Ser Lys Met Tyr Thr Thr Ser Met
1 5

<210> 5366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5366
Arg Thr Asn Phe His Ser Ser Leu Ala
1 5

<210> 5367
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5367
His Pro Leu Ala Pro Met Pro Ser Lys
1 5

<210> 5368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5368
Leu Ala Ala Pro Ser Pro Ala Ser Arg
1 5

<210> 5369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5369
Thr Ala Cys His Thr Ala Leu Gly Arg
1 5

<210> 5370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5370
His Thr Ala Leu Gly Arg Gly Ser Leu
1 5

<210> 5371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5371
Thr Thr Ser Met Ala Met Pro Ile Leu
1 5

<210> 5372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5372
Glu Thr Val Ser Leu His Pro Leu Ala
1 5

<210> 5373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5373
Tyr Pro Arg Ser Ser Ser Ser Ser Ser
1 5

<210> 5374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5374
Ile Pro Met Ala Ile Ser Ser Pro Pro

1 5

<210> 5375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5375
Ser Pro Ala Ser Arg Leu Gln Cys Ile
1 5

<210> 5376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5376
Leu Pro Ala Ser Asn Lys Leu Pro Ser
1 5

<210> 5377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5377
Leu Pro Ser Leu Pro Leu Ser Lys Met
1 5

<210> 5378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5378
Met Pro Ile Leu Pro Leu Pro Gln Leu
1 5

<210> 5379

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5379
Ala Pro Arg Thr Asn Phe His Ser Ser
1 5

<210> 5380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5380
Gln Gln Ala Ala Pro Arg Thr Asn Phe
1 5

<210> 5381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5381
Ser Ser Ser Asn Asp Met Ile Pro Met
1 5

<210> 5382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5382
Val Ser Leu His Pro Leu Ala Pro Met
1 5

<210> 5383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5383
Ser Ser Ser Ser Ser Ser Asn Asp Met
1 5

<210> 5384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5384
Ile Ser Ser Pro Pro Lys Ala Pro Leu
1 5

<210> 5385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5385
Ser Arg Ile Thr Ser Gly Gln Trp Met
1 5

<210> 5386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5386
Met Ala His Met Ala Leu Leu Pro Ser
1 5

<210> 5387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5387
Ala His Met Ala Leu Leu Pro Ser Gly
1 5

<210> 5388
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5388
Arg Cys Thr Ala Cys His Thr Ala Leu
1 5

<210> 5389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5389
Ser Asn Lys Leu Pro Ser Leu Pro Leu
1 5

<210> 5390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5390
Ser Lys Met Tyr Thr Thr Ser Met Ala
1 5

<210> 5391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5391
Phe His Ser Ser Leu Ala Glu Thr Val
1 5

<210> 5392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5392
Ser Ser Leu Ala Glu Thr Val Ser Leu
1 5

<210> 5393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5393
Ala Glu Thr Val Ser Leu His Pro Leu
1 5

<210> 5394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5394
Leu Pro Leu Pro Gln Leu Leu Leu Ser
1 5

<210> 5395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5395
Gly Gln Trp Met Ala His Met Ala Leu Leu
1 5 10

<210> 5396
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5396
Ala Met Pro Ile Leu Pro Leu Pro Gln Leu
1 5 10

<210> 5397
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5397
Leu Leu Leu Ser Ala Asp Gln Gln Ala Ala
1 5 10

<210> 5398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5398
Trp Met Ala His Met Ala Leu Leu Pro Ser
1 5 10

<210> 5399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5399
Lys Leu Pro Ser Leu Pro Leu Ser Lys Met
1 5 10

<210> 5400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5400
Gly Met Tyr Ser Pro Ser Arg Tyr Pro Arg
1 5 10

<210> 5401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5401
His Met Ala Leu Leu Pro Ser Gly Thr Lys
1 5 10

<210> 5402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5402
Cys Thr Ala Cys His Thr Ala Leu Gly Arg
1 5 10

<210> 5403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5403
Met Tyr Thr Thr Ser Met Ala Met Pro Ile
1 5 10

<210> 5404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5404
Ile Pro Met Ala Ile Ser Ser Pro Pro Lys
1 5 10

<210> 5405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5405
Arg Leu Gln Cys Ile Asn Ser Asn Ser Arg
1 5 10

<210> 5406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5406
Lys Gly Arg Cys Thr Ala Cys His Thr Ala
1 5 10

<210> 5407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5407
Ala Ser Asn Lys Leu Pro Ser Leu Pro Leu
1 5 10

<210> 5408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5408
Leu Ser Lys Met Tyr Thr Thr Ser Met Ala
1 5 10

<210> 5409
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5409
Thr Ser Met Ala Met Pro Ile Leu Pro Leu
1 5 10

<210> 5410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5410
Arg Thr Asn Phe His Ser Ser Leu Ala Glu
1 5 10

<210> 5411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5411
Ile Thr Ser Gly Gln Trp Met Ala His Met
1 5 10

<210> 5412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5412
Leu Leu Ala Ala Pro Ser Pro Ala Ser Arg
1 5 10

<210> 5413
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5413
Leu Ser Ala Asp Gln Gln Ala Ala Pro Arg
1 5 10

<210> 5414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5414
Ser Ser Asn Asp Met Ile Pro Met Ala Ile
1 5 10

<210> 5415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5415
Tyr Thr Thr Ser Met Ala Met Pro Ile Leu
1 5 10

<210> 5416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5416
Thr Val Ser Leu His Pro Leu Ala Pro Met
1 5 10

<210> 5417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5417
Tyr Pro Arg Ser Ser Ser Ser Ser Ser Ser
1 5 10

<210> 5418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5418
Ser Pro Pro Lys Ala Pro Leu Leu Ala Ala
1 5 10

<210> 5419
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5419
Ala Pro Leu Leu Ala Ala Pro Ser Pro Ala
1 5 10

<210> 5420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5420
Cys Pro Gln Pro Ser Pro Ser Leu Pro Ala
1 5 10

<210> 5421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5421

Ser Pro Ser Leu Pro Ala Ser Asn Lys Leu
1 5 10

<210> 5422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5422
Leu Pro Ala Ser Asn Lys Leu Pro Ser Leu
1 5 10

<210> 5423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5423
Met Pro Ile Leu Pro Leu Pro Gln Leu Leu
1 5 10

<210> 5424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5424
Ala Pro Arg Thr Asn Phe His Ser Ser Leu
1 5 10

<210> 5425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5425
Ser Lys Met Tyr Thr Thr Ser Met Ala Met
1 5 10

<210> 5426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5426
Leu Pro Ser Leu Pro Leu Ser Lys Met Tyr
1 5 10

<210> 5427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5427
Ser Ser Ser Ser Ser Ser Ser Asn Asp Met
1 5 10

<210> 5428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5428
Ser Ser Ser Ser Asn Asp Met Ile Pro Met
1 5 10

<210> 5429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5429
Ile Ser Ser Pro Pro Lys Ala Pro Leu Leu
1 5 10

<210> 5430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5430
Leu Ala Ala Pro Ser Pro Ala Ser Arg Leu
1 5 10

<210> 5431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5431
Leu Gln Cys Ile Asn Ser Asn Ser Arg Ile
1 5 10

<210> 5432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5432
Ser Gly Gln Trp Met Ala His Met Ala Leu
1 5 10

<210> 5433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5433
Gly Arg Cys Thr Ala Cys His Thr Ala Leu
1 5 10

<210> 5434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5434
Ser Ser Cys Pro Gln Pro Ser Pro Ser Leu
1 5 10

<210> 5435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5435
Lys Met Tyr Thr Thr Ser Met Ala Met Pro
1 5 10

<210> 5436
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5436
Asp Gln Gln Ala Ala Pro Arg Thr Asn Phe
1 5 10

<210> 5437
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5437
Gln Gln Ala Ala Pro Arg Thr Asn Phe His
1 5 10

<210> 5438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5438
His Ser Ser Leu Ala Glu Thr Val Ser Leu

1 5 10

<210> 5439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5439
Leu Ala Glu Thr Val Ser Leu His Pro Leu
1 5 10

<210> 5440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5440
Leu Pro Leu Pro Gln Leu Leu Leu Ser Ala
1 5 10

<210> 5441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5441
Ala Glu Thr Val Ser Leu His Pro Leu Ala
1 5 10

<210> 5442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5442
Arg Gln Ser Cys Cys Leu Pro Gly Leu
1 5

<210> 5443

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5443
Cys Leu Pro Gly Leu Thr His Pro Ala
1 5

<210> 5444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5444
Leu Ser Ile Ser Arg Pro Thr Ser Arg
1 5

<210> 5445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5445
Ile Ser Arg Pro Thr Ser Arg Ala Arg
1 5

<210> 5446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5446
Arg Ala Arg Gln Ser Cys Cys Leu Pro
1 5

<210> 5447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5447
Leu Thr His Pro Ala His Gln Pro Leu
1 5

<210> 5448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5448
Arg Pro Thr Ser Arg Ala Arg Gln Ser
1 5

<210> 5449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5449
Trp Arg Ile Gly Gly Gly Thr Pro Leu
1 5

<210> 5450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5450
Leu Pro Gly Leu Thr His Pro Ala His
1 5

<210> 5451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5451
Gly Leu Thr His Pro Ala His Gln Pro Leu
1 5 10

<210> 5452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5452
Leu Leu His Trp Arg Ile Gly Gly Gly Thr
1 5 10

<210> 5453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5453
Ser Ile Ser Arg Pro Thr Ser Arg Ala Arg
1 5 10

<210> 5454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5454
His Trp Arg Ile Gly Gly Gly Thr Pro Leu
1 5 10

<210> 5455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5455
Thr Ser Arg Ala Arg Gln Ser Cys Cys Leu
1 5 10

<210> 5456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5456
Arg Ala Arg Gln Ser Cys Cys Leu Pro Gly
1 5 10

<210> 5457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5457
Arg Pro Thr Ser Arg Ala Arg Gln Ser Cys
1 5 10

<210> 5458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5458
His Pro Ala His Gln Pro Leu Gly Ser Met
1 5 10

<210> 5459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5459
Arg Ile Gly Gly Gly Thr Pro Leu Ser Ile
1 5 10

<210> 5460
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5460
Ala Arg Gln Ser Cys Cys Leu Pro Gly Leu
1 5 10

<210> 5461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5461
Arg Gln Ser Cys Cys Leu Pro Gly Leu Thr
1 5 10

<210> 5462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5462
Ile Ala Leu Trp Cys Ala Ser Ser Val
1 5

<210> 5463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5463
Ala Leu Trp Cys Ala Ser Ser Val Thr
1 5

<210> 5464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5464
Trp Leu Arg Gly Thr Ala Trp Gln Leu
1 5

<210> 5465
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5465
Gly Thr Ala Trp Gln Leu Val Pro Leu
1 5

<210> 5466
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5466
Ile Leu Ala Thr Pro Pro Ser Ala Ala
1 5

<210> 5467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5467
Ala Trp Arg Ser Cys Ile Ala Leu Trp
1 5

<210> 5468
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5468
Arg Trp Leu Trp Tyr Cys Trp Pro Thr
1 5

<210> 5469
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5469
Trp Leu Trp Tyr Cys Trp Pro Thr Trp
1 5

<210> 5470
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5470
Leu Trp Tyr Cys Trp Pro Thr Trp Leu
1 5

<210> 5471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5471
Arg Thr Arg Cys Ala Gly Arg Trp Leu
1 5

<210> 5472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5472
Arg Ala Val Ser Ala Thr Ser Trp Ala
1 5

<210> 5473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5473
Arg Cys Ala Gly Arg Trp Leu Trp Tyr
1 5

<210> 5474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5474
Trp Tyr Cys Trp Pro Thr Trp Leu Arg
1 5

<210> 5475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5475
Gln Leu Val Pro Leu Gln Cys Arg Arg
1 5

<210> 5476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5476
Trp Pro Thr Trp Leu Arg Gly Thr Ala
1 5

<210> 5477
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5477
Val Pro Leu Gln Cys Arg Arg Ala Val
1 5

<210> 5478
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5478
Ser Ala Ala Trp Arg Ser Cys Ile Ala
1 5

<210> 5479
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5479
Leu Ala Thr Pro Pro Ser Ala Ala Trp
1 5

<210> 5480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5480
Ala Ala Trp Arg Ser Cys Ile Ala Leu
1 5

<210> 5481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5481
Leu Gln Cys Arg Arg Ala Val Ser Ala
1 5

<210> 5482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5482
Arg Arg Ala Val Ser Ala Thr Ser Trp
1 5

<210> 5483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5483
Cys Ile Ala Leu Trp Cys Ala Ser Ser Val
1 5 10

<210> 5484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5484
Trp Leu Trp Tyr Cys Trp Pro Thr Trp Leu
1 5 10

<210> 5485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5485

Trp Leu Arg Gly Thr Ala Trp Gln Leu Val
1 5 10

<210> 5486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5486
Cys Ala Gly Arg Trp Leu Trp Tyr Cys Trp
1 5 10

<210> 5487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5487
Arg Trp Leu Trp Tyr Cys Trp Pro Thr Trp
1 5 10

<210> 5488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5488
Thr Trp Leu Arg Gly Thr Ala Trp Gln Leu
1 5 10

<210> 5489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5489
Arg Thr Arg Cys Ala Gly Arg Trp Leu Trp
1 5 10

<210> 5490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5490
Leu Ala Thr Pro Pro Ser Ala Ala Trp Arg
1 5 10

<210> 5491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5491
Leu Trp Cys Ala Ser Ser Val Thr Glu Arg
1 5 10

<210> 5492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5492
Val Thr Glu Arg Thr Arg Cys Ala Gly Arg
1 5 10

<210> 5493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5493
Leu Trp Tyr Cys Trp Pro Thr Trp Leu Arg
1 5 10

<210> 5494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5494
Ser Ala Ala Trp Arg Ser Cys Ile Ala Leu
1 5 10

<210> 5495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5495
Trp Pro Thr Trp Leu Arg Gly Thr Ala Trp
1 5 10

<210> 5496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5496
Ile Leu Ala Thr Pro Pro Ser Ala Ala Trp
1 5 10

<210> 5497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5497
Ala Ala Trp Arg Ser Cys Ile Ala Leu Trp
1 5 10

<210> 5498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5498
Thr Glu Arg Thr Arg Cys Ala Gly Arg Trp
1 5 10

<210> 5499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5499
Arg Gly Thr Ala Trp Gln Leu Val Pro Leu
1 5 10

<210> 5500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5500
Leu Gln Cys Arg Arg Ala Val Ser Ala Thr
1 5 10

<210> 5501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5501
Cys Arg Arg Ala Val Ser Ala Thr Ser Trp
1 5 10

<210> 5502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5502
Arg Ala Val Ser Ala Thr Ser Trp Ala Ser

1 5 10

<210> 5503
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5503
Gln Gln Arg Arg Arg Pro Gly Arg Lys
1 5

<210> 5504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5504
Ala Val His Thr Leu His Ile Tyr Leu
1 5

<210> 5505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5505
Gly Ala Val His Thr Leu His Ile Tyr
1 5

<210> 5506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5506
Trp Ala Ser Gly Ala Val His Thr Leu
1 5

<210> 5507

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5507
Arg Pro Gly Trp Ala Ser Gly Ala Val
1 5

<210> 5508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5508
Asn Gln Arg Arg Pro Gly Trp Ala Ser
1 5

<210> 5509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5509
Ala Val His Thr Leu His Ile Tyr Leu Lys
1 5 10

<210> 5510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5510
Gly Trp Ala Ser Gly Ala Val His Thr Leu
1 5 10

<210> 5511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5511
Gln Gln Gln Arg Arg Arg Pro Gly Arg Lys
1 5 10

<210> 5512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5512
Ser Gly Ala Val His Thr Leu His Ile Tyr
1 5 10

<210> 5513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5513
Arg Gln Gln Gln Gln Arg Arg Arg Pro Gly
1 5 10

<210> 5514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5514
His Ile Lys Asp Gly Glu Lys Glu Lys
1 5

<210> 5515
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5515
Lys Leu Arg Met Lys Arg Asn His Leu
1 5

<210> 5516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5516
Arg Met Lys Arg Asn His Leu Val Glu
1 5

<210> 5517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5517
Leu Arg Met Lys Arg Asn His Leu Val
1 5

<210> 5518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5518
Lys Arg Asn His Leu Val Glu Pro Leu
1 5

<210> 5519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5519
Lys Leu Arg Met Lys Arg Asn His Leu Val
1 5 10

<210> 5520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5520
Arg Met Lys Arg Asn His Leu Val Glu Pro
1 5 10

<210> 5521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5521
Met Lys Arg Asn His Leu Val Glu Pro Leu
1 5 10

<210> 5522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5522
Lys Lys Leu Arg Met Lys Arg Asn His Leu
1 5 10

<210> 5523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5523
Arg Val Ala Gly Arg Arg Ala Leu Ser
1 5

<210> 5524
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5524
Met Arg Val Ala Gly Arg Arg Ala Leu
1 5

<210> 5525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5525
Arg Val Ala Gly Arg Arg Ala Leu Ser Arg
1 5 10

<210> 5526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5526
Ala Gly Arg Arg Ala Leu Ser Arg Gly Ala
1 5 10

<210> 5527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5527
Arg Arg Ala Leu Ser Arg Gly Ala Glu Leu
1 5 10

<210> 5528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5528
Gly Val Ser Cys Phe Val Leu Phe Leu
1 5

<210> 5529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5529
Ser Gly Val Ser Cys Phe Val Leu Phe
1 5

<210> 5530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5530
Val Leu Phe Leu Cys Leu Ala Asp Tyr
1 5

<210> 5531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5531
Leu Ser Gly Val Ser Cys Phe Val Leu
1 5

<210> 5532
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5532
Val Leu Ser Gly Val Ser Cys Phe Val Leu
1 5 10

<210> 5533
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5533
Val Leu Phe Leu Cys Leu Ala Asp Tyr Leu
1 5 10

<210> 5534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5534
Leu Ser Gly Val Ser Cys Phe Val Leu Phe
1 5 10

<210> 5535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5535
Phe Val Leu Phe Leu Cys Leu Ala Asp Tyr
1 5 10

<210> 5536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5536
Thr Thr Asn Glu Leu Cys Arg Leu Gly Ala
1 5 10

<210> 5537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5537
Lys Ile Thr Pro Leu Asn Glu Ala Ile
1 5

<210> 5538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5538
Ala Gly His Gly Thr Gly Ile Leu Lys
1 5

<210> 5539
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5539
Thr Gly Ile Leu Lys Ile Thr Pro Leu
1 5

<210> 5540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5540
Leu Lys Ile Thr Pro Leu Asn Glu Ala
1 5

<210> 5541
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5541
Ile Leu Lys Ile Thr Pro Leu Asn Glu Ala
1 5 10

<210> 5542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5542
Ala Ala Gly His Gly Thr Gly Ile Leu Lys
1 5 10

<210> 5543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5543
Leu Lys Ile Thr Pro Leu Asn Glu Ala Ile
1 5 10

<210> 5544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5544
Arg Gln Val Leu Gln Met Arg Glu Lys
1 5

<210> 5545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5545
Leu Gln Met Arg Glu Lys Ile Thr Thr
1 5

<210> 5546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5546
Ala Glu Cys His Arg Gln Val Leu Gln Met
1 5 10

<210> 5547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5547
Arg Gln Val Leu Gln Met Arg Glu Lys Ile
1 5 10

<210> 5548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5548
Leu Gln Met Arg Glu Lys Ile Thr Thr Asn
1 5 10

<210> 5549
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5549

Met Arg Glu Lys Ile Thr Thr Asn Cys Tyr
1 5 10

<210> 5550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5550
Trp Val His Gly Val Ser Leu Ser Ala
1 5

<210> 5551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5551
Ser Leu Ser Ala Ser Gly Ser Arg Leu
1 5

<210> 5552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5552
Gly Gly Trp Val His Gly Val Ser Leu
1 5

<210> 5553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5553
Ser Leu Ser Ala Ser Gly Ser Arg Leu Ala
1 5 10

<210> 5554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5554
Gly Val Ser Leu Ser Ala Ser Gly Ser Arg
1 5 10

<210> 5555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5555
Val Ser Leu Ser Ala Ser Gly Ser Arg Leu
1 5 10

<210> 5556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5556
Leu Ser Ala Ser Gly Ser Arg Leu Ala Trp
1 5 10

<210> 5557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5557
His Asn Leu Lys Pro Ala Met Thr Lys
1 5

<210> 5558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5558
Ser Asn His Asn Leu Lys Pro Ala Met
1 5

<210> 5559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5559
Ser Ser Asn His Asn Leu Lys Pro Ala Met
1 5 10

<210> 5560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5560
Ser Leu Ser Leu Gln Ile Asn Asn Leu
1 5

<210> 5561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5561
Met Gln Met Phe Pro Pro Ser Pro Leu
1 5

<210> 5562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5562
Arg Leu Glu His Thr Phe Val Phe Leu
1 5

<210> 5563
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5563
Phe Val Phe Leu Arg Asn Phe Ser Leu
1 5

<210> 5564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5564
Phe Leu Arg Asn Phe Ser Leu Met Leu
1 5

<210> 5565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5565
Leu Gln Ile Asn Asn Leu Met Gln Met
1 5

<210> 5566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5566
Leu Phe Phe Phe Leu Gln Leu Leu Lys

1 5

<210> 5567
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5567
Leu Met Leu Leu Arg Tyr Ile Gly Lys
1 5

<210> 5568
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5568
Met Leu Leu Arg Tyr Ile Gly Lys Lys
1 5

<210> 5569
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5569
Arg Asn Phe Ser Leu Met Leu Leu Arg
1 5

<210> 5570
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5570
Arg Ala Thr Arg Phe Trp Asp Pro Arg
1 5

<210> 5571

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5571
Arg Tyr Leu Val Pro Glu Gln Ser Leu
1 5

<210> 5572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5572
Gln Met Phe Pro Pro Ser Pro Leu Phe
1 5

<210> 5573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5573
Met Phe Pro Pro Ser Pro Leu Phe Phe
1 5

<210> 5574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5574
Arg Arg Leu Glu His Thr Phe Val Phe
1 5

<210> 5575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5575
Val Phe Leu Arg Asn Phe Ser Leu Met
1 5

<210> 5576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5576
His Ser Lys Leu Gly Lys Lys Ser Arg
1 5

<210> 5577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5577
Lys Leu Gly Lys Lys Ser Arg Tyr Leu
1 5

<210> 5578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5578
Leu Gly Lys Lys Ser Arg Tyr Leu Val
1 5

<210> 5579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5579
Lys Ser Arg Tyr Leu Val Pro Glu Gln
1 5

<210> 5580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5580
Lys Gln Ser Ser Arg Arg Leu Glu His
1 5

<210> 5581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5581
Ser Ser Arg Arg Leu Glu His Thr Phe
1 5

<210> 5582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5582
Arg Tyr Ile Gly Lys Lys Arg Arg Ala
1 5

<210> 5583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5583
Ile Gly Lys Lys Arg Arg Ala Thr Arg
1 5

<210> 5584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5584
Ala Thr Arg Phe Trp Asp Pro Arg Arg
1 5

<210> 5585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5585
Asn Phe Ser Leu Met Leu Leu Arg Tyr
1 5

<210> 5586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5586
Leu Leu Arg Tyr Ile Gly Lys Lys Arg
1 5

<210> 5587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5587
Ser Pro Leu Phe Phe Phe Leu Gln Leu
1 5

<210> 5588
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5588
Leu Leu Lys Gln Ser Ser Arg Arg Leu
1 5

<210> 5589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5589
Tyr Ile Gly Lys Lys Arg Arg Ala Thr
1 5

<210> 5590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5590
Gln Ile Asn Asn Leu Met Gln Met Phe
1 5

<210> 5591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5591
His Thr Phe Val Phe Leu Arg Asn Phe
1 5

<210> 5592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5592
Ser Lys Leu Gly Lys Lys Ser Arg Tyr
1 5

<210> 5593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5593
Leu Ser Leu Gln Ile Asn Asn Leu Met
1 5

<210> 5594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5594
Leu Arg Asn Phe Ser Leu Met Leu Leu
1 5

<210> 5595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5595
Gly Lys Lys Arg Arg Ala Thr Arg Phe
1 5

<210> 5596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5596
Lys Lys Arg Arg Ala Thr Arg Phe Trp
1 5

<210> 5597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5597
Phe Pro Pro Ser Pro Leu Phe Phe Phe
1 5

<210> 5598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5598
Pro Pro Ser Pro Leu Phe Phe Phe Leu
1 5

<210> 5599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5599
Lys Leu Gly Lys Lys Ser Arg Tyr Leu Val
1 5 10

<210> 5600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5600
Tyr Leu Val Pro Glu Gln Ser Leu Ser Leu
1 5 10

<210> 5601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5601
Leu Met Gln Met Phe Pro Pro Ser Pro Leu
1 5 10

<210> 5602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5602
Phe Val Phe Leu Arg Asn Phe Ser Leu Met
1 5 10

<210> 5603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5603
Phe Leu Arg Asn Phe Ser Leu Met Leu Leu
1 5 10

<210> 5604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5604
Ser Leu Ser Leu Gln Ile Asn Asn Leu Met
1 5 10

<210> 5605
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5605
Pro Leu Phe Phe Phe Leu Gln Leu Leu Lys
1 5 10

<210> 5606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5606
Arg Leu Glu His Thr Phe Val Phe Leu Arg
1 5 10

<210> 5607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5607
Ser Leu Met Leu Leu Arg Tyr Ile Gly Lys
1 5 10

<210> 5608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5608
Leu Met Leu Leu Arg Tyr Ile Gly Lys Lys
1 5 10

<210> 5609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5609
Leu Gln Ile Asn Asn Leu Met Gln Met Phe
1 5 10

<210> 5610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5610
Met Gln Met Phe Pro Pro Ser Pro Leu Phe
1 5 10

<210> 5611
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5611
Gln Met Phe Pro Pro Ser Pro Leu Phe Phe
1 5 10

<210> 5612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5612
Met Phe Pro Pro Ser Pro Leu Phe Phe Phe
1 5 10

<210> 5613
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5613

Arg Arg Leu Glu His Thr Phe Val Phe Leu
1 5 10

<210> 5614
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5614
Thr Phe Val Phe Leu Arg Asn Phe Ser Leu
1 5 10

<210> 5615
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5615
Val Phe Leu Arg Asn Phe Ser Leu Met Leu
1 5 10

<210> 5616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5616
Lys Ser Arg Tyr Leu Val Pro Glu Gln Ser
1 5 10

<210> 5617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5617
Ser Ser Arg Arg Leu Glu His Thr Phe Val
1 5 10

<210> 5618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5618
His Thr Phe Val Phe Leu Arg Asn Phe Ser
1 5 10

<210> 5619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5619
Arg Ala Thr Arg Phe Trp Asp Pro Arg Arg
1 5 10

<210> 5620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5620
Ala Thr Arg Phe Trp Asp Pro Arg Arg Gly
1 5 10

<210> 5621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5621
His Ser Lys Leu Gly Lys Lys Ser Arg Tyr
1 5 10

<210> 5622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5622
Arg Asn Phe Ser Leu Met Leu Leu Arg Tyr
1 5 10

<210> 5623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5623
Phe Leu Gln Leu Leu Lys Gln Ser Ser Arg
1 5 10

<210> 5624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5624
Met Leu Leu Arg Tyr Ile Gly Lys Lys Arg
1 5 10

<210> 5625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5625
Leu Leu Arg Tyr Ile Gly Lys Lys Arg Arg
1 5 10

<210> 5626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5626
Tyr Ile Gly Lys Lys Arg Arg Ala Thr Arg
1 5 10

<210> 5627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5627
Phe Pro Pro Ser Pro Leu Phe Phe Phe Leu
1 5 10

<210> 5628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5628
Ser Pro Leu Phe Phe Phe Leu Gln Leu Leu
1 5 10

<210> 5629
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5629
Ser Arg Tyr Leu Val Pro Glu Gln Ser Leu
1 5 10

<210> 5630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5630
Ser Leu Gln Ile Asn Asn Leu Met Gln Met

1 5 10

<210> 5631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5631
Leu Lys Gln Ser Ser Arg Arg Leu Glu His
1 5 10

<210> 5632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5632
Lys Gln Ser Ser Arg Arg Leu Glu His Thr
1 5 10

<210> 5633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5633
Gln Ser Ser Arg Arg Leu Glu His Thr Phe
1 5 10

<210> 5634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5634
Ser Arg Arg Leu Glu His Thr Phe Val Phe
1 5 10

<210> 5635

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5635
Val Pro Glu Gln Ser Leu Ser Leu Gln Ile
1 5 10

<210> 5636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5636
Arg Pro Pro Pro Arg Leu Gln Asp Arg Leu
1 5 10

<210> 5637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5637
Arg Ala Ser Ala Ser Ala Ala Ala Leu
1 5

<210> 5638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5638
Ala Ser Ala Ser Ala Ala Ala Leu Ala
1 5

<210> 5639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5639
Ser Ala Ser Ala Ala Ala Leu Ala Val
1 5

<210> 5640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5640
Cys Pro Arg Ala Ser Ala Ser Ala Ala
1 5

<210> 5641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5641
Ala Ser Ala Ala Ala Leu Ala Val Phe
1 5

<210> 5642
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5642
Ala Ala Ala Leu Ala Val Phe Ser Glu Val
1 5 10

<210> 5643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5643
Ser Thr Cys Pro Arg Ala Ser Ala Ser Ala
1 5 10

<210> 5644
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5644
Arg Ala Ser Ala Ser Ala Ala Ala Leu Ala
1 5 10

<210> 5645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5645
Ala Ser Ala Ser Ala Ala Ala Leu Ala Val
1 5 10

<210> 5646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5646
Cys Pro Arg Ala Ser Ala Ser Ala Ala Ala
1 5 10

<210> 5647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5647
Ser Ala Ser Ala Ala Ala Leu Ala Val Phe
1 5 10

<210> 5648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5648
Met Gly Gly Val Gly Cys Leu Phe Phe
1 5

<210> 5649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5649
Ser Ala Arg Ala Val Thr Gly Met Gly
1 5

<210> 5650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5650
Gly Met Gly Gly Val Gly Cys Leu Phe
1 5

<210> 5651
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5651
Gly Met Gly Gly Val Gly Cys Leu Phe Phe
1 5 10

<210> 5652
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5652
Ser Ala Arg Ala Val Thr Gly Met Gly Gly
1 5 10

<210> 5653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5653
Thr Gly Met Gly Gly Val Gly Cys Leu Phe
1 5 10

<210> 5654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5654
Thr Gly Met Gly Cys Leu Phe Phe Ile
1 5

<210> 5655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5655
Val Thr Gly Met Gly Cys Leu Phe Phe
1 5

<210> 5656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5656
Ser Ala Arg Ala Val Thr Gly Met Gly
1 5

<210> 5657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5657
Ala Val Thr Gly Met Gly Cys Leu Phe
1 5

<210> 5658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5658
Gly Met Gly Cys Leu Phe Phe Ile Ser Trp
1 5 10

<210> 5659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5659
Met Gly Cys Leu Phe Phe Ile Ser Trp Tyr
1 5 10

<210> 5660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5660
Arg Ala Val Thr Gly Met Gly Cys Leu Phe
1 5 10

<210> 5661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5661
Ala Val Thr Gly Met Gly Cys Leu Phe Phe
1 5 10

<210> 5662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5662
Gln Gln Ala Gly Tyr Ile Thr Gly Ile
1 5

<210> 5663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5663
Glu Val Leu Gln Gln Ala Gly Tyr Ile
1 5

<210> 5664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5664
Leu Gln Gln Ala Gly Tyr Ile Thr Gly
1 5

<210> 5665
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5665
Leu Gln Gln Ala Gly Tyr Ile Thr Gly Ile
1 5 10

<210> 5666
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5666
Gln Gln Ala Gly Tyr Ile Thr Gly Ile Ile
1 5 10

<210> 5667
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5667
Ala Gly Tyr Ile Thr Gly Ile Ile Gly Lys
1 5 10

<210> 5668
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5668
Gly Tyr Ile Thr Gly Ile Ile Gly Lys Trp
1 5 10

<210> 5669
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5669
Ala Glu Val Leu Gln Gln Ala Gly Tyr Ile
1 5 10

<210> 5670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5670
Leu Ile Pro Pro Leu Arg Pro Ser Lys
1 5

<210> 5671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5671
Glu Glu Glu Val Leu Ile Pro Pro Leu
1 5

<210> 5672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5672
Val Leu Ile Pro Pro Leu Arg Pro Ser Lys
1 5 10

<210> 5673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5673
Gly Glu Glu Glu Val Leu Ile Pro Pro Leu
1 5 10

<210> 5674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5674
Ala Leu Asn Ala Ala Cys Ala Gly Ala
1 5

<210> 5675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5675
Glu Thr Ala Leu Asn Ala Ala Cys Ala
1 5

<210> 5676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5676
Ser Gln Gly Glu Thr Ala Leu Asn Ala
1 5

<210> 5677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5677

Gly Glu Thr Ala Leu Asn Ala Ala Cys
1 5

<210> 5678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5678
Ser Gln Gly Glu Thr Ala Leu Asn Ala Ala
1 5 10

<210> 5679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5679
Gly Glu Thr Ala Leu Asn Ala Ala Cys Ala
1 5 10

<210> 5680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5680
Tyr Leu Thr Ile Gly Met Leu Val Leu
1 5

<210> 5681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5681
Phe Gln Asn Pro Lys Lys Leu Tyr Leu
1 5

<210> 5682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5682
Lys Leu Tyr Leu Thr Ile Gly Met Leu
1 5

<210> 5683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5683
Leu Tyr Leu Thr Ile Gly Met Leu Val
1 5

<210> 5684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5684
Ile Phe Gln Asn Pro Lys Lys Leu Tyr
1 5

<210> 5685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5685
Asn Pro Lys Lys Leu Tyr Leu Thr Ile
1 5

<210> 5686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5686
Lys Lys Leu Tyr Leu Thr Ile Gly Met
1 5

<210> 5687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5687
Lys Leu Tyr Leu Thr Ile Gly Met Leu Val
1 5 10

<210> 5688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5688
Tyr Leu Thr Ile Gly Met Leu Val Leu Leu
1 5 10

<210> 5689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5689
Ile Phe Gln Asn Pro Lys Lys Leu Tyr Leu
1 5 10

<210> 5690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5690
Leu Tyr Leu Thr Ile Gly Met Leu Val Leu
1 5 10

<210> 5691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5691
Ser Ile Phe Gln Asn Pro Lys Lys Leu Tyr
1 5 10

<210> 5692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5692
Lys Lys Leu Tyr Leu Thr Ile Gly Met Leu
1 5 10

<210> 5693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5693
Leu Leu Gln Glu Lys Arg Phe Leu Leu
1 5

<210> 5694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5694
Phe Leu Leu Asp Tyr Asp Ala Leu Phe

1 5

<210> 5695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5695
Arg Phe Leu Leu Asp Tyr Asp Ala Leu
1 5

<210> 5696
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5696
Gln Glu Lys Arg Phe Leu Leu Asp Tyr
1 5

<210> 5697
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5697
Leu Asp Tyr Asp Ala Leu Phe Pro Val
1 5

<210> 5698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5698
Ser Leu Leu Gln Glu Lys Arg Phe Leu Leu
1 5 10

<210> 5699

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5699
Phe Leu Leu Asp Tyr Asp Ala Leu Phe Pro
1 5 10

<210> 5700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5700
Leu Leu Asp Tyr Asp Ala Leu Phe Pro Val
1 5 10

<210> 5701
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5701
Arg Phe Leu Leu Asp Tyr Asp Ala Leu Phe
1 5 10

<210> 5702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5702
Leu Gln Glu Lys Arg Phe Leu Leu Asp Tyr
1 5 10

<210> 5703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5703
Lys Arg Phe Leu Leu Asp Tyr Asp Ala Leu
1 5 10

<210> 5704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5704
Leu Asp Tyr Asp Ala Leu Phe Pro Val Ala
1 5 10

<210> 5705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5705
Thr Val Leu Gln Val Thr Leu Ser Ile
1 5

<210> 5706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5706
Val Leu Gln Val Thr Leu Ser Ile Tyr
1 5

<210> 5707
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5707
Leu Gln Val Thr Leu Ser Ile Tyr Ala
1 5

<210> 5708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5708
Val Leu Gln Val Thr Leu Ser Ile Tyr Ala
1 5 10

<210> 5709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5709
Ile Thr Arg Thr Val Leu Gln Val Thr Leu
1 5 10

<210> 5710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5710
Arg Thr Val Leu Gln Val Thr Leu Ser Ile
1 5 10

<210> 5711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5711
Thr Val Leu Gln Val Thr Leu Ser Ile Tyr
1 5 10

<210> 5712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5712
Gln Pro Ile Thr Arg Thr Val Leu Gln Val
1 5 10

<210> 5713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5713
Ala Thr Asn Gln Ile Ile Ser His Phe
1 5

<210> 5714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5714
Thr Ala Ala Cys Asn Ala Thr Asn Gln Ile
1 5 10

<210> 5715
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5715
Asn Ala Thr Asn Gln Ile Ile Ser His Phe
1 5 10

<210> 5716
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5716
Arg Ala Gly Ser Gly Arg Ala Ala Ala
1 5

<210> 5717
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5717
Ser Thr Cys Pro Cys Arg Trp Thr Ala
1 5

<210> 5718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5718
Trp Thr Ala Pro Ser Ser Pro Pro Ser
1 5

<210> 5719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5719
Thr Pro Arg Ala Gly Ser Gly Arg Ala
1 5

<210> 5720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5720
Ala Pro Ser Ser Pro Pro Ser Ser Ala
1 5

<210> 5721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5721
Asp Pro Ser Gly Ser Pro Cys Val Trp
1 5

<210> 5722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5722
Arg Ala Gly Ser Gly Arg Ala Ala Ala Ala
1 5 10

<210> 5723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5723
Arg Trp Thr Ala Pro Ser Ser Pro Pro Ser
1 5 10

<210> 5724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5724
Ser Gly Ser Pro Cys Val Trp Thr Pro Arg
1 5 10

<210> 5725
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5725
Thr Pro Arg Ala Gly Ser Gly Arg Ala Ala
1 5 10

<210> 5726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5726
Glu Leu Ala Leu Gln Gly Pro Gly Val
1 5

<210> 5727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5727
Gly Glu Leu Ala Leu Gln Gly Pro Gly
1 5

<210> 5728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5728
Gln Pro Gly Gly Gly Arg Gly Gly Glu Leu
1 5 10

<210> 5729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5729
Gly Glu Leu Ala Leu Gln Gly Pro Gly Val
1 5 10

<210> 5730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5730
Ser Ala Thr Val Thr Ala Phe Trp Arg
1 5

<210> 5731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5731
Thr Ala Phe Trp Arg Ser Leu Leu Ala
1 5

<210> 5732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5732
Arg Ser Leu Leu Ala Cys Cys Gln Leu
1 5

<210> 5733
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5733
Thr Val Thr Ala Phe Trp Arg Ser Leu
1 5

<210> 5734
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5734
Val Thr Ala Phe Trp Arg Ser Leu Leu
1 5

<210> 5735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5735
Gly Ser Ala Thr Val Thr Ala Phe Trp Arg
1 5 10

<210> 5736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5736
Ala Thr Val Thr Ala Phe Trp Arg Ser Leu
1 5 10

<210> 5737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5737
Thr Val Thr Ala Phe Trp Arg Ser Leu Leu
1 5 10

<210> 5738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5738
Val Thr Ala Phe Trp Arg Ser Leu Leu Ala
1 5 10

<210> 5739
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5739
Trp Arg Ser Leu Leu Ala Cys Cys Gln Leu
1 5 10

<210> 5740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5740
Ala Thr Cys Leu Pro Leu Phe Val Arg
1 5

<210> 5741
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5741

His Gly Ala Thr Cys Leu Pro Leu Phe
1 5

<210> 5742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5742
Phe Val Arg Arg Ser Thr Thr Tyr Ser
1 5

<210> 5743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5743
Leu Phe Val Arg Arg Ser Thr Thr Tyr
1 5

<210> 5744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5744
Thr Cys Leu Pro Leu Phe Val Arg Arg
1 5

<210> 5745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5745
Leu Pro Leu Phe Val Arg Arg Ser Thr
1 5

<210> 5746
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5746
Ala Thr Cys Leu Pro Leu Phe Val Arg Arg
1 5 10

<210> 5747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5747
Leu Pro Leu Phe Val Arg Arg Ser Thr Thr
1 5 10

<210> 5748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5748
Pro Leu Phe Val Arg Arg Ser Thr Thr Tyr
1 5 10

<210> 5749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5749
Cys His Gly Ala Thr Cys Leu Pro Leu Phe
1 5 10

<210> 5750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5750
Asp Val Ser Ala Ile His Glu Leu Tyr
1 5

<210> 5751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5751
Ser His Phe Phe His Leu Ile Cys Phe
1 5

<210> 5752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5752
Cys Phe Gln Cys Val His Leu Asp Val
1 5

<210> 5753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5753
Arg Ser His Phe Phe His Leu Ile Cys
1 5

<210> 5754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5754
Glu Pro Arg Ser His Phe Phe His Leu
1 5

<210> 5755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5755
His Leu Ile Cys Phe Gln Cys Val His
1 5

<210> 5756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5756
Leu Asp Val Ser Ala Ile His Glu Leu
1 5

<210> 5757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5757
His Leu Ile Cys Phe Gln Cys Val His Leu
1 5 10

<210> 5758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5758
His Leu Asp Val Ser Ala Ile His Glu Leu

1 5 10

<210> 5759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5759
Ala Ile His Glu Leu Tyr Ile Ala Gln Ile
1 5 10

<210> 5760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5760
Arg Ser His Phe Phe His Leu Ile Cys Phe
1 5 10

<210> 5761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5761
Asp Val Ser Ala Ile His Glu Leu Tyr Ile
1 5 10

<210> 5762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5762
Glu Pro Arg Ser His Phe Phe His Leu Ile
1 5 10

<210> 5763

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5763
Arg Glu Pro Arg Ser His Phe Phe His Leu
1 5 10

<210> 5764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5764
Phe Gln Cys Val His Leu Asp Val Ser Ala
1 5 10

<210> 5765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5765
Leu Asp Val Ser Ala Ile His Glu Leu Tyr
1 5 10

<210> 5766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5766
Leu Ile Ala Leu Leu Leu Leu Leu Val
1 5

<210> 5767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5767
Ala Leu Leu Leu Leu Leu Val Phe Thr
1 5

<210> 5768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5768
Ile Ala Leu Leu Leu Leu Leu Val Phe
1 5

<210> 5769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5769
Gly Leu Ile Ala Leu Leu Leu Leu Leu Val
1 5 10

<210> 5770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5770
Ala Leu Leu Leu Leu Leu Val Phe Thr Val
1 5 10

<210> 5771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5771
Leu Ile Ala Leu Leu Leu Leu Leu Val Phe
1 5 10

<210> 5772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5772
Arg Val Arg Arg Gln Asn Leu Leu Leu
1 5

<210> 5773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5773
Leu Leu Val Val Pro Pro Ser Gln Phe
1 5

<210> 5774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5774
Arg Arg Gln Asn Leu Leu Leu Val Val
1 5

<210> 5775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5775
Arg Gln Asn Leu Leu Leu Val Val Pro
1 5

<210> 5776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5776
Arg Val Arg Arg Gln Asn Leu Leu Leu Val
1 5 10

<210> 5777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5777
Leu Leu Leu Val Val Pro Pro Ser Gln Phe
1 5 10

<210> 5778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5778
Leu Val Val Pro Pro Ser Gln Phe Asn Phe
1 5 10

<210> 5779
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5779
Arg Gln Asn Leu Leu Leu Val Val Pro Pro
1 5 10

<210> 5780
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5780
Glu Met Ser Phe His Leu Leu Asn Tyr
1 5

<210> 5781
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5781
Tyr Leu His His Trp Asn Tyr Leu Ser
1 5

<210> 5782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5782
Ile Ile Arg Glu Met Ser Phe His Leu
1 5

<210> 5783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5783
Tyr Leu Ser Phe Leu Lys Gly Gln Ile
1 5

<210> 5784
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5784
Leu Leu Asn Tyr Arg Thr Ser Asn Ile
1 5

<210> 5785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5785
His Ile Ser Lys Gly Val His Arg Val
1 5

<210> 5786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5786
Met Ser Phe His Leu Leu Asn Tyr Arg
1 5

<210> 5787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5787
Ala Leu Glu Ile Lys His Ile Ser Lys
1 5

<210> 5788
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5788
His Trp Asn Tyr Leu Ser Phe Leu Lys
1 5

<210> 5789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5789
Gln Trp Ile Arg Leu His Phe Gln Lys
1 5

<210> 5790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5790
Cys Tyr Leu His His Trp Asn Tyr Leu
1 5

<210> 5791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5791
Leu His His Trp Asn Tyr Leu Ser Phe
1 5

<210> 5792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5792
Ser His Gln Trp Ile Arg Leu His Phe
1 5

<210> 5793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5793
Trp Ile Arg Leu His Phe Gln Lys Ala
1 5

<210> 5794
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5794
Lys Cys Tyr Leu His His Trp Asn Tyr
1 5

<210> 5795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5795
Arg Thr Ser Asn Ile Ser His Gln Trp
1 5

<210> 5796
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5796
Ser Phe Leu Lys Gly Gln Ile Ile Arg
1 5

<210> 5797
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5797
Ser Asn Ile Ser His Gln Trp Ile Arg
1 5

<210> 5798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5798
Glu Ile Lys His Ile Ser Lys Gly Val
1 5

<210> 5799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5799
Gly Gln Ile Ile Arg Glu Met Ser Phe
1 5

<210> 5800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5800
Leu Gln Arg Thr Glu Lys Lys Cys Tyr
1 5

<210> 5801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5801
His His Trp Asn Tyr Leu Ser Phe Leu
1 5

<210> 5802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5802
Leu Ser Phe Leu Lys Gly Gln Ile Ile
1 5

<210> 5803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5803
Leu Lys Gly Gln Ile Ile Arg Glu Met
1 5

<210> 5804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5804
Arg Glu Met Ser Phe His Leu Leu Asn
1 5

<210> 5805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5805

Ile Arg Leu His Phe Gln Lys Ala Leu
1 5

<210> 5806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5806
Leu His Phe Gln Lys Ala Leu Glu Ile
1 5

<210> 5807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5807
Phe Gln Lys Ala Leu Glu Ile Lys His
1 5

<210> 5808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5808
Tyr Leu His His Trp Asn Tyr Leu Ser Phe
1 5 10

<210> 5809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5809
His Leu Leu Asn Tyr Arg Thr Ser Asn Ile
1 5 10

<210> 5810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5810
Tyr Leu Ser Phe Leu Lys Gly Gln Ile Ile
1 5 10

<210> 5811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5811
Phe Leu Lys Gly Gln Ile Ile Arg Glu Met
1 5 10

<210> 5812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5812
Gln Ile Ile Arg Glu Met Ser Phe His Leu
1 5 10

<210> 5813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5813
Ile Ile Arg Glu Met Ser Phe His Leu Leu
1 5 10

<210> 5814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5814
Arg Leu His Phe Gln Lys Ala Leu Glu Ile
1 5 10

<210> 5815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5815
His Gln Trp Ile Arg Leu His Phe Gln Lys
1 5 10

<210> 5816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5816
Lys Ala Leu Glu Ile Lys His Ile Ser Lys
1 5 10

<210> 5817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5817
His His Trp Asn Tyr Leu Ser Phe Leu Lys
1 5 10

<210> 5818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5818
Leu Ser Phe Leu Lys Gly Gln Ile Ile Arg
1 5 10

<210> 5819
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5819
Cys Tyr Leu His His Trp Asn Tyr Leu Ser
1 5 10

<210> 5820
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5820
Asn Tyr Leu Ser Phe Leu Lys Gly Gln Ile
1 5 10

<210> 5821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5821
Ile Ser His Gln Trp Ile Arg Leu His Phe
1 5 10

<210> 5822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5822
Lys Cys Tyr Leu His His Trp Asn Tyr Leu

1 5 10

<210> 5823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5823
Arg Thr Ser Asn Ile Ser His Gln Trp Ile
1 5 10

<210> 5824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5824
Lys Lys Cys Tyr Leu His His Trp Asn Tyr
1 5 10

<210> 5825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5825
Arg Glu Met Ser Phe His Leu Leu Asn Tyr
1 5 10

<210> 5826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5826
Glu Met Ser Phe His Leu Leu Asn Tyr Arg
1 5 10

<210> 5827

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5827
Thr Ser Asn Ile Ser His Gln Trp Ile Arg
1 5 10

<210> 5828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5828
Met Ser Phe His Leu Leu Asn Tyr Arg Thr
1 5 10

<210> 5829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5829
Trp Ile Arg Leu His Phe Gln Lys Ala Leu
1 5 10

<210> 5830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5830
Leu Gln Arg Thr Glu Lys Lys Cys Tyr Leu
1 5 10

<210> 5831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5831
Leu His His Trp Asn Tyr Leu Ser Phe Leu
1 5 10

<210> 5832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5832
Lys Gly Gln Ile Ile Arg Glu Met Ser Phe
1 5 10

<210> 5833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5833
Leu Asn Tyr Arg Thr Ser Asn Ile Ser His
1 5 10

<210> 5834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5834
Tyr Arg Thr Ser Asn Ile Ser His Gln Trp
1 5 10

<210> 5835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5835
Phe Gln Lys Ala Leu Glu Ile Lys His Ile
1 5 10

<210> 5836
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5836
Leu Glu Ile Lys His Ile Ser Lys Gly Val
1 5 10

<210> 5837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5837
Lys His Ile Ser Lys Gly Val His Arg Val
1 5 10

<210> 5838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5838
Thr Glu Lys Lys Cys Tyr Leu His His Trp
1 5 10

<210> 5839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5839
Ala Ile Asn Arg Ser Ile Gln Cys Lys
1 5

<210> 5840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5840
Arg Ser Ile Gln Cys Lys Val Ile Val
1 5

<210> 5841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5841
Ala Ile Asn Arg Ser Ile Gln Cys Lys Val
1 5 10

<210> 5842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5842
Ala Ala Ile Asn Arg Ser Ile Gln Cys Lys
1 5 10

<210> 5843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5843
Tyr Ile Gly Glu Ser Glu Asn Ser Glu Ile
1 5 10

<210> 5844
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5844
Lys Ile Ala Phe Gly Phe Phe Leu Arg
1 5

<210> 5845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5845
Ala Phe Gly Phe Phe Leu Arg Leu Leu
1 5

<210> 5846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5846
Ser Pro Asn Lys Ile Ala Phe Gly Phe
1 5

<210> 5847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5847
Lys Lys Ser Pro Asn Lys Ile Ala Phe
1 5

<210> 5848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5848
Asn Lys Ile Ala Phe Gly Phe Phe Leu
1 5

<210> 5849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5849
Ile Ala Phe Gly Phe Phe Leu Arg Leu
1 5

<210> 5850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5850
Lys Ile Ala Phe Gly Phe Phe Leu Arg Leu
1 5 10

<210> 5851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5851
Lys Ser Pro Asn Lys Ile Ala Phe Gly Phe
1 5 10

<210> 5852
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5852
Asn Lys Ile Ala Phe Gly Phe Phe Leu Arg
1 5 10

<210> 5853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5853
Ser Pro Asn Lys Ile Ala Phe Gly Phe Phe
1 5 10

<210> 5854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5854
Thr Lys Lys Ser Pro Asn Lys Ile Ala Phe
1 5 10

<210> 5855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5855
Ile Ala Phe Gly Phe Phe Leu Arg Leu Leu
1 5 10

<210> 5856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5856
Tyr Leu Val Cys Phe Ile Thr Pro Val
1 5

<210> 5857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5857
Leu Val Cys Phe Ile Thr Pro Val Val
1 5

<210> 5858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5858
Phe Ile Thr Pro Val Val Ala Leu Leu
1 5

<210> 5859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5859
Cys Phe Ile Thr Pro Val Val Ala Leu
1 5

<210> 5860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5860
Tyr Leu Val Cys Phe Ile Thr Pro Val Val
1 5 10

<210> 5861
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5861
Phe Tyr Leu Val Cys Phe Ile Thr Pro Val
1 5 10

<210> 5862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5862
Cys Phe Ile Thr Pro Val Val Ala Leu Leu
1 5 10

<210> 5863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5863
Ile Thr Pro Val Val Ala Leu Leu Pro Arg
1 5 10

<210> 5864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5864
Asn Pro Thr Phe Tyr Leu Val Cys Phe Ile
1 5 10

<210> 5865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5865
Ser Gly Pro Arg Tyr Lys His Ser Lys
1 5

<210> 5866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5866
Arg Tyr Lys His Ser Lys Leu Glu Arg
1 5

<210> 5867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5867
Gly Pro Arg Tyr Lys His Ser Lys Leu
1 5

<210> 5868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5868
Asn Ser Gly Pro Arg Tyr Lys His Ser Lys
1 5 10

<210> 5869
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5869

Ile Met Asn Arg Lys Pro Cys His Lys
1 5

<210> 5870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5870
Met Asn Arg Lys Pro Cys His Lys Asn Lys
1 5 10

<210> 5871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5871
Asp Ile Met Asn Arg Lys Pro Cys His Lys
1 5 10

<210> 5872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5872
Cys Val Asn Asp Ala Pro Ala Leu Lys
1 5

<210> 5873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5873
Ile Thr Ala Met Thr Gly Asp Cys Val
1 5

<210> 5874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5874
Ala Met Thr Gly Asp Cys Val Asn Asp Ala
1 5 10

<210> 5875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5875
Cys Val Asn Asp Ala Pro Ala Leu Lys Lys
1 5 10

<210> 5876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5876
Glu Ile Thr Ala Met Thr Gly Asp Cys Val
1 5 10

<210> 5877
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5877
His Gln Trp Leu Ala Leu Leu Pro Leu
1 5

<210> 5878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5878
Gly Ser Ser Cys Leu Val Val Pro Val
1 5

<210> 5879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5879
Arg Gly Leu Cys Gly Cys Ser His Arg
1 5

<210> 5880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5880
Ala Leu Leu Pro Leu His Gly Asn Arg
1 5

<210> 5881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5881
Ser Ser Cys Leu Val Val Pro Val Arg
1 5

<210> 5882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5882
Ala Pro His Gln Trp Leu Ala Leu Leu
1 5

<210> 5883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5883
Leu Pro Leu His Gly Asn Arg Gly Leu
1 5

<210> 5884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5884
Cys Ser His Arg Gly Ser Ser Cys Leu
1 5

<210> 5885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5885
Glu Pro Gln Gly Ala Pro His Gln Trp
1 5

<210> 5886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5886
Leu Leu Pro Leu His Gly Asn Arg Gly Leu

1 5 10

<210> 5887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5887
Gly Ser Ser Cys Leu Val Val Pro Val Arg
1 5 10

<210> 5888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5888
Cys Ser His Arg Gly Ser Ser Cys Leu Val
1 5 10

<210> 5889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5889
Leu Ala Leu Leu Pro Leu His Gly Asn Arg
1 5 10

<210> 5890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5890
His Gln Trp Leu Ala Leu Leu Pro Leu His
1 5 10

<210> 5891

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5891
Ser His Arg Gly Ser Ser Cys Leu Val Val
1 5 10

<210> 5892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5892
Arg Gly Ser Ser Cys Leu Val Val Pro Val
1 5 10

<210> 5893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5893
Lys Gln Phe Arg Gly Leu Gln Cys His
1 5

<210> 5894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5894
Cys His Ile Glu Gln Glu Gln Lys Phe
1 5

<210> 5895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5895
Lys Gln Phe Arg Gly Leu Gln Cys His Ile
1 5 10

<210> 5896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5896
Ile Met Ser Ala Ile Lys Glu Gly Lys
1 5

<210> 5897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5897
Ala Ile Lys Glu Gly Lys Gly Ile Tyr
1 5

<210> 5898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5898
Thr Ile Met Ser Ala Ile Lys Glu Gly Lys
1 5 10

<210> 5899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5899
Ser Ala Ile Lys Glu Gly Lys Gly Ile Tyr
1   5   10

<210> 5900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5900
Asp Phe Gln Thr Ile Met Ser Ala Ile Lys
1   5   10

<210> 5901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5901
Lys Glu Gly Lys Gly Ile Tyr Asn Asn Ile
1   5   10

<210> 5902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5902
Ser Leu Phe Ser Gln Glu Thr Pro Val
1   5

<210> 5903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 5903
Phe Ser Gln Glu Thr Pro Val Val Leu
1   5

<210> 5904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5904
Gln Glu Thr Pro Val Val Leu Gln Leu
1 5

<210> 5905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5905
Ser Leu Phe Ser Gln Glu Thr Pro Val Val
1 5 10

<210> 5906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5906
His Ser Leu Phe Ser Gln Glu Thr Pro Val
1 5 10

<210> 5907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5907
Leu Phe Ser Gln Glu Thr Pro Val Val Leu
1 5 10

<210> 5908
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5908
Ser Gln Glu Thr Pro Val Val Leu Gln Leu
1 5 10

<210> 5909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5909
Gln Glu Thr Pro Val Val Leu Gln Leu Ala
1 5 10

<210> 5910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5910
Ser Phe Glu Arg Leu Leu Trp Gln Ile
1 5

<210> 5911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5911
Trp Gln Ile Cys Arg Gly Asn Val Tyr
1 5

<210> 5912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5912
Phe Glu Arg Leu Leu Trp Gln Ile Cys
1 5

<210> 5913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5913
Leu Leu Trp Gln Ile Cys Arg Gly Asn Val
1 5 10

<210> 5914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5914
Trp Gln Ile Cys Arg Gly Asn Val Tyr Leu
1 5 10

<210> 5915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5915
Gln Ile Cys Arg Gly Asn Val Tyr Leu Lys
1 5 10

<210> 5916
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5916
Leu Trp Gln Ile Cys Arg Gly Asn Val Tyr
1 5 10

<210> 5917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5917
Ala Ser Phe Glu Arg Leu Leu Trp Gln Ile
1 5 10

<210> 5918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5918
Val Leu Asp Ala Pro Phe Pro Cys Val
1 5

<210> 5919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5919
Gly Gln Arg Val Leu Asp Ala Pro Phe
1 5

<210> 5920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5920
Arg Val Leu Asp Ala Pro Phe Pro Cys Val
1 5 10

<210> 5921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5921
Thr Gly Gln Arg Val Leu Asp Ala Pro Phe
1 5 10

<210> 5922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5922
Ile Tyr Pro Pro Ser Thr Cys Ser Leu
1 5

<210> 5923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5923
Arg Gln Ile Tyr Pro Pro Ser Thr Cys
1 5

<210> 5924
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5924
Gln Ile Tyr Pro Pro Ser Thr Cys Ser Leu
1 5 10

<210> 5925
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5925
Arg Gln Ile Tyr Pro Pro Ser Thr Cys Ser
1 5 10

<210> 5926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5926
Lys Glu Arg Glu Arg Val Arg Ala Arg
1 5

<210> 5927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5927
Arg Glu Arg Val Arg Ala Arg Val Arg
1 5

<210> 5928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5928
Arg Val Arg Ala Arg Val Arg Ala Pro
1 5

<210> 5929
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5929
Arg Ala Arg Val Arg Ala Pro Cys Cys
1 5

<210> 5930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5930
Arg Val Arg Ala Pro Cys Cys Ala Gly
1 5

<210> 5931
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5931
Arg Ala Pro Cys Cys Ala Gly Ser Arg
1 5

<210> 5932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5932
Arg Val Arg Ala Arg Val Arg Ala Pro Cys
1 5 10

<210> 5933
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5933

Arg Ala Arg Val Arg Ala Pro Cys Cys Ala
1 5 10

<210> 5934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5934
Arg Val Arg Ala Pro Cys Cys Ala Gly Ser
1 5 10

<210> 5935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5935
Lys Glu Arg Glu Arg Val Arg Ala Arg Val
1 5 10

<210> 5936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5936
Arg Glu Arg Val Arg Ala Arg Val Arg Ala
1 5 10

<210> 5937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5937
His Ser Asn Cys Cys Asp Gly Gly Tyr
1 5

<210> 5938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5938
Phe Gln Ser Leu Tyr His Ser Ser Val
1 5

<210> 5939
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5939
Ser Leu Tyr His Ser Ser Val Tyr Cys
1 5

<210> 5940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5940
Leu Tyr His Ser Ser Val Tyr Cys Met
1 5

<210> 5941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5941
Ile Ile Arg Phe Ala Phe Gln Ser Leu
1 5

<210> 5942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5942
Arg Phe Ala Phe Gln Ser Leu Tyr His
1 5

<210> 5943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5943
Gly Gly Tyr Arg Ser Arg Cys Ser Lys
1 5

<210> 5944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5944
Arg Ser Arg Cys Ser Lys Trp His Thr
1 5

<210> 5945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5945
Arg Cys Ser Lys Trp His Thr Asn Lys
1 5

<210> 5946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 5946
Cys Ser Lys Trp His Thr Asn Lys Arg
1 5

<210> 5947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5947
Lys Trp His Thr Asn Lys Arg Trp Arg
1 5

<210> 5948
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5948
His Thr Asn Lys Arg Trp Arg Ala Ile
1 5

<210> 5949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5949
Arg Trp Arg Ala Ile Gly Asp Gly Ser
1 5

<210> 5950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5950
Ile Arg Phe Ala Phe Gln Ser Leu Tyr

1 5

<210> 5951
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5951
Gln Ser Leu Tyr His Ser Ser Val Tyr
1 5

<210> 5952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5952
Ser Ser Val Tyr Cys Met Ser Leu Phe
1 5

<210> 5953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5953
Phe Ala Phe Gln Ser Leu Tyr His Ser
1 5

<210> 5954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5954
His Ser Ser Val Tyr Cys Met Ser Leu
1 5

<210> 5955

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5955
Met Ser Leu Phe Thr Gly Thr Gly His
1 5

<210> 5956
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5956
Ser Lys Trp His Thr Asn Lys Arg Trp
1 5

<210> 5957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5957
Ser Leu Tyr His Ser Ser Val Tyr Cys Met
1 5 10

<210> 5958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5958
Thr Ile Ile Arg Phe Ala Phe Gln Ser Leu
1 5 10

<210> 5959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5959
His Ser Asn Cys Cys Asp Gly Gly Tyr Arg
1 5 10

<210> 5960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5960
Ile Ile Arg Phe Ala Phe Gln Ser Leu Tyr
1 5 10

<210> 5961
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5961
Arg Ser Arg Cys Ser Lys Trp His Thr Asn
1 5 10

<210> 5962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5962
Lys Trp His Thr Asn Lys Arg Trp Arg Ala
1 5 10

<210> 5963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5963
His Thr Asn Lys Arg Trp Arg Ala Ile Gly
1 5 10

<210> 5964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5964
Phe Gln Ser Leu Tyr His Ser Ser Val Tyr
1 5 10

<210> 5965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5965
His Ser Ser Val Tyr Cys Met Ser Leu Phe
1 5 10

<210> 5966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5966
Gly His Ser Asn Cys Cys Asp Gly Gly Tyr
1 5 10

<210> 5967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5967
Glu Thr Ile Ile Arg Phe Ala Phe Gln Ser
1 5 10

<210> 5968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5968
Phe Ala Phe Gln Ser Leu Tyr His Ser Ser
1 5 10

<210> 5969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5969
Tyr His Ser Ser Val Tyr Cys Met Ser Leu
1 5 10

<210> 5970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5970
Gly Gly Tyr Arg Ser Arg Cys Ser Lys Trp
1 5 10

<210> 5971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5971
Leu Val Gly Gln Asp Gln Ser Ser Met
1 5

<210> 5972
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5972
Gly Gln Asp Gln Ser Ser Met Gln Leu
1 5

<210> 5973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5973
Thr Leu Val Gly Gln Asp Gln Ser Ser Met
1 5 10

<210> 5974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5974
Asn Thr Ser Asn Pro Gln Ser Lys Ile
1 5

<210> 5975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5975
Asn Pro Gln Ser Lys Ile Gly Leu Phe
1 5

<210> 5976
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5976
Val Met Asn Thr Ser Asn Pro Gln Ser Lys
1 5 10

<210> 5977
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5977
Arg Pro Gly Ala Asp Arg His Gly Arg Tyr
1 5 10

<210> 5978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5978
Ala Lys Lys Glu Ile Ser Gln Leu Phe
1 5

<210> 5979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5979
Lys Lys Glu Ile Ser Gln Leu Phe Met
1 5

<210> 5980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5980
Lys Glu Ile Ser Gln Leu Phe Met Thr
1 5

<210> 5981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5981
Ser Ala Lys Lys Glu Ile Ser Gln Leu Phe
1 5 10

<210> 5982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5982
Ala Lys Lys Glu Ile Ser Gln Leu Phe Met
1 5 10

<210> 5983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5983
Lys Glu Ile Ser Gln Leu Phe Met Thr His
1 5 10

<210> 5984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5984
Ser Ile Tyr Ala Gln Leu Val Ala Ala
1 5

<210> 5985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5985
Gln Leu Val Ala Ala Phe Ser Gly Leu
1 5

<210> 5986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5986
Ile Tyr Ala Gln Leu Val Ala Ala Phe
1 5

<210> 5987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5987
Ala Gln Leu Val Ala Ala Phe Ser Gly
1 5

<210> 5988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5988
Ala Gln Leu Val Ala Ala Phe Ser Gly Leu
1 5 10

<210> 5989
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5989
Gln Leu Val Ala Ala Phe Ser Gly Leu Ile
1 5 10

<210> 5990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5990
Ser Ile Tyr Ala Gln Leu Val Ala Ala Phe
1 5 10

<210> 5991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5991
Asp Ser Ile Tyr Ala Gln Leu Val Ala Ala
1 5 10

<210> 5992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 5992
Phe Ser Cys Phe Leu Ser Phe Leu Leu
1 5

<210> 5993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5993
Phe Leu Ser Phe Leu Leu Val Ala Ala
1 5

<210> 5994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5994
Phe Phe Ser Cys Phe Leu Ser Phe Leu
1 5

<210> 5995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5995
Leu Ser Phe Leu Leu Val Ala Ala Val
1 5

<210> 5996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5996
Thr Phe Phe Ser Cys Phe Leu Ser Phe
1 5

<210> 5997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5997

Phe Leu Leu Val Ala Ala Val Val Trp
1 5

<210> 5998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5998
Phe Ser Cys Phe Leu Ser Phe Leu Leu Val
1 5 10

<210> 5999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 5999
Phe Phe Ser Cys Phe Leu Ser Phe Leu Leu
1 5 10

<210> 6000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6000
Phe Leu Ser Phe Leu Leu Val Ala Ala Val
1 5 10

<210> 6001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6001
Val Thr Phe Phe Ser Cys Phe Leu Ser Phe
1 5 10

<210> 6002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6002
Thr Phe Phe Ser Cys Phe Leu Ser Phe Leu
1 5 10

<210> 6003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6003
Ser Phe Leu Leu Val Ala Ala Val Val Trp
1 5 10

<210> 6004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6004
Leu Ser Phe Leu Leu Val Ala Ala Val Val
1 5 10

<210> 6005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6005
Tyr Thr Lys Lys Lys Lys Lys Gly Lys Arg
1 5 10

<210> 6006
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6006
His Gln His Gln Gln Gln Gln Gln His
1 5

<210> 6007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6007
His Gln Gln Gln Gln Gln Gln Gln Gln His
1 5 10

<210> 6008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6008
His Pro Trp Ile Thr Ala Asn Leu Ser
1 5

<210> 6009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6009
Leu Ser Lys Pro Ser Asn Cys Gln Asn Lys
1 5 10

<210> 6010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6010
Leu Glu His Pro Trp Ile Thr Ala Asn Leu
1 5 10

<210> 6011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6011
Ser Gln Asp Ile His Phe Trp Ile Trp
1 5

<210> 6012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6012
Ser Gln Asp Ile His Phe Trp Ile Trp Lys
1 5 10

<210> 6013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6013
Leu Ser Gln Asp Ile His Phe Trp Ile Trp
1 5 10

<210> 6014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6014
Val Trp Lys Gly Lys Gly Ser His Lys

1 5

<210> 6015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6015
Tyr Val Trp Lys Gly Lys Gly Ser His Lys
1 5 10

<210> 6016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6016
Lys Gly Cys Gln Val Glu Leu Ser Tyr
1 5

<210> 6017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6017
His Lys Lys Gly Cys Gln Val Glu Leu
1 5

<210> 6018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6018
Cys Gln Val Glu Leu Ser Tyr Pro Pro
1 5

<210> 6019

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6019
Val Glu Leu Ser Tyr Pro Pro Leu Ile
1 5

<210> 6020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6020
Cys Gln Val Glu Leu Ser Tyr Pro Pro Leu
1 5 10

<210> 6021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6021
Lys Lys Gly Cys Gln Val Glu Leu Ser Tyr
1 5 10

<210> 6022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6022
Lys Ala Arg Arg Gly Gly Gly Trp Arg
1 5

<210> 6023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6023
Arg Thr Ala His Arg Gly Gly Arg Ile
1 5

<210> 6024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6024
Arg Pro Pro Gly Ala Arg Thr Ala His
1 5

<210> 6025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6025
Gly Arg Ile Ser Pro Gln Glu Gly Leu
1 5

<210> 6026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6026
Lys Ala Arg Arg Gly Gly Gly Trp Arg Pro
1 5 10

<210> 6027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6027
Gly Trp Arg Pro Pro Gly Ala Arg Thr Ala
1 5 10

<210> 6028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6028
Gly Ala Arg Thr Ala His Arg Gly Gly Arg
1 5 10

<210> 6029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6029
Met Glu Lys Ala Arg Arg Gly Gly Gly Trp
1 5 10

<210> 6030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6030
Trp Ile Tyr Met Phe Leu Val Ala Ile
1 5

<210> 6031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6031
Tyr Met Phe Leu Val Ala Ile Ser Phe
1 5

<210> 6032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6032
Phe Leu Val Ala Ile Ser Phe Lys Thr
1 5

<210> 6033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6033
Leu Val Ala Ile Ser Phe Lys Thr Val
1 5

<210> 6034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6034
Thr Val Phe Lys Ala Ser His Ala Ala
1 5

<210> 6035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6035
Met Phe Leu Val Ala Ile Ser Phe Lys
1 5

<210> 6036
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6036
Ala Ile Ser Phe Lys Thr Val Phe Lys
1 5

<210> 6037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6037
Ile Tyr Met Phe Leu Val Ala Ile Ser
1 5

<210> 6038
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6038
Lys Thr Val Phe Lys Ala Ser His Ala
1 5

<210> 6039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6039
Val Phe Lys Ala Ser His Ala Ala Lys
1 5

<210> 6040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6040
Val Ala Ile Ser Phe Lys Thr Val Phe
1 5

<210> 6041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6041
Ile Ser Phe Lys Thr Val Phe Lys Ala
1 5

<210> 6042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6042
Phe Lys Thr Val Phe Lys Ala Ser His
1 5

<210> 6043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6043
Asn Pro Trp Ile Tyr Met Phe Leu Val
1 5

<210> 6044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6044
Phe Leu Val Ala Ile Ser Phe Lys Thr Val
1 5 10

<210> 6045
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6045
Ala Ile Ser Phe Lys Thr Val Phe Lys Ala
1 5 10

<210> 6046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6046
Tyr Met Phe Leu Val Ala Ile Ser Phe Lys
1 5 10

<210> 6047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6047
Val Ala Ile Ser Phe Lys Thr Val Phe Lys
1 5 10

<210> 6048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6048
Thr Val Phe Lys Ala Ser His Ala Ala Lys
1 5 10

<210> 6049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6049
Pro Trp Ile Tyr Met Phe Leu Val Ala Ile
1 5 10

<210> 6050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6050
Ile Tyr Met Phe Leu Val Ala Ile Ser Phe
1 5 10

<210> 6051
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6051
Ser Phe Lys Thr Val Phe Lys Ala Ser His
1 5 10

<210> 6052
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6052
Lys Thr Val Phe Lys Ala Ser His Ala Ala
1 5 10

<210> 6053
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6053
Leu Val Ala Ile Ser Phe Lys Thr Val Phe
1 5 10

<210> 6054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6054
Asn Pro Trp Ile Tyr Met Phe Leu Val Ala
1 5 10

<210> 6055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6055
Arg Val Leu Ala Thr Val Leu Val Leu
1 5

<210> 6056
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6056
Glu Leu Ala Lys Val Glu Ile Arg Val
1 5

<210> 6057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6057
Glu Ile Arg Val Leu Ala Thr Val Leu
1 5

<210> 6058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6058
Val Glu Ile Arg Val Leu Ala Thr Val
1 5

<210> 6059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6059
Arg Val Leu Ala Thr Val Leu Val Leu Ala
1 5 10

<210> 6060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6060
Lys Val Glu Ile Arg Val Leu Ala Thr Val
1 5 10

<210> 6061
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6061

Glu Ile Arg Val Leu Ala Thr Val Leu Val
1 5 10

<210> 6062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6062
Ala Lys Val Glu Ile Arg Val Leu Ala Thr
1 5 10

<210> 6063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6063
Val Glu Ile Arg Val Leu Ala Thr Val Leu
1 5 10

<210> 6064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6064
Ile Arg Val Leu Ala Thr Val Leu Val Leu
1 5 10

<210> 6065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6065
Glu Glu Leu Ala Lys Val Glu Ile Arg Val
1 5 10

<210> 6066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6066
His Met Gln Asp Lys Leu Leu Glu Val
1 5

<210> 6067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6067
Ala Val Ile Glu His Met Gln Asp Lys
1 5

<210> 6068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6068
Ile Glu His Met Gln Asp Lys Leu Leu
1 5

<210> 6069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6069
Ala Val Ile Glu His Met Gln Asp Lys Leu
1 5 10

<210> 6070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6070
His Val Arg His His Pro Val Arg Arg
1 5

<210> 6071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6071
Arg His His Pro Val Arg Arg Asn Lys
1 5

<210> 6072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6072
Arg Leu Val Asp His Val Arg His His
1 5

<210> 6073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6073
Leu Val Asp His Val Arg His His Pro Val
1 5 10

<210> 6074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6074
His Val Arg His His Pro Val Arg Arg Asn
1 5 10

<210> 6075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6075
Arg His His Pro Val Arg Arg Asn Lys Phe
1 5 10

<210> 6076
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6076
His Leu Ser Thr Ala Gly Thr Pro Ala
1 5

<210> 6077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6077
Arg Ala Ser Arg His His Leu Ser Thr
1 5

<210> 6078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6078
Ala Ser Arg His His Leu Ser Thr Ala

1 5

<210> 6079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6079
Pro Thr Cys Ser Pro Arg Thr Leu Arg
1 5

<210> 6080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6080
Thr Pro Ala Pro Pro Pro Val Pro Thr
1 5

<210> 6081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6081
Val Pro Thr Cys Ser Pro Arg Thr Leu
1 5

<210> 6082
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6082
Arg Ala Ser Arg His His Leu Ser Thr Ala
1 5 10

<210> 6083

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6083
Ala Ser Arg His His Leu Ser Thr Ala Gly
1 5 10

<210> 6084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6084
His His Leu Ser Thr Ala Gly Thr Pro Ala
1 5 10

<210> 6085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6085
His Leu Trp Gly Gly Gln Gln Arg Ala
1 5

<210> 6086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6086
Gly Gln Gln Arg Ala Pro Pro His His
1 5

<210> 6087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6087
His Leu Trp Gly Ala Thr Ala Gly Thr
1 5

<210> 6088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6088
Ala Ser Arg His His Leu Trp Gly Ala
1 5

<210> 6089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6089
Pro Thr Cys Ser Pro Arg Thr Leu Arg
1 5

<210> 6090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6090
Thr Pro Ala Pro Pro Pro Val Pro Thr
1 5

<210> 6091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6091
Val Pro Thr Cys Ser Pro Arg Thr Leu
1 5

<210> 6092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6092
Arg His His Leu Trp Gly Ala Thr Ala
1 5

<210> 6093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6093
Trp Gly Ala Thr Ala Gly Thr Pro Ala
1 5

<210> 6094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6094
Arg Ala Ser Arg His His Leu Trp Gly Ala
1 5 10

<210> 6095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6095
Ala Ser Arg His His Leu Trp Gly Ala Thr
1 5 10

<210> 6096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6096
Arg His His Leu Trp Gly Ala Thr Ala Gly
1 5 10

<210> 6097
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6097
Val Ser Arg Ser Val Ala Leu Ala Val
1 5

<210> 6098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6098
Val Ser Arg Ser Val Ala Leu Ala Val Leu
1 5 10

<210> 6099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6099
Leu Leu Ser Phe Trp Pro Gly Gly Tyr
1 5

<210> 6100
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6100
Leu Leu Cys Val Trp Val Ser Ser Ile
1 5

<210> 6101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6101
Leu Thr Ser Ser Ser Arg Glu Trp Lys
1 5

<210> 6102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6102
Ser Ser Ser Arg Glu Trp Lys Val Lys
1 5

<210> 6103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6103
Lys Phe Pro Glu Leu Leu Cys Val Trp
1 5

<210> 6104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6104
Lys Val Lys Phe Pro Glu Leu Leu Cys
1 5

<210> 6105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6105
Phe Trp Pro Gly Gly Tyr Pro Ala Tyr
1 5

<210> 6106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6106
Thr Ser Ser Ser Arg Glu Trp Lys Val
1 5

<210> 6107
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6107
Glu Trp Lys Val Lys Phe Pro Glu Leu
1 5

<210> 6108
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6108
Leu Ala Val Leu Ala Leu Leu Ser Phe
1 5

<210> 6109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6109
Ser Phe Trp Pro Gly Gly Tyr Pro Ala
1 5

<210> 6110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6110
Leu Leu Thr Ser Ser Ser Arg Glu Trp
1 5

<210> 6111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6111
Ser Ser Arg Glu Trp Lys Val Lys Phe
1 5

<210> 6112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6112
Trp Lys Val Lys Phe Pro Glu Leu Leu
1 5

<210> 6113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6113
Val Lys Phe Pro Glu Leu Leu Cys Val
1 5

<210> 6114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6114
Arg Glu Trp Lys Val Lys Phe Pro Glu
1 5

<210> 6115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6115
Phe Pro Glu Leu Leu Cys Val Trp Val
1 5

<210> 6116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6116
Glu Leu Leu Cys Val Trp Val Ser Ser Ile
1 5 10

<210> 6117
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6117
Ala Leu Leu Ser Phe Trp Pro Gly Gly Tyr
1 5 10

<210> 6118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6118
Leu Leu Thr Ser Ser Ser Arg Glu Trp Lys
1 5 10

<210> 6119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6119
Thr Ser Ser Ser Arg Glu Trp Lys Val Lys
1 5 10

<210> 6120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6120
Ser Phe Trp Pro Gly Gly Tyr Pro Ala Tyr
1 5 10

<210> 6121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6121
Lys Phe Pro Glu Leu Leu Cys Val Trp Val
1 5 10

<210> 6122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6122
Lys Val Lys Phe Pro Glu Leu Leu Cys Val
1 5 10

<210> 6123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6123
Asp Ser Gly Leu Leu Thr Ser Ser Ser Arg
1 5 10

<210> 6124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6124
Leu Leu Cys Val Trp Val Ser Ser Ile Arg
1 5 10

<210> 6125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6125

Leu Ser Phe Trp Pro Gly Gly Tyr Pro Ala
1 5 10

<210> 6126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6126
Leu Thr Ser Ser Ser Arg Glu Trp Lys Val
1 5 10

<210> 6127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6127
Tyr Pro Ala Tyr Ser Lys Asp Ser Gly Leu
1 5 10

<210> 6128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6128
Ala Leu Ala Val Leu Ala Leu Leu Ser Phe
1 5 10

<210> 6129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6129
Leu Ala Val Leu Ala Leu Leu Ser Phe Trp
1 5 10

<210> 6130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6130
Gly Leu Leu Thr Ser Ser Ser Arg Glu Trp
1 5 10

<210> 6131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6131
Ser Ser Ser Arg Glu Trp Lys Val Lys Phe
1 5 10

<210> 6132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6132
Arg Glu Trp Lys Val Lys Phe Pro Glu Leu
1 5 10

<210> 6133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6133
Val Lys Phe Pro Glu Leu Leu Cys Val Trp
1 5 10

<210> 6134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6134
Ile Ser Arg Ser Val Ala Leu Ala Val
1 5

<210> 6135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6135
Ile Ser Arg Ser Val Ala Leu Ala Val Leu
1 5 10

<210> 6136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6136
Ile Gln Gln Asp Phe Leu Asp Thr Tyr
1 5

<210> 6137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6137
Leu Tyr Gly Asp Ile Ile Gln Gln Asp Phe
1 5 10

<210> 6138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6138
Ile Ile Gln Gln Asp Phe Leu Asp Thr Tyr
1 5 10

<210> 6139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6139
Trp Leu Val Val Glu Asp Ala Pro Leu
1 5

<210> 6140
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6140
Val Glu Asp Ala Pro Leu Arg Thr Pro Leu
1 5 10

<210> 6141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6141
Phe Leu Ala Ser Leu Met Phe Phe Gly
1 5

<210> 6142
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6142
Leu Met Phe Phe Gly Asn Gln Ser Ile

1 5

<210> 6143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6143
Met Phe Phe Gly Asn Gln Ser Ile Ile
1 5

<210> 6144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6144
Phe Gly Asn Gln Ser Ile Ile Thr Leu
1 5

<210> 6145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6145
Phe Leu Ala Ser Leu Met Phe Phe Gly Asn
1 5 10

<210> 6146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6146
Ser Leu Met Phe Phe Gly Asn Gln Ser Ile
1 5 10

<210> 6147

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6147
Leu Met Phe Phe Gly Asn Gln Ser Ile Ile
1 5 10

<210> 6148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6148
Phe Phe Gly Asn Gln Ser Ile Ile Thr Leu
1 5 10

<210> 6149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6149
Pro Leu Pro Glu Thr Ser Pro Ser Tyr
1 5

<210> 6150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6150
Pro Pro Leu Pro Glu Thr Ser Pro Ser Tyr
1 5 10

<210> 6151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6151
Ser Gln Asn Asp Phe Gln Ser Leu Leu
1 5

<210> 6152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6152
Ala Gln Arg Ile Ile Ser Leu Ser Gln
1 5

<210> 6153
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6153
Ile Ile Ser Leu Ser Gln Asn Asp Phe
1 5

<210> 6154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6154
Leu Ser Gln Asn Asp Phe Gln Ser Leu
1 5

<210> 6155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6155
Ser Leu Ser Gln Asn Asp Phe Gln Ser Leu
1 5 10

<210> 6156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6156
Ser Gln Asn Asp Phe Gln Ser Leu Leu Lys
1 5 10

<210> 6157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6157
Arg Ile Ile Ser Leu Ser Gln Asn Asp Phe
1 5 10

<210> 6158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6158
Leu Ser Gln Asn Asp Phe Gln Ser Leu Leu
1 5 10

<210> 6159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6159
Ala Gln Arg Gly Pro Pro Pro Ser Arg
1 5

<210> 6160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6160
Ala Gln Arg Gly Pro Pro Pro Ser Arg Arg
1 5 10

<210> 6161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6161
Gly Pro Pro Pro Ser Arg Arg Pro Pro Ala
1 5 10

<210> 6162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6162
Gly Glu Ala Gly Gly Gly Ser Thr Thr
1 5

<210> 6163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6163
Gly Glu Ala Gly Gly Gly Ser Thr Thr Thr
1 5 10

<210> 6164
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6164
Asn Pro Met Thr Pro Met Thr Pro Met
1 5

<210> 6165
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6165
Gly Pro Val Asn Pro Met Thr Pro Met
1 5

<210> 6166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6166
Thr Pro Met Thr Pro Met Thr Ser Met
1 5

<210> 6167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6167
Met Thr Pro Met Thr Pro Met Thr Ser Met
1 5 10

<210> 6168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6168
Met Thr Pro Met Thr Ser Met Thr Ser Met
1 5 10

<210> 6169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6169
Thr Pro Met Thr Pro Met Thr Ser Met Thr
1 5 10

<210> 6170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6170
Ile Val Ser Asn Met Phe Phe Ala His
1 5

<210> 6171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6171
Asp Ile Val Ser Asn Met Phe Phe Ala
1 5

<210> 6172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6172
Ser Asn Met Phe Phe Ala His Gln Leu
1 5

<210> 6173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6173
Ser Asn Met Phe Phe Ala His Gln Leu Ile
1 5 10

<210> 6174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6174
Val Ser Asn Met Phe Phe Ala His Gln Leu
1 5 10

<210> 6175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6175
Pro Tyr His Asp Ile Cys Phe Asn Leu
1 5

<210> 6176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6176
Asp Ile Cys Phe Asn Leu Met Ala Val
1 5

<210> 6177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6177
Tyr His Asp Ile Cys Phe Asn Leu Met
1 5

<210> 6178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6178
Gly Glu Pro Tyr His Asp Ile Cys Phe
1 5

<210> 6179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6179
His Asp Ile Cys Phe Asn Leu Met Ala
1 5

<210> 6180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6180
Pro Tyr His Asp Ile Cys Phe Asn Leu Met
1 5 10

<210> 6181
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6181
Asp Ile Cys Phe Asn Leu Met Ala Val Val
1 5 10

<210> 6182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6182
Glu Pro Tyr His Asp Ile Cys Phe Asn Leu
1 5 10

<210> 6183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6183
His Asp Ile Cys Phe Asn Leu Met Ala Val
1 5 10

<210> 6184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6184
Thr Gly Ser Pro Ser Leu Pro Ala Tyr
1 5

<210> 6185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6185
Leu Pro Ala Tyr Pro Leu Leu Ser Val
1 5

<210> 6186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6186
Ser Pro Ser Leu Pro Ala Tyr Pro Leu
1 5

<210> 6187
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6187
Cys Thr Gly Ser Pro Ser Leu Pro Ala Tyr
1 5 10

<210> 6188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6188
Ser Leu Pro Ala Tyr Pro Leu Leu Ser Val
1 5 10

<210> 6189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6189

Ser Pro Ser Leu Pro Ala Tyr Pro Leu Leu
1 5 10

<210> 6190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6190
Leu Pro Ala Tyr Pro Leu Leu Ser Val Ile
1 5 10

<210> 6191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6191
Arg Met Gly Gly Gly Gly Thr Arg Ala
1 5

<210> 6192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6192
Gly Thr Arg Ala Gly Pro Gly Pro Gly
1 5

<210> 6193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6193
Arg Val Ser Gln Ala His Arg Gly Arg
1 5

<210> 6194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6194
Gln Glu Ala Glu Arg Val Ser Gln Ala
1 5

<210> 6195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6195
Ala Gly Arg Met Gly Gly Gly Gly Thr Arg
1 5 10

<210> 6196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6196
Gly Thr Arg Ala Gly Pro Gly Pro Gly Ala
1 5 10

<210> 6197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6197
Arg Met Gly Gly Gly Gly Thr Arg Ala Gly
1 5 10

<210> 6198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6198
His Gln Glu Ala Glu Arg Val Ser Gln Ala
1 5 10

<210> 6199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6199
Gln Glu Ala Glu Arg Val Ser Gln Ala His
1 5 10

<210> 6200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6200
Arg Met Gly Phe Leu Tyr Leu Thr Val
1 5

<210> 6201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6201
Thr Val Tyr Gly His Thr Trp Gln Val
1 5

<210> 6202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6202
Tyr Leu Thr Val Tyr Gly His Thr Trp
1 5

<210> 6203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6203
Met Gly Phe Leu Tyr Leu Thr Val Tyr
1 5

<210> 6204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6204
Phe Leu Tyr Leu Thr Val Tyr Gly His Thr
1 5 10

<210> 6205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6205
Leu Thr Val Tyr Gly His Thr Trp Gln Val
1 5 10

<210> 6206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6206
Arg Met Gly Phe Leu Tyr Leu Thr Val Tyr

1 5 10

<210> 6207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6207
Leu Tyr Leu Thr Val Tyr Gly His Thr Trp
1 5 10

<210> 6208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6208
Lys Arg Met Gly Phe Leu Tyr Leu Thr Val
1 5 10

<210> 6209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6209
Val Leu Gly Glu Arg Asn Phe Phe Ala
1 5

<210> 6210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6210
Phe Ala Leu Arg Ile Met Asp Lys Phe
1 5

<210> 6211

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6211
Arg Asn Phe Phe Ala Leu Arg Ile Met
1 5

<210> 6212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6212
Phe Val Leu Gly Glu Arg Asn Phe Phe Ala
1 5 10

<210> 6213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6213
Val Leu Gly Glu Arg Asn Phe Phe Ala Leu
1 5 10

<210> 6214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6214
Asn Phe Phe Ala Leu Arg Ile Met Asp Lys
1 5 10

<210> 6215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6215
Phe Phe Ala Leu Arg Ile Met Asp Lys Phe
1 5 10

<210> 6216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6216
Gly Glu Arg Asn Phe Phe Ala Leu Arg Ile
1 5 10

<210> 6217
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6217
Glu Arg Asn Phe Phe Ala Leu Arg Ile Met
1 5 10

<210> 6218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6218
Pro Pro Val Arg Arg Val Glu Ser Leu
1 5

<210> 6219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6219
His Pro Pro Val Arg Arg Val Glu Ser Leu
1 5 10

<210> 6220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6220
Arg Arg Val Glu Ser Leu Asn Leu Pro Leu
1 5 10

<210> 6221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6221
Cys Thr Phe Met Lys Lys Phe Phe Val
1 5

<210> 6222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6222
Ala Phe Asp Ser Cys Thr Phe Met Lys
1 5

<210> 6223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6223
Thr Phe Met Lys Lys Phe Phe Val Thr
1 5

<210> 6224
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6224
Ala Ala Phe Asp Ser Cys Thr Phe Met
1 5

<210> 6225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6225
Phe Met Lys Lys Phe Phe Val Thr Ser
1 5

<210> 6226
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6226
Met Lys Lys Phe Phe Val Thr Ser Cys
1 5

<210> 6227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6227
Phe Met Lys Lys Phe Phe Val Thr Ser Cys
1 5 10

<210> 6228
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6228
Ala Ala Phe Asp Ser Cys Thr Phe Met Lys
1 5 10

<210> 6229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6229
Ala Phe Asp Ser Cys Thr Phe Met Lys Lys
1 5 10

<210> 6230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6230
Met Lys Lys Phe Phe Val Thr Ser Cys Tyr
1 5 10

<210> 6231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6231
Ile Ala Ala Phe Asp Ser Cys Thr Phe Met
1 5 10

<210> 6232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6232
Phe Asp Ser Cys Thr Phe Met Lys Lys Phe
1 5 10

<210> 6233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6233
Ser Ser Ser Ser Phe His Leu Trp Met
1 5

<210> 6234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6234
Arg Ser His Pro Pro Gly Ser Ser Ser
1 5

<210> 6235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6235
His Pro Pro Gly Ser Ser Ser Ser Phe
1 5

<210> 6236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6236
Ser Ser Gln Gly Pro Arg Arg Ser Leu
1 5

<210> 6237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6237
Gly Ser Ser Ser Ser Phe His Leu Trp
1 5

<210> 6238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6238
Phe His Leu Trp Met Thr Ser Pro Ser
1 5

<210> 6239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6239
Trp Met Thr Ser Pro Ser Ser Gln Gly
1 5

<210> 6240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6240
Met Thr Ser Pro Ser Ser Gln Gly Pro Arg
1 5 10

<210> 6241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6241
Arg Gly Leu Ala Arg Ser His Pro Pro Gly
1 5 10

<210> 6242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6242
Arg Ser His Pro Pro Gly Ser Ser Ser Ser
1 5 10

<210> 6243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6243
Ser His Pro Pro Gly Ser Ser Ser Ser Phe
1 5 10

<210> 6244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6244
Gly Ser Ser Ser Ser Phe His Leu Trp Met
1 5 10

<210> 6245
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6245
Phe His Leu Trp Met Thr Ser Pro Ser Ser
1 5 10

<210> 6246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6246
Ser Leu Cys Val Gly Leu Gly Ile Lys
1 5

<210> 6247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6247
Cys Val Gly Leu Gly Ile Lys Glu Lys
1 5

<210> 6248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6248
Lys Gln Arg Ala Ile Tyr Leu Arg Arg
1 5

<210> 6249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6249
Ile Tyr Leu Arg Arg Glu Gly Gly Arg
1 5

<210> 6250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6250
Ala Pro Gln Lys Gln Arg Ala Ile Tyr
1 5

<210> 6251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6251
Lys Val Ser Leu Cys Val Gly Leu Gly Ile
1 5 10

<210> 6252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6252
Val Ser Leu Cys Val Gly Leu Gly Ile Lys
1 5 10

<210> 6253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6253

Gly Ile Lys Glu Lys Asn Ala Pro Gln Lys
1 5 10

<210> 6254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6254
Lys Gln Arg Ala Ile Tyr Leu Arg Arg Glu
1 5 10

<210> 6255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6255
Ala Ile Tyr Leu Arg Arg Glu Gly Gly Arg
1 5 10

<210> 6256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6256
Ala Pro Gln Lys Gln Arg Ala Ile Tyr Leu
1 5 10

<210> 6257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6257
His Leu Ala Glu Ala Lys Gly His Arg
1 5

<210> 6258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6258
Ala Glu Ala Lys Gly His Arg Asp Thr
1 5

<210> 6259
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6259
Leu Val Asp Ser Ile Ala Leu Trp Met
1 5

<210> 6260
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6260
Ser Ile Ala Leu Trp Met Thr Glu Tyr
1 5

<210> 6261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6261
Glu Met Ser Pro Leu Val Asp Ser Ile
1 5

<210> 6262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6262
Met Ser Pro Leu Val Asp Ser Ile Ala
1 5

<210> 6263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6263
Ser Pro Leu Val Asp Ser Ile Ala Leu
1 5

<210> 6264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6264
Arg Glu Met Ser Pro Leu Val Asp Ser
1 5

<210> 6265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6265
Asp Ser Ile Ala Leu Trp Met Thr Glu Tyr
1 5 10

<210> 6266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6266
Ser Ile Ala Leu Trp Met Thr Glu Tyr Leu
1 5 10

<210> 6267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6267
Met Ser Pro Leu Val Asp Ser Ile Ala Leu
1 5 10

<210> 6268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6268
Arg Glu Met Ser Pro Leu Val Asp Ser Ile
1 5 10

<210> 6269
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6269
Ser Pro Leu Val Asp Ser Ile Ala Leu Trp
1 5 10

<210> 6270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6270
Val Met Lys Tyr Ile Gln Tyr Lys Leu

1 5

<210> 6271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6271
Ile Val Met Lys Tyr Ile Gln Tyr Lys
1 5

<210> 6272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6272
Tyr Ile Gln Tyr Lys Leu Ser Gln Arg
1 5

<210> 6273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6273
Ile Gln Tyr Lys Leu Ser Gln Arg Gly
1 5

<210> 6274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6274
Arg Glu Ile Val Met Lys Tyr Ile Gln
1 5

<210> 6275

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6275
Ile Val Met Lys Tyr Ile Gln Tyr Lys Leu
1 5 10

<210> 6276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6276
Glu Ile Val Met Lys Tyr Ile Gln Tyr Lys
1 5 10

<210> 6277
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6277
Ile Gln Tyr Lys Leu Ser Gln Arg Gly Tyr
1 5 10

<210> 6278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6278
Lys Tyr Ile Gln Tyr Lys Leu Ser Gln Arg
1 5 10

<210> 6279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6279
Arg Glu Ile Val Met Lys Tyr Ile Gln Tyr
1 5 10

<210> 6280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6280
Tyr Glu Trp Asp Ala Arg Asp Val Gly
1 5

<210> 6281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6281
Ser Gln Arg Gly Tyr Glu Trp Asp Ala Arg
1 5 10

<210> 6282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6282
Tyr Glu Trp Asp Ala Arg Asp Val Gly Ala
1 5 10

<210> 6283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6283
Gln Ser Ser Ser Gly Tyr Phe Ser Phe
1 5

<210> 6284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6284
Leu Leu Ser Gln Ser Ser Ser Gly Tyr
1 5

<210> 6285
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6285
Leu Ser Gln Ser Ser Ser Gly Tyr Phe
1 5

<210> 6286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6286
Ser Gln Ser Ser Ser Gly Tyr Phe Ser
1 5

<210> 6287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6287
Ser Gln Ser Ser Ser Gly Tyr Phe Ser Phe
1 5 10

<210> 6288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6288
Ser Leu Leu Ser Gln Ser Ser Ser Gly Tyr
1 5 10

<210> 6289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6289
Leu Leu Ser Gln Ser Ser Ser Gly Tyr Phe
1 5 10

<210> 6290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6290
Phe Met Arg Arg Ser Ser Leu Leu Ser Gln
1 5 10

<210> 6291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6291
Ser Thr Ala Val Ser Trp Cys His Tyr
1 5

<210> 6292
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6292
Thr Ala Val Ser Trp Cys His Tyr Tyr
1 5

<210> 6293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6293
Glu Leu Asp Gly Thr Thr Phe Leu Phe
1 5

<210> 6294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6294
Leu Thr Leu His Cys Pro Pro Gly Val
1 5

<210> 6295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6295
Ala Val Ser Trp Cys His Tyr Tyr Ala
1 5

<210> 6296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6296
Ser Leu Val Glu Gly Ala Gly Asp Val
1 5

<210> 6297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6297
Met Val Ile Leu Arg Leu Leu Thr Leu
1 5

<210> 6298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6298
Thr Met Gln Thr Phe Cys Leu Phe Lys
1 5

<210> 6299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6299
Asp Thr Met Gln Thr Phe Cys Leu Phe
1 5

<210> 6300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6300
His Tyr Tyr Ala Ala Ser Gly Ser Leu
1 5

<210> 6301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6301
Tyr Tyr Ala Ala Ser Gly Ser Leu Val
1 5

<210> 6302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6302
Leu Phe Ile Thr Thr Gln Gln Asn Phe
1 5

<210> 6303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6303
Arg Ser Arg Asp Thr Met Gln Thr Phe
1 5

<210> 6304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6304
Leu Phe Lys Pro Thr Arg Pro Ser Thr
1 5

<210> 6305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6305
Val Ser Trp Cys His Tyr Tyr Ala Ala
1 5

<210> 6306
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6306
Thr Phe Cys Leu Phe Lys Pro Thr Arg
1 5

<210> 6307
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6307
Cys Pro Pro Gly Val Glu Asn Ala Leu
1 5

<210> 6308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6308
Lys Pro Thr Arg Pro Ser Thr Ala Val
1 5

<210> 6309
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6309
Arg Met Val Ile Leu Arg Leu Leu Thr
1 5

<210> 6310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6310
Val Glu Asn Ala Leu Thr Gly Ser Leu
1 5

<210> 6311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6311
Gly Ser Leu Arg Ser Arg Asp Thr Met
1 5

<210> 6312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6312
Thr Glu Leu Asp Gly Thr Thr Phe Leu
1 5

<210> 6313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6313
Ser Thr Ala Val Ser Trp Cys His Tyr Tyr
1 5 10

<210> 6314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6314
Glu Leu Asp Gly Thr Thr Phe Leu Phe Ile
1 5 10

<210> 6315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6315
Arg Met Val Ile Leu Arg Leu Leu Thr Leu
1 5 10

<210> 6316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6316
Leu Leu Thr Leu His Cys Pro Pro Gly Val
1 5 10

<210> 6317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6317

Ala Val Ser Trp Cys His Tyr Tyr Ala Ala
1 5 10

<210> 6318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6318
Phe Leu Phe Ile Thr Thr Gln Gln Asn Phe
1 5 10

<210> 6319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6319
Asp Thr Met Gln Thr Phe Cys Leu Phe Lys
1 5 10

<210> 6320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6320
Gln Thr Phe Cys Leu Phe Lys Pro Thr Arg
1 5 10

<210> 6321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6321
His Tyr Tyr Ala Ala Ser Gly Ser Leu Val
1 5 10

<210> 6322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6322
Thr Glu Leu Asp Gly Thr Thr Phe Leu Phe
1 5 10

<210> 6323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6323
Arg Ser Arg Asp Thr Met Gln Thr Phe Cys
1 5 10

<210> 6324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6324
Leu Phe Lys Pro Thr Arg Pro Ser Thr Ala
1 5 10

<210> 6325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6325
Pro Ser Thr Ala Val Ser Trp Cys His Tyr
1 5 10

<210> 6326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6326
Asn Ala Leu Thr Gly Ser Leu Arg Ser Arg
1 5 10

<210> 6327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6327
Thr Ala Val Ser Trp Cys His Tyr Tyr Ala
1 5 10

<210> 6328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6328
Leu Arg Ser Arg Asp Thr Met Gln Thr Phe
1 5 10

<210> 6329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6329
Arg Asp Thr Met Gln Thr Phe Cys Leu Phe
1 5 10

<210> 6330
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6330
Met Gln Thr Phe Cys Leu Phe Lys Pro Thr
1 5 10

<210> 6331
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6331
Cys His Tyr Tyr Ala Ala Ser Gly Ser Leu
1 5 10

<210> 6332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6332
Arg Ile Tyr Lys Trp Val Pro Val Met
1 5

<210> 6333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6333
Lys Trp Val Pro Val Met Glu Pro Lys
1 5

<210> 6334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6334
Leu Arg Ile Tyr Lys Trp Val Pro Val Met

1 5 10

<210> 6335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6335
Gln Val Leu Cys Ser Ser Leu Ser Val
1 5

<210> 6336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6336
Ser Pro Gln Val Leu Cys Ser Ser Leu
1 5

<210> 6337
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6337
Gln Val Leu Cys Ser Ser Leu Ser Val Arg
1 5 10

<210> 6338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6338
Leu Leu Pro Pro Pro Thr Thr Thr Ala
1 5

<210> 6339

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6339
Arg Ala Arg Asp Gln Gln Gln Pro Ala
1 5

<210> 6340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6340
Leu Ser Arg Cys Pro Glu Pro Tyr Gly
1 5

<210> 6341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6341
Glu Leu Ser Arg Cys Pro Glu Pro Tyr
1 5

<210> 6342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6342
Thr Thr Thr Ala Gly Leu Arg Ala Arg
1 5

<210> 6343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6343
Glu Pro Ala Arg Pro Ala Ala Pro Val
1 5

<210> 6344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6344
Arg Pro Leu Leu Pro Pro Pro Thr Thr Thr
1 5 10

<210> 6345
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6345
Leu Pro Pro Pro Thr Thr Thr Ala Gly Leu
1 5 10

<210> 6346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6346
Gln Pro Ala Gln Pro Asp Ala Pro Glu Leu
1 5 10

<210> 6347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6347
Tyr Gly His Glu Pro Ala Arg Pro Ala Ala
1 5 10

<210> 6348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6348
His Glu Pro Ala Arg Pro Ala Ala Pro Val
1 5 10

<210> 6349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6349
Leu Val Val Glu Ile Val Cys Ile Leu
1 5

<210> 6350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6350
Cys Ile Leu Glu Ile Ile Val Ala Ile
1 5

<210> 6351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6351
Ile Ile Val Ala Ile Thr Glu Ile Ile
1 5

<210> 6352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6352
Leu Val Pro Glu His Ile Gln Gly Leu
1 5

<210> 6353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6353
His Ile Gln Gly Leu Val Val Glu Ile
1 5

<210> 6354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6354
Gly Leu Val Val Glu Ile Val Cys Ile
1 5

<210> 6355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6355
Glu Ile Val Cys Ile Leu Glu Ile Ile
1 5

<210> 6356
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6356
Glu Ile Ile Val Ala Ile Thr Glu Ile
1 5

<210> 6357
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6357
Ser Arg Lys Lys Arg Tyr Ser Ser Thr
1 5

<210> 6358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6358
Lys Lys Arg Tyr Ser Ser Thr Gly Leu
1 5

<210> 6359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6359
Lys Arg Tyr Ser Ser Thr Gly Leu Val
1 5

<210> 6360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6360
Val Glu Ile Val Cys Ile Leu Glu Ile
1 5

<210> 6361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6361
Val Pro Glu His Ile Gln Gly Leu Val
1 5

<210> 6362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6362
Gly Leu Val Pro Glu His Ile Gln Gly Leu
1 5 10

<210> 6363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6363
Leu Val Pro Glu His Ile Gln Gly Leu Val
1 5 10

<210> 6364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6364
His Ile Gln Gly Leu Val Val Glu Ile Val
1 5 10

<210> 6365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6365
Gly Leu Val Val Glu Ile Val Cys Ile Leu
1 5 10

<210> 6366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6366
His Ser Arg Lys Lys Arg Tyr Ser Ser Thr
1 5 10

<210> 6367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6367
Lys Lys Arg Tyr Ser Ser Thr Gly Leu Val
1 5 10

<210> 6368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6368
Glu Ile Val Cys Ile Leu Glu Ile Ile Val
1 5 10

<210> 6369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6369
Glu Ile Ile Val Ala Ile Thr Glu Ile Ile
1 5 10

<210> 6370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6370
Val Pro Glu His Ile Gln Gly Leu Val Val
1 5 10

<210> 6371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6371
Arg Lys Lys Arg Tyr Ser Ser Thr Gly Leu
1 5 10

<210> 6372
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6372
Leu Glu Ile Ile Val Ala Ile Thr Glu Ile
1 5 10

<210> 6373
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6373
Val Glu Ile Val Cys Ile Leu Glu Ile Ile
1 5 10

<210> 6374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6374
Glu Ala Arg Arg Leu Ile Val Ser Lys
1 5

<210> 6375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6375
Val Ser Lys Asn Ala Gly Glu Thr Leu
1 5

<210> 6376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6376
Ser Lys Asn Ala Gly Glu Thr Leu Leu
1 5

<210> 6377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6377
Asp Gln Asn Lys Met Ala Ala Leu Arg
1 5

<210> 6378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6378
Ser Gln Ser Leu Asp Gln Asn Lys Met
1 5

<210> 6379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6379
Ser Leu Asp Gln Asn Lys Met Ala Ala Leu
1 5 10

<210> 6380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6380
Pro Met Asn Asn Ser Lys Met Arg Lys
1 5

<210> 6381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6381

Met Asn Asn Ser Lys Met Arg Lys Lys
1 5

<210> 6382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6382
Lys Met Arg Lys Lys Arg Asn Leu Gln
1 5

<210> 6383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6383
Ser Lys Met Arg Lys Lys Arg Asn Leu
1 5

<210> 6384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6384
Lys Met Arg Lys Lys Arg Asn Leu Gln Pro
1 5 10

<210> 6385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6385
Met Asn Asn Ser Lys Met Arg Lys Lys Arg
1 5 10

<210> 6386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6386
Asn Ser Lys Met Arg Lys Lys Arg Asn Leu
1 5 10

<210> 6387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6387
Ser Leu Ser Gly Gly Thr Trp Pro Ala
1 5

<210> 6388
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6388
Thr Met Trp Arg Ser Thr Thr Pro Arg
1 5

<210> 6389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6389
Gly Ala Ala Val Pro Val Ala Leu Arg
1 5

<210> 6390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6390
Cys Ser Ser Ser Ala Thr Met Trp Arg
1 5

<210> 6391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6391
Thr Ser Pro Gly Ala Ala Val Pro Val
1 5

<210> 6392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6392
Val Pro Val Ala Leu Arg Pro Ser Ala
1 5

<210> 6393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6393
Arg Pro Ser Ala Ser Trp Ser Arg Cys
1 5

<210> 6394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6394
Cys Thr Cys Ser Ser Ser Ala Thr Met
1 5

<210> 6395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6395
Asp Gln Ser Leu Ser Gly Gly Thr Trp
1 5

<210> 6396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6396
Val Ala Leu Arg Pro Ser Ala Ser Trp
1 5

<210> 6397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6397
Trp Pro Ala Ala Cys Trp Cys Ser Ser
1 5

<210> 6398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6398
Ser Leu Ser Gly Gly Thr Trp Pro Ala Ala

1 5 10

<210> 6399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6399
Ala Thr Trp Thr Ser Pro Gly Ala Ala Val
1 5 10

<210> 6400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6400
Trp Thr Ser Pro Gly Ala Ala Val Pro Val
1 5 10

<210> 6401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6401
Ala Leu Arg Pro Ser Ala Ser Trp Ser Arg
1 5 10

<210> 6402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6402
Ala Thr Met Trp Arg Ser Thr Thr Pro Arg
1 5 10

<210> 6403

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6403
Trp Ser Arg Cys Thr Cys Ser Ser Ser Ala
1 5 10

<210> 6404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6404
Ser Ser Ala Thr Trp Thr Ser Pro Gly Ala
1 5 10

<210> 6405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6405
Ser Pro Gly Ala Ala Val Pro Val Ala Leu
1 5 10

<210> 6406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6406
Arg Pro Ser Ala Ser Trp Ser Arg Cys Thr
1 5 10

<210> 6407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6407
Ser Ser Ser Pro Ser Ser Ser Ala Thr Trp
1 5 10

<210> 6408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6408
Arg Cys Thr Cys Ser Ser Ser Ala Thr Met
1 5 10

<210> 6409
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6409
Trp Pro Ala Ala Cys Trp Cys Ser Ser Ser
1 5 10

<210> 6410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6410
Gln Gln Gln Glu Glu Met Cys His Leu
1 5

<210> 6411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6411
Tyr Gln Gln Gln Gln Glu Glu Met Cys His
1 5 10

<210> 6412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6412
Gln Gln Gln Gln Glu Glu Met Cys His Leu
1 5 10

<210> 6413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6413
Glu Glu Met Cys His Leu Gln Gln Glu Leu
1 5 10

<210> 6414
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6414
Lys Met Glu Asp Ile Lys Ile Leu Leu
1 5

<210> 6415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6415
Trp Lys Met Glu Asp Ile Lys Ile Leu
1 5

<210> 6416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6416
Lys Ile Leu Leu Pro Gln Pro Gln Phe
1 5

<210> 6417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6417
Leu Leu Pro Gln Pro Gln Phe Gln Cys Ala
1 5 10

<210> 6418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6418
Trp Lys Met Glu Asp Ile Lys Ile Leu Leu
1 5 10

<210> 6419
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6419
Ile Lys Ile Leu Leu Pro Gln Pro Gln Phe
1 5 10

<210> 6420
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6420
His Leu Glu Glu Ile Leu Leu Pro Arg
1 5

<210> 6421
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6421
Leu Pro Arg Arg Lys Pro His Ala Ala
1 5

<210> 6422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6422
Ala Ala Leu Gln His Gly Arg Ala Val
1 5

<210> 6423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6423
Phe Pro His Gln Asn Ala Thr Gly Thr
1 5

<210> 6424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6424
Leu Gln His Gly Arg Ala Val His His
1 5

<210> 6425
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6425
Cys Glu Asn Phe Pro His Gln Asn Ala
1 5

<210> 6426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6426
Leu Leu Pro Arg Arg Lys Pro His Ala Ala
1 5 10

<210> 6427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6427
His Leu Glu Glu Ile Leu Leu Pro Arg Arg
1 5 10

<210> 6428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6428
His Ala Ala Leu Gln His Gly Arg Ala Val
1 5 10

<210> 6429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6429
Val Pro Ser Arg Asn Pro Pro Gln Gly Leu
1 5 10

<210> 6430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6430
Leu Pro Arg Arg Lys Pro His Ala Ala Leu
1 5 10

<210> 6431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6431
Ala Ala Leu Gln His Gly Arg Ala Val His
1 5 10

<210> 6432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6432
Leu Gln His Gly Arg Ala Val His His Gln
1 5 10

<210> 6433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6433
His Gln Gly Asp Gln Pro Asp Lys His Phe
1 5 10

<210> 6434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6434
Lys His Phe Thr Glu Pro Asp Pro Thr Val
1 5 10

<210> 6435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6435
Cys Glu Asn Phe Pro His Gln Asn Ala Thr
1 5 10

<210> 6436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6436
Ser Pro Gln Gly Cys Phe Glu Pro Ala
1 5

<210> 6437
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6437
Ser Ser Ser Ser Pro Gln Gly Cys Phe
1 5

<210> 6438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6438
Arg Pro Ala Ser Ser Ser Ser Ser Pro Gln
1 5 10

<210> 6439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6439
Ser Ser Ser Ser Ser Pro Gln Gly Cys Phe
1 5 10

<210> 6440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6440
Arg Gly His Leu Arg Asp Asp Ile Lys
1 5

<210> 6441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6441
His Leu Arg Asp Asp Ile Lys Glu Tyr
1 5

<210> 6442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6442
His Leu Arg Asp Asp Ile Lys Glu Tyr Lys
1 5 10

<210> 6443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6443
Asn Val Glu Ile Gln Arg Gly His Leu Arg
1 5 10

<210> 6444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6444
Ile Gln Arg Gly His Leu Arg Asp Asp Ile
1 5 10

<210> 6445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6445

Gly His Leu Arg Asp Asp Ile Lys Glu Tyr
1 5 10

<210> 6446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6446
Lys Ile Cys Ile Trp Asp Leu Ser Lys
1 5

<210> 6447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6447
Cys Ile Trp Asp Leu Ser Lys Leu Met Lys
1 5 10

<210> 6448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6448
Leu Ser Lys Leu Met Lys Val His Leu Lys
1 5 10

<210> 6449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6449
Ile Cys Ile Trp Asp Leu Ser Lys Leu Met
1 5 10

<210> 6450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6450
Met Val Ile Asp Phe Lys Gln Arg Val
1 5

<210> 6451
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6451
Met Cys Ser Met Val Ile Asp Phe Lys
1 5

<210> 6452
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6452
Val Asp Arg Cys Pro Met Cys Ser Met
1 5

<210> 6453
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6453
Pro Met Cys Ser Met Val Ile Asp Phe
1 5

<210> 6454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6454
Ser Met Val Ile Asp Phe Lys Gln Arg Val
1 5 10

<210> 6455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6455
Pro Met Cys Ser Met Val Ile Asp Phe Lys
1 5 10

<210> 6456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6456
Cys Ser Met Val Ile Asp Phe Lys Gln Arg
1 5 10

<210> 6457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6457
Cys Pro Met Cys Ser Met Val Ile Asp Phe
1 5 10

<210> 6458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6458
Met Val Ile Asp Phe Lys Gln Arg Val Phe
1 5 10

<210> 6459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6459
Lys Ile Phe Gln Lys Lys Phe Gly Leu
1 5

<210> 6460
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6460
Glu Met Met Lys Ile Phe Gln Lys Lys
1 5

<210> 6461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6461
Lys Glu Met Met Lys Ile Phe Gln Lys
1 5

<210> 6462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6462
Met Met Lys Ile Phe Gln Lys Lys Phe

1 5

<210> 6463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6463
Phe Gln Lys Lys Phe Gly Leu His Asn
1 5

<210> 6464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6464
Gln Lys Lys Phe Gly Leu His Asn Phe
1 5

<210> 6465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6465
Lys Ile Phe Gln Lys Lys Phe Gly Leu His
1 5 10

<210> 6466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6466
Glu Met Met Lys Ile Phe Gln Lys Lys Phe
1 5 10

<210> 6467

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6467
Phe Gln Lys Lys Phe Gly Leu His Asn Phe
1 5 10

<210> 6468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6468
Lys Glu Met Met Lys Ile Phe Gln Lys Lys
1 5 10

<210> 6469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6469
Met Met Lys Ile Phe Gln Lys Lys Phe Gly
1 5 10

<210> 6470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6470
Met Lys Ile Phe Gln Lys Lys Phe Gly Leu
1 5 10

<210> 6471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6471
Phe Leu Asn Leu Ile Gly Phe Val Leu
1 5

<210> 6472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6472
Val Leu Arg Arg Glu Leu Gly Ser Ile
1 5

<210> 6473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6473
Asn Leu Ile Gly Phe Val Leu Arg Arg
1 5

<210> 6474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6474
Ile Gly Phe Val Leu Arg Arg Glu Leu
1 5

<210> 6475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6475
Phe Val Leu Arg Arg Glu Leu Gly Ser Ile
1 5 10

<210> 6476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6476
Ala Phe Leu Asn Leu Ile Gly Phe Val Leu
1 5 10

<210> 6477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6477
Phe Leu Asn Leu Ile Gly Phe Val Leu Arg
1 5 10

<210> 6478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6478
Gln Gln His His His His His His His Leu
1 5 10

<210> 6479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6479
Gln His His His His His His His Leu Leu
1 5 10

<210> 6480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6480
His Trp Lys Ser Gln Thr Leu Gln Phe
1 5

<210> 6481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6481
Lys Gln Arg Lys Gly Pro His Trp Lys
1 5

<210> 6482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6482
Gly Pro His Trp Lys Ser Gln Thr Leu
1 5

<210> 6483
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6483
Lys Lys Gln Arg Lys Gly Pro His Trp
1 5

<210> 6484
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6484
Lys Lys Gln Arg Lys Gly Pro His Trp Lys
1 5 10

<210> 6485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6485
Lys Gln Arg Lys Gly Pro His Trp Lys Ser
1 5 10

<210> 6486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6486
Lys Lys Lys Gln Arg Lys Gly Pro His Trp
1 5 10

<210> 6487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6487
Pro His Trp Lys Ser Gln Thr Leu Gln Phe
1 5 10

<210> 6488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6488
Gln Glu Glu Gln Gln Gln Gln Gln Leu
1 5

<210> 6489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6489
Gln Gln Glu Glu Gln Gln Gln Gln Gln Leu
1 5 10

<210> 6490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6490
Gln Glu Glu Gln Gln Gln Gln Gln Leu Leu
1 5 10

<210> 6491
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6491
Arg Trp Asn Gly Ser Pro Cys Arg Ala
1 5

<210> 6492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6492
Thr Val Arg Trp Asn Gly Ser Pro Cys Arg
1 5 10

<210> 6493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6493
Asn Gly Ser Pro Cys Arg Ala Pro His Phe
1 5 10

<210> 6494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6494
Ser Pro Cys Arg Ala Pro His Phe His Ile
1 5 10

<210> 6495
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6495
Ser Cys Leu Phe Gln Ser Asp Val Tyr
1 5

<210> 6496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6496
Gly Ser Cys Leu Phe Gln Ser Asp Val Tyr
1 5 10

<210> 6497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6497
Leu Pro Phe Gly Ser Cys Leu Phe Gln Ser
1 5 10

<210> 6498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6498
Asp Glu Met Ser Glu Asp Asp Val Leu
1 5

<210> 6499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6499
Tyr Asp Gly Phe Arg Pro Gly Met Tyr
1 5

<210> 6500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6500
Asp Gly Phe Arg Pro Gly Met Tyr Val
1 5

<210> 6501
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6501
Val Gln Tyr Asp Gly Phe Arg Pro Gly
1 5

<210> 6502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6502
Gln Tyr Asp Gly Phe Arg Pro Gly Met Tyr
1 5 10

<210> 6503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6503
Glu Ala Arg Val Gln Tyr Asp Gly Phe Arg
1 5 10

<210> 6504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6504
Asp Gly Phe Arg Pro Gly Met Tyr Val Arg
1 5 10

<210> 6505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6505
Val Gln Tyr Asp Gly Phe Arg Pro Gly Met
1 5 10

<210> 6506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6506
Asp Glu Ala Arg Val Gln Tyr Asp Gly Phe
1 5 10

<210> 6507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6507
Lys Thr Asn Ser Asn Lys Gly Thr Phe
1 5

<210> 6508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6508
Thr Asn Ser Asn Lys Gly Thr Phe Arg
1 5

<210> 6509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6509

His Leu Cys Gln Lys Thr Asn Ser Asn Lys
1 5 10

<210> 6510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6510
Lys Thr Asn Ser Asn Lys Gly Thr Phe Arg
1 5 10

<210> 6511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6511
Gln Lys Thr Asn Ser Asn Lys Gly Thr Phe
1 5 10

<210> 6512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6512
Leu Ile Trp Ala Thr Ser Gly Ala Ala
1 5

<210> 6513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6513
Asp Leu Ile Trp Ala Thr Ser Gly Ala
1 5

<210> 6514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6514
Asp Leu Ile Trp Ala Thr Ser Gly Ala Ala
1 5 10

<210> 6515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6515
Trp Ala Thr Ser Gly Ala Ala Thr Pro Val
1 5 10

<210> 6516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6516
Arg Leu Leu Thr Pro Gly Glu Met Val
1 5

<210> 6517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6517
Gln Pro Val Pro Pro Phe Tyr Arg Arg
1 5

<210> 6518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6518
Val Pro Pro Phe Tyr Arg Arg Leu Leu
1 5

<210> 6519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6519
Arg Arg Leu Leu Thr Pro Gly Glu Met
1 5

<210> 6520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6520
Gln Pro Val Pro Pro Phe Tyr Arg Arg Leu
1 5 10

<210> 6521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6521
Tyr Arg Arg Leu Leu Thr Pro Gly Glu Met
1 5 10

<210> 6522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6522
Leu Asp Val Gln Ile Lys Gly Glu Phe
1 5

<210> 6523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6523
Thr Thr Ala Glu Thr Leu Asp Val Gln Ile
1 5 10

<210> 6524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6524
Leu Asp Val Gln Ile Lys Gly Glu Phe Tyr
1 5 10

<210> 6525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6525
Leu Ser Ala Thr Pro Leu Pro His Tyr
1 5

<210> 6526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6526
Ser Ala Thr Pro Leu Pro His Tyr Leu

1 5

<210> 6527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6527
Gly Leu Ser Ala Thr Pro Leu Pro His
1 5

<210> 6528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6528
Thr Pro Leu Pro His Tyr Leu Ala His
1 5

<210> 6529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6529
Gly Leu Ser Ala Thr Pro Leu Pro His Tyr
1 5 10

<210> 6530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6530
Ser Thr Thr Gly Leu Ser Ala Thr Pro Leu
1 5 10

<210> 6531

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6531
Leu Ser Ala Thr Pro Leu Pro His Tyr Leu
1 5 10

<210> 6532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6532
Ser Val Ser Phe Gly Thr Val Tyr Lys
1 5

<210> 6533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6533
Gly Ser Val Ser Phe Gly Thr Val Tyr
1 5

<210> 6534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6534
Gly Gln Arg Ile Gly Ser Val Ser Phe
1 5

<210> 6535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6535
Arg Ile Gly Ser Val Ser Phe Gly Thr Val
1 5 10

<210> 6536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6536
Gly Ser Val Ser Phe Gly Thr Val Tyr Lys
1 5 10

<210> 6537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6537
Val Ser Phe Gly Thr Val Tyr Lys Gly Lys
1 5 10

<210> 6538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6538
Ile Gly Ser Val Ser Phe Gly Thr Val Tyr
1 5 10

<210> 6539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6539
Ile Thr Val Gly Gln Arg Ile Gly Ser Val
1 5 10

<210> 6540
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6540
Val Gly Gln Arg Ile Gly Ser Val Ser Phe
1 5 10

<210> 6541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6541
Gly Ser Gly Ser Phe Ala Thr Val Tyr
1 5

<210> 6542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6542
Ser Gly Ser Phe Ala Thr Val Tyr Lys
1 5

<210> 6543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6543
Ser Phe Ala Thr Val Tyr Lys Gly Lys
1 5

<210> 6544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6544
Phe Ala Thr Val Tyr Lys Gly Lys Trp
1 5

<210> 6545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6545
Arg Ile Gly Ser Gly Ser Phe Ala Thr Val
1 5 10

<210> 6546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6546
Gly Ser Gly Ser Phe Ala Thr Val Tyr Lys
1 5 10

<210> 6547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6547
Gly Ser Phe Ala Thr Val Tyr Lys Gly Lys
1 5 10

<210> 6548
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6548
Ser Phe Ala Thr Val Tyr Lys Gly Lys Trp
1 5 10

<210> 6549
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6549
Gly Gln Arg Ile Gly Ser Gly Ser Phe Ala
1 5 10

<210> 6550
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6550
Ile Gly Ser Gly Ser Phe Ala Thr Val Tyr
1 5 10

<210> 6551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6551
Ser Gly Ser Phe Val Thr Val Tyr Lys
1 5

<210> 6552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6552
Ser Phe Val Thr Val Tyr Lys Gly Lys
1 5

<210> 6553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6553
Gly Ser Gly Ser Phe Val Thr Val Tyr
1 5

<210> 6554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6554
Arg Ile Gly Ser Gly Ser Phe Val Thr Val
1 5 10

<210> 6555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6555
Gly Ser Gly Ser Phe Val Thr Val Tyr Lys
1 5 10

<210> 6556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6556
Gly Ser Phe Val Thr Val Tyr Lys Gly Lys
1 5 10

<210> 6557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6557
Ser Phe Val Thr Val Tyr Lys Gly Lys Trp
1 5 10

<210> 6558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6558
Gly Gln Arg Ile Gly Ser Gly Ser Phe Val
1 5 10

<210> 6559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6559
Ile Gly Ser Gly Ser Phe Val Thr Val Tyr
1 5 10

<210> 6560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6560
Ala Thr Lys Lys Ser Arg Trp Ser Gly
1 5

<210> 6561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6561
Lys Lys Ser Arg Trp Ser Gly Ser His
1 5

<210> 6562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6562
Ala Thr Lys Lys Ser Arg Trp Ser Gly Ser
1 5 10

<210> 6563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6563
Asp Phe Gly Leu Ala Thr Lys Lys Ser Arg
1 5 10

<210> 6564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6564
Phe Gly Leu Ala Thr Lys Lys Ser Arg Trp
1 5 10

<210> 6565
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6565
Asp Phe Gly Leu Ala Thr Glu Lys Ser Arg
1 5 10

<210> 6566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6566
Phe Gly Leu Ala Thr Glu Lys Ser Arg Trp
1 5 10

<210> 6567
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6567
Val Glu Ser Arg Trp Ser Gly Ser His
1 5

<210> 6568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6568
Asp Phe Gly Leu Ala Thr Val Glu Ser Arg
1 5 10

<210> 6569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6569
Glu Ser Arg Trp Ser Gly Ser His Gln Phe
1 5 10

<210> 6570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6570
Phe Gly Leu Ala Thr Val Glu Ser Arg Trp
1 5 10

<210> 6571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6571
Gly Leu Ala Thr Val Asn Ser Arg Trp
1 5

<210> 6572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6572
Asp Phe Gly Leu Ala Thr Val Asn Ser Arg
1 5 10

<210> 6573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6573

Asn Ser Arg Trp Ser Gly Ser His Gln Phe
1 5 10

<210> 6574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6574
Phe Gly Leu Ala Thr Val Asn Ser Arg Trp
1 5 10

<210> 6575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6575
Arg Gly Arg Asn Gln Ile Glu Pro Ala
1 5

<210> 6576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6576
Glu Thr Pro Val Arg Leu Ala Leu Leu
1 5

<210> 6577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6577
Arg Pro Gln Asp Gln Pro Ala Ala Val
1 5

<210> 6578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6578
Leu Pro Ala Arg Gly Arg Asn Gln Ile
1 5

<210> 6579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6579
Ala Glu Cys Gly Gly Glu Asp Ala Leu
1 5

<210> 6580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6580
Leu Glu Thr Pro Val Arg Leu Ala Leu
1 5

<210> 6581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6581
Gly Glu Asp Ala Leu Glu Thr Pro Val
1 5

<210> 6582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6582
Leu Leu Pro Ala Arg Gly Arg Asn Gln Ile
1 5 10

<210> 6583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6583
Pro Val Arg Leu Ala Leu Leu Pro Ala Arg
1 5 10

<210> 6584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6584
Arg Leu Ala Leu Leu Pro Ala Arg Gly Arg
1 5 10

<210> 6585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6585
Thr Pro Val Arg Leu Ala Leu Leu Pro Ala
1 5 10

<210> 6586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6586
Gln Gln Ala Arg Pro Gln Asp Gln Pro Ala
1 5 10

<210> 6587
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6587
Ala Leu Glu Thr Pro Val Arg Leu Ala Leu
1 5 10

<210> 6588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6588
Leu Glu Thr Pro Val Arg Leu Ala Leu Leu
1 5 10

<210> 6589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6589
Arg Asn Trp Asp Gly Ser Leu Leu Tyr
1 5

<210> 6590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6590
Lys Met Gly Tyr Leu Lys Arg Asn Trp

1 5

<210> 6591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6591
Leu Lys Arg Asn Trp Asp Gly Ser Leu
1 5

<210> 6592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6592
Lys Arg Asn Trp Asp Gly Ser Leu Leu
1 5

<210> 6593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6593
Trp Asp Gly Ser Leu Leu Tyr Ser Val
1 5

<210> 6594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6594
Tyr Leu Lys Arg Asn Trp Asp Gly Ser Leu
1 5 10

<210> 6595

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6595
Lys Arg Asn Trp Asp Gly Ser Leu Leu Tyr
1 5 10

<210> 6596
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6596
Gly Lys Met Gly Tyr Leu Lys Arg Asn Trp
1 5 10

<210> 6597
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6597
Leu Lys Arg Asn Trp Asp Gly Ser Leu Leu
1 5 10

<210> 6598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6598
Trp Asp Gly Ser Leu Leu Tyr Ser Val Val
1 5 10

<210> 6599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6599
Ile Leu Asn Glu Ser Glu Ala Arg Leu
1 5

<210> 6600
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6600
Arg Leu Lys Ala Glu Leu Trp Met Arg
1 5

<210> 6601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6601
Ser Glu Ala Arg Leu Lys Ala Glu Leu
1 5

<210> 6602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6602
Ala Arg Leu Lys Ala Glu Leu Trp Met
1 5

<210> 6603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6603
Asn Glu Ser Glu Ala Arg Leu Lys Ala
1 5

<210> 6604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6604
Tyr Ile Leu Asn Glu Ser Glu Ala Arg Leu
1 5 10

<210> 6605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6605
Ile Leu Asn Glu Ser Glu Ala Arg Leu Lys
1 5 10

<210> 6606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6606
Ser Glu Ala Arg Leu Lys Ala Glu Leu Trp
1 5 10

<210> 6607
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6607
Ala Arg Val Thr Gln Gly Glu Thr Leu
1 5

<210> 6608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6608
Ile Glu Ala Arg Val Thr Gln Gly Glu Thr
1 5 10

<210> 6609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6609
Trp Gln Gly Ser Thr Arg Ala Ser Val
1 5

<210> 6610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6610
Ser Gly Ala Ser Arg Phe Ala Phe Arg
1 5

<210> 6611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6611
Ala Ser Arg Phe Ala Phe Arg Trp Gln
1 5

<210> 6612
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6612
Ala Phe Arg Trp Gln Gly Ser Thr Arg
1 5

<210> 6613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6613
Gly Gly Cys Ser Gly Ala Ser Arg Phe
1 5

<210> 6614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6614
Cys Ser Gly Ala Ser Arg Phe Ala Phe
1 5

<210> 6615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6615
Phe Ala Phe Arg Trp Gln Gly Ser Thr
1 5

<210> 6616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6616
Phe Arg Trp Gln Gly Ser Thr Arg Ala
1 5

<210> 6617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6617
Gly Ala Ser Arg Phe Ala Phe Arg Trp
1 5

<210> 6618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6618
Cys Ser Gly Ala Ser Arg Phe Ala Phe Arg
1 5 10

<210> 6619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6619
Phe Ala Phe Arg Trp Gln Gly Ser Thr Arg
1 5 10

<210> 6620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6620
Ala Ser Arg Phe Ala Phe Arg Trp Gln Gly
1 5 10

<210> 6621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6621
Arg Phe Ala Phe Arg Trp Gln Gly Ser Thr
1 5 10

<210> 6622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6622
Ala Phe Arg Trp Gln Gly Ser Thr Arg Ala
1 5 10

<210> 6623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6623
Arg Trp Gln Gly Ser Thr Arg Ala Ser Val
1 5 10

<210> 6624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6624
Leu Gly Gly Cys Ser Gly Ala Ser Arg Phe
1 5 10

<210> 6625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6625
Gly Cys Ser Gly Ala Ser Arg Phe Ala Phe
1 5 10

<210> 6626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6626
Ser Gly Ala Ser Arg Phe Ala Phe Arg Trp
1 5 10

<210> 6627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6627
Phe Arg Trp Gln Gly Ser Thr Arg Ala Ser
1 5 10

<210> 6628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6628
Trp Gln Gly Ser Thr Arg Ala Ser Val Trp
1 5 10

<210> 6629
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6629
Gly Cys Gln Ser Arg Pro Ala Asn Lys
1 5

<210> 6630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6630
Lys His Lys Lys Lys Gly Cys Gln Ser Arg
1 5 10

<210> 6631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6631
Lys Gly Cys Gln Ser Arg Pro Ala Asn Lys
1 5 10

<210> 6632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6632
Asn Tyr Val Glu Ser Asn Trp Arg Lys
1 5

<210> 6633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6633
Ala Thr Asn Tyr Val Glu Ser Asn Trp Arg
1 5 10

<210> 6634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6634
Arg Lys Gln Cys Lys Glu Leu Val Asn Leu
1 5 10

<210> 6635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6635
Arg Ser Leu Cys Arg Thr Gln Arg Lys
1 5

<210> 6636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6636
Cys Gly Arg Ser Leu Cys Arg Thr Gln Arg
1 5 10

<210> 6637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6637

Arg Ser Leu Cys Arg Thr Gln Arg Lys Arg
1 5 10

<210> 6638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6638
Cys Ser Arg Phe Gly Asn Ile Phe Pro
1 5

<210> 6639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6639
Arg Phe Gly Asn Ile Phe Pro Ser Ser
1 5

<210> 6640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6640
Gly Asn Ile Phe Pro Ser Ser Ala Tyr
1 5

<210> 6641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6641
Gly Cys Ser Arg Phe Gly Asn Ile Phe
1 5

<210> 6642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6642
Ser Arg Phe Gly Asn Ile Phe Pro Ser
1 5

<210> 6643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6643
Cys Ser Arg Phe Gly Asn Ile Phe Pro Ser
1 5 10

<210> 6644
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6644
Arg Phe Gly Asn Ile Phe Pro Ser Ser Ala
1 5 10

<210> 6645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6645
Phe Gly Asn Ile Phe Pro Ser Ser Ala Tyr
1 5 10

<210> 6646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6646
Thr Gly Cys Ser Arg Phe Gly Asn Ile Phe
1 5 10

<210> 6647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6647
Arg Ala Arg Trp Arg Ala Glu Gly Thr
1 5

<210> 6648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6648
Arg Trp Arg Ala Glu Gly Thr Ser Ala
1 5

<210> 6649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6649
Trp Arg Ala Glu Gly Thr Ser Ala His
1 5

<210> 6650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6650
Arg Ala Glu Gly Thr Ser Ala His Leu
1 5

<210> 6651
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6651
Gly Ala Arg Ala Arg Trp Arg Ala Glu Gly
1 5 10

<210> 6652
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6652
Arg Ala Arg Trp Arg Ala Glu Gly Thr Ser
1 5 10

<210> 6653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6653
Arg Trp Arg Ala Glu Gly Thr Ser Ala His
1 5 10

<210> 6654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6654
Ala Arg Trp Arg Ala Glu Gly Thr Ser Ala

1 5 10

<210> 6655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6655
Trp Arg Ala Glu Gly Thr Ser Ala His Leu
1 5 10

<210> 6656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6656
Cys Thr Ala His Lys Trp Asn Gly Lys
1 5

<210> 6657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6657
Lys Thr Pro Thr Trp Ser Leu Pro Lys
1 5

<210> 6658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6658
Phe Ala Ile Ser Cys Thr Ala His Lys
1 5

<210> 6659

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6659
Lys Trp Asn Gly Lys Thr Pro Thr Trp
1 5

<210> 6660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6660
Arg Gly His Cys Thr Gly Ser Pro Arg
1 5

<210> 6661
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6661
Thr Ser Arg Trp Lys Gly Pro Ser Ser
1 5

<210> 6662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6662
Trp Ser Leu Pro Lys Ser Thr Ser Arg
1 5

<210> 6663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6663
Ser Pro Arg Pro Cys Thr Pro Phe Ala
1 5

<210> 6664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6664
Asn Gly Lys Thr Pro Thr Trp Ser Leu
1 5

<210> 6665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6665
Lys His His Gly Asn Gly Thr Pro Cys
1 5

<210> 6666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6666
Gly Ser Pro Arg Pro Cys Thr Pro Phe
1 5

<210> 6667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6667
His Lys Trp Asn Gly Lys Thr Pro Thr
1 5

<210> 6668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6668
Thr Pro Phe Ala Ile Ser Cys Thr Ala
1 5

<210> 6669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6669
Ser Leu Pro Lys Ser Thr Ser Arg Trp Lys
1 5 10

<210> 6670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6670
Arg Trp Lys Gly Pro Ser Ser Cys Cys Arg
1 5 10

<210> 6671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6671
Thr Trp Ser Leu Pro Lys Ser Thr Ser Arg
1 5 10

<210> 6672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6672
Cys Thr Pro Phe Ala Ile Ser Cys Thr Ala
1 5 10

<210> 6673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6673
Ser Pro Arg Pro Cys Thr Pro Phe Ala Ile
1 5 10

<210> 6674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6674
Ala Lys His His Gly Asn Gly Thr Pro Cys
1 5 10

<210> 6675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6675
Thr Gly Ser Pro Arg Pro Cys Thr Pro Phe
1 5 10

<210> 6676
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6676
Phe Ala Ile Ser Cys Thr Ala His Lys Trp
1 5 10

<210> 6677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6677
His Lys Trp Asn Gly Lys Thr Pro Thr Trp
1 5 10

<210> 6678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6678
Trp Ser Leu Pro Lys Ser Thr Ser Arg Trp
1 5 10

<210> 6679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6679
Thr Pro Phe Ala Ile Ser Cys Thr Ala His
1 5 10

<210> 6680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6680
Lys Leu Asp Val Val Ala Ile Glu Ala
1 5

<210> 6681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6681
Val Val Ala Ile Glu Ala Lys Phe Lys
1 5

<210> 6682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6682
Ala Ser Arg Lys Leu Asp Val Val Ala
1 5

<210> 6683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6683
Lys Leu Asp Val Val Ala Ile Glu Ala Lys
1 5 10

<210> 6684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6684
Ala Ser Arg Lys Leu Asp Val Val Ala Ile
1 5 10

<210> 6685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6685
Asp Val Val Ala Ile Glu Ala Lys Phe Lys
1 5 10

<210> 6686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6686
Arg Lys Leu Asp Val Val Ala Ile Glu Ala
1 5 10

<210> 6687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6687
Leu Asp Val Val Ala Ile Glu Ala Lys Phe
1 5 10

<210> 6688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6688
Val Pro Arg Ser Cys Ser Gly Pro Ala
1 5

<210> 6689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6689
Val Pro Arg Ser Cys Ser Gly Pro Ala Ser
1 5 10

<210> 6690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6690
Met Thr Leu Asp Val Phe Tyr Glu Leu
1 5

<210> 6691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6691
Gln Val Met Thr Leu Asp Val Phe Tyr
1 5

<210> 6692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6692
Ser Gln Val Met Thr Leu Asp Val Phe
1 5

<210> 6693
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6693
Glu Glu Phe Ser Gln Val Met Thr Leu
1 5

<210> 6694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6694
Val Met Thr Leu Asp Val Phe Tyr Glu Leu
1 5 10

<210> 6695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6695
Thr Leu Asp Val Phe Tyr Glu Leu Ser Lys
1 5 10

<210> 6696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6696
Phe Ser Gln Val Met Thr Leu Asp Val Phe
1 5 10

<210> 6697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6697
Ser Gln Val Met Thr Leu Asp Val Phe Tyr
1 5 10

<210> 6698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6698
Met Thr Leu Asp Val Phe Tyr Glu Leu Ser
1 5 10

<210> 6699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6699
Cys Glu Glu Phe Ser Gln Val Met Thr Leu
1 5 10

<210> 6700
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6700
Arg Thr Lys Gly Phe Thr Ser Glu Arg
1 5

<210> 6701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6701

Phe Leu Arg Thr Lys Gly Phe Thr Ser
1 5

<210> 6702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6702
Ser Lys Phe Leu Arg Thr Lys Gly Phe
1 5

<210> 6703
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6703
Lys Gly Phe Thr Ser Glu Arg Gln Leu
1 5

<210> 6704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6704
Phe Leu Arg Thr Lys Gly Phe Thr Ser Glu
1 5 10

<210> 6705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6705
Phe Thr Ser Glu Arg Gln Leu Gln Thr Phe
1 5 10

<210> 6706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6706
Ile Ser Lys Phe Leu Arg Thr Lys Gly Phe
1 5 10

<210> 6707
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6707
Lys Leu Glu Asp Arg Lys Thr Ser Trp
1 5

<210> 6708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6708
Lys Leu Glu Asp Arg Lys Thr Ser Trp Lys
1 5 10

<210> 6709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6709
Thr Thr Cys Val Lys Leu Glu Asp Arg Lys
1 5 10

<210> 6710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6710
Val Lys Leu Glu Asp Arg Lys Thr Ser Trp
1 5 10

<210> 6711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6711
Phe Ser Leu Pro Ala Ser Phe Leu Leu
1 5

<210> 6712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6712
Ser Leu Pro Ala Ser Phe Leu Leu Leu
1 5

<210> 6713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6713
Ser Phe Leu Leu Leu Leu Leu Leu Leu
1 5

<210> 6714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6714
Leu Pro Ala Ser Phe Leu Leu Leu Leu
1 5

<210> 6715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6715
Leu His Phe Ser Leu Pro Ala Ser Phe
1 5

<210> 6716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6716
Ala Ser Phe Leu Leu Leu Leu Leu Leu
1 5

<210> 6717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6717
Phe Ser Leu Pro Ala Ser Phe Leu Leu Leu
1 5 10

<210> 6718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6718
Ser Leu Pro Ala Ser Phe Leu Leu Leu Leu

1 5 10

<210> 6719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6719
His Phe Ser Leu Pro Ala Ser Phe Leu Leu
1 5 10

<210> 6720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6720
Ser Phe Leu Leu Leu Leu Leu Leu Leu Leu
1 5 10

<210> 6721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6721
Ala Leu His Phe Ser Leu Pro Ala Ser Phe
1 5 10

<210> 6722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6722
Leu Pro Ala Ser Phe Leu Leu Leu Leu Leu
1 5 10

<210> 6723

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6723
Leu His Phe Ser Leu Pro Ala Ser Phe Leu
1 5 10

<210> 6724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6724
Ala Ser Phe Leu Leu Leu Leu Leu Leu Leu
1 5 10

<210> 6725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6725
Ala Leu Gly Ser Asn Leu His Val Lys
1 5

<210> 6726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6726
Gly Ser Asn Leu His Val Lys Val Lys
1 5

<210> 6727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6727
Asn Leu His Val Lys Val Lys Gly Tyr
1 5

<210> 6728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6728
Ala Leu Gly Ser Asn Leu His Val Lys Val
1 5 10

<210> 6729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6729
Ala Ala Leu Gly Ser Asn Leu His Val Lys
1 5 10

<210> 6730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6730
Met Ala Ser Pro Thr Asp Met Thr Leu
1 5

<210> 6731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6731
Trp Asp Met Ala Ser Pro Thr Asp Met
1 5

<210> 6732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6732
Met Ala Ser Pro Thr Asp Met Thr Leu Arg
1 5 10

<210> 6733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6733
Met Thr Leu Arg Arg Val Leu Val Gly His
1 5 10

<210> 6734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6734
Asp Met Ala Ser Pro Thr Asp Met Thr Leu
1 5 10

<210> 6735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6735
Ser Pro Thr Asp Met Thr Leu Arg Arg Val
1 5 10

<210> 6736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6736
Lys Asn Lys Pro Pro Asp Trp Asn Ala
1 5

<210> 6737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6737
Trp Asn Ala Pro Pro Asn Ser Phe Tyr
1 5

<210> 6738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6738
Tyr Leu Phe Lys Asn Lys Pro Pro Asp Trp
1 5 10

<210> 6739
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6739
Asp Trp Asn Ala Pro Pro Asn Ser Phe Tyr
1 5 10

<210> 6740
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6740
Trp Asn Ala Pro Pro Asn Ser Phe Tyr Arg
1 5 10

<210> 6741
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6741
Lys Leu Phe Val Arg Ile Leu Asn Ala
1 5

<210> 6742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6742
Leu Trp Asn Lys Leu Phe Val Arg Ile
1 5

<210> 6743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6743
Glu Leu Trp Asn Lys Leu Phe Val Arg
1 5

<210> 6744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6744
Gly Glu Leu Trp Asn Lys Leu Phe Val
1 5

<210> 6745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6745
Ser Gln Gln Gln Trp Ala Pro Gly Leu
1 5

<210> 6746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6746
His Thr Gly Glu Gly Trp Pro Pro Arg
1 5

<210> 6747
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6747
Gln Gln Gln Trp Ala Pro Gly Leu Trp
1 5

<210> 6748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6748
Gln Trp Ala Pro Gly Leu Trp Thr Thr
1 5

<210> 6749
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6749
Ala Ser Arg Ser Pro Arg Thr Leu Gln
1 5

<210> 6750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6750
Ala Ala Ser Arg Ser Pro Arg Thr Leu
1 5

<210> 6751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6751
Leu Gln Pro Thr Ser Gln Gln Gln Trp
1 5

<210> 6752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6752
Gln Gln Trp Ala Pro Gly Leu Trp Thr
1 5

<210> 6753
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6753
Ser Gln Gln Gln Trp Ala Pro Gly Leu Trp
1 5 10

<210> 6754
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6754
Ala Ser Arg Ser Pro Arg Thr Leu Gln Pro
1 5 10

<210> 6755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6755
Thr Leu Gln Pro Thr Ser Gln Gln Gln Trp
1 5 10

<210> 6756
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6756
Gln Gln Trp Ala Pro Gly Leu Trp Thr Thr
1 5 10

<210> 6757
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6757
Thr Leu Ala Tyr Gln His Leu Pro Ile
1 5

<210> 6758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6758
His Leu Pro Ile Arg Ile Phe Val Ala
1 5

<210> 6759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6759
Ala Tyr Gln His Leu Pro Ile Arg Ile
1 5

<210> 6760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6760
Leu Ala Tyr Gln His Leu Pro Ile Arg
1 5

<210> 6761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6761
Leu Pro Ile Arg Ile Phe Val Ala Leu
1 5

<210> 6762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6762
Tyr Gln His Leu Pro Ile Arg Ile Phe
1 5

<210> 6763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6763
Tyr Gln His Leu Pro Ile Arg Ile Phe Val
1 5 10

<210> 6764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6764
His Leu Pro Ile Arg Ile Phe Val Ala Leu
1 5 10

<210> 6765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6765

Ala Tyr Gln His Leu Pro Ile Arg Ile Phe
1 5 10

<210> 6766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6766
Ile Arg Ile Phe Val Ala Leu Phe Asp Tyr
1 5 10

<210> 6767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6767
Thr Leu Ala Tyr Gln His Leu Pro Ile Arg
1 5 10

<210> 6768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6768
Glu Thr Leu Ala Tyr Gln His Leu Pro Ile
1 5 10

<210> 6769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6769
Leu Pro Ile Arg Ile Phe Val Ala Leu Phe
1 5 10

<210> 6770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6770
Leu Ala Tyr Gln His Leu Pro Ile Arg Ile
1 5 10

<210> 6771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6771
Gln Ser Arg Pro Thr Ser Ser Ala Ala
1 5

<210> 6772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6772
Tyr Pro Gln Ser Arg Pro Thr Ser Ser
1 5

<210> 6773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6773
Tyr Pro Gln Ser Arg Pro Thr Ser Ser Ala
1 5 10

<210> 6774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6774
Ser Ser Ala Ala Gly Pro Gly Ala Cys Met
1 5 10

<210> 6775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6775
Phe Glu Gly Cys Gln Pro Pro Thr Val
1 5

<210> 6776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6776
Gly Asp Leu Gln Gly Leu Gln Ala Ala
1 5

<210> 6777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6777
Ser Pro Asn Ser Gly Asp Leu Gln Gly Leu
1 5 10

<210> 6778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6778
Gly Asp Leu Gln Gly Leu Gln Ala Ala Trp
1 5 10

<210> 6779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6779
Ser Ala Leu Pro Gly Pro Trp Phe Leu
1 5

<210> 6780
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6780
Ala Leu Pro Gly Pro Trp Phe Leu Ala
1 5

<210> 6781
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6781
Phe Leu Ala Ser Gln His Cys Pro Cys
1 5

<210> 6782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6782
Ala Leu Ala Pro Ala Arg Cys Pro Leu

1 5

<210> 6783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6783
Thr Leu Ala Ser Pro Gly Ser Ala Leu
1 5

<210> 6784
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6784
Ala Ser Ala Pro His Ser Ser Pro Ile
1 5

<210> 6785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6785
Ala Thr Leu Ala Ser Pro Gly Ser Ala
1 5

<210> 6786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6786
His Ser Ser Pro Ile Ala Thr Leu Ala
1 5

<210> 6787

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6787
Ala Pro His Ser Ser Pro Ile Ala Thr
1 5

<210> 6788
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6788
Ala Glu Trp Asn Asp Gln Thr Gly Ala
1 5

<210> 6789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6789
Arg Asp Ser Pro Ala Ser Ala Pro His
1 5

<210> 6790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6790
Gly Ser Ala Leu Pro Gly Pro Trp Phe
1 5

<210> 6791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6791
His Pro Gln Cys Pro Asp Ala Glu Trp
1 5

<210> 6792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6792
Leu Pro Gly Pro Trp Phe Leu Ala Ser
1 5

<210> 6793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6793
Cys Pro Asp Thr Ala Leu Ala Pro Ala
1 5

<210> 6794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6794
Ala Ser Ala Pro His Ser Ser Pro Ile Ala
1 5 10

<210> 6795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6795
Ala Thr Leu Ala Ser Pro Gly Ser Ala Leu
1 5 10

<210> 6796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6796
Ser Ala Leu Pro Gly Pro Trp Phe Leu Ala
1 5 10

<210> 6797
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6797
Leu Ala Pro Ala Arg Cys Pro Leu Pro Arg
1 5 10

<210> 6798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6798
Ala Pro His Ser Ser Pro Ile Ala Thr Leu
1 5 10

<210> 6799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6799
Thr Ala Leu Ala Pro Ala Arg Cys Pro Leu
1 5 10

<210> 6800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6800
Arg Lys His Ser Glu Ser Pro Pro Gln His
1 5 10

<210> 6801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6801
Ala Glu Trp Asn Asp Gln Thr Gly Ala Trp
1 5 10

<210> 6802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6802
Ser Gln His Cys Pro Cys Pro Asp Thr Ala
1 5 10

<210> 6803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6803
Ser Pro Ile Ala Thr Leu Ala Ser Pro Gly
1 5 10

<210> 6804
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6804
Ser Pro Gly Ser Ala Leu Pro Gly Pro Trp
1 5 10

<210> 6805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6805
Thr Ile Thr Ser Trp Val Ser Pro Val
1 5

<210> 6806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6806
Trp Val Ser Pro Val Phe Asp Thr Ala
1 5

<210> 6807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6807
Ile Thr Ser Trp Val Ser Pro Val Phe
1 5

<210> 6808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6808
Ser Pro Val Phe Asp Thr Ala Ala Gly
1 5

<210> 6809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6809
Ser Thr Ile Thr Ser Trp Val Ser Pro Val
1 5 10

<210> 6810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6810
Trp Val Ser Pro Val Phe Asp Thr Ala Ala
1 5 10

<210> 6811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6811
Val Phe Asp Thr Ala Ala Gly Ser Leu Phe
1 5 10

<210> 6812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6812
Thr Ile Thr Ser Trp Val Ser Pro Val Phe
1 5 10

<210> 6813
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6813
Leu Val Asp Asn Gln Ile Asn Ser Tyr
1 5

<210> 6814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6814
Asn Gln Ile Asn Ser Tyr Ser Gly Ile
1 5

<210> 6815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6815
Gln Ile Asn Ser Tyr Ser Gly Ile Lys
1 5

<210> 6816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6816
Gly Leu Val Leu Leu Val Asp Asn Gln Ile
1 5 10

<210> 6817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6817
Leu Leu Val Asp Asn Gln Ile Asn Ser Tyr
1 5 10

<210> 6818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6818
Gln Ile Asn Ser Tyr Ser Gly Ile Lys Arg
1 5 10

<210> 6819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6819
Arg Cys Arg Gln Ala Ala Met Pro Ala
1 5

<210> 6820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6820
Gln Ala Ala Met Pro Ala Trp Gly Leu
1 5

<210> 6821
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6821
Leu Glu Arg Cys Arg Gln Ala Ala Met
1 5

<210> 6822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6822
Cys Arg Gln Ala Ala Met Pro Ala Trp
1 5

<210> 6823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6823
Arg Gln Ala Ala Met Pro Ala Trp Gly
1 5

<210> 6824
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6824
Glu Glu Leu Glu Arg Cys Arg Gln Ala
1 5

<210> 6825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6825
Arg Gln Ala Ala Met Pro Ala Trp Gly Leu
1 5 10

<210> 6826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6826
Glu Leu Glu Arg Cys Arg Gln Ala Ala Met
1 5 10

<210> 6827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6827
Arg Cys Arg Gln Ala Ala Met Pro Ala Trp
1 5 10

<210> 6828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6828
Glu Glu Leu Glu Arg Cys Arg Gln Ala Ala
1 5 10

<210> 6829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6829

Ala Glu Glu Leu Glu Arg Cys Arg Gln Ala
1 5 10

<210> 6830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6830
Lys Gln Glu Arg Lys Thr Arg Ala Lys
1 5

<210> 6831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6831
Lys Thr Arg Ala Lys Glu Thr Leu Glu
1 5

<210> 6832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6832
Arg Lys Thr Arg Ala Lys Glu Thr Leu
1 5

<210> 6833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6833
Lys Thr Arg Ala Lys Glu Thr Leu Glu Lys
1 5 10

<210> 6834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6834
Glu Arg Lys Thr Arg Ala Lys Glu Thr Leu
1 5 10

<210> 6835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6835
Ser Thr Ala Ser Ala Ala Thr Ser Arg
1 5

<210> 6836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6836
Ser Thr Gly Ser Ser Thr Ala Ser Ala
1 5

<210> 6837
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6837
Ala Ser Ala Ala Thr Ser Arg Gly Met
1 5

<210> 6838
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6838
Ser Ala Ala Thr Ser Arg Gly Met Trp
1 5

<210> 6839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6839
Gly Glu Pro Ala Ala Ala Arg Gly Ala
1 5

<210> 6840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6840
Ser Ser Thr Ala Ser Ala Ala Thr Ser Arg
1 5 10

<210> 6841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6841
Ala Ala Arg Gly Ala Ser Thr Ser Ser Val
1 5 10

<210> 6842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6842
Ser Thr Ser Ser Val Thr Ala Ser Cys Ala
1 5 10

<210> 6843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6843
Glu Pro Ala Ala Ala Arg Gly Ala Ser Thr
1 5 10

<210> 6844
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6844
Arg Gly Ala Ser Thr Ser Ser Val Thr Ala
1 5 10

<210> 6845
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6845
Thr Ala Ser Ala Ala Thr Ser Arg Gly Met
1 5 10

<210> 6846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6846
Ala Ser Ala Ala Thr Ser Arg Gly Met Trp

1 5 10

<210> 6847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6847
Lys Leu Ser Phe Asn Ile Gln Ala Leu
1 5

<210> 6848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6848
Arg Thr Lys Leu Ser Phe Asn Ile Gln
1 5

<210> 6849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6849
Thr Asn Met Arg Thr Lys Leu Ser Phe
1 5

<210> 6850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6850
Lys Leu Ser Phe Asn Ile Gln Ala Leu Ala
1 5 10

<210> 6851

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6851
Asn Met Arg Thr Lys Leu Ser Phe Asn Ile
1 5 10

<210> 6852
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6852
Leu Ser Gln Val Thr Asn Met Arg Thr Lys
1 5 10

<210> 6853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6853
Arg Thr Lys Leu Ser Phe Asn Ile Gln Ala
1 5 10

<210> 6854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6854
Ser Gln Val Thr Asn Met Arg Thr Lys Leu
1 5 10

<210> 6855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6855
Val Thr Asn Met Arg Thr Lys Leu Ser Phe
1 5 10

<210> 6856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6856
Thr Lys Leu Ser Phe Asn Ile Gln Ala Leu
1 5 10

<210> 6857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6857
Asn Leu Pro Glu Ala Leu Glu Ala Val
1 5

<210> 6858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6858
Ile Met Leu Gln Leu Ile Leu Asp Ile
1 5

<210> 6859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6859
Met Leu Gln Leu Ile Leu Asp Ile Ala
1 5

<210> 6860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6860
Ile Leu Asp Ile Ala Leu Phe Gly Leu
1 5

<210> 6861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6861
Arg Ile Lys Glu Ile Met Leu Gln Leu
1 5

<210> 6862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6862
Gly Leu Arg Gln Thr Pro Ile Leu Lys
1 5

<210> 6863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6863
Ala Leu Phe Gly Leu Arg Thr Phe Arg
1 5

<210> 6864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6864
Lys Gly Ser Ile Ser Ile Ile Arg Lys
1 5

<210> 6865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6865
Ile Ala Leu Phe Gly Leu Arg Thr Phe
1 5

<210> 6866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6866
Leu Phe Gly Leu Arg Thr Phe Arg Leu
1 5

<210> 6867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6867
Ile Ile Arg Lys Gln Arg Gly Ser Met
1 5

<210> 6868
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6868
Lys Gln Arg Gly Ser Met Gly Arg Arg
1 5

<210> 6869
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6869
Arg Gly Ser Met Gly Arg Arg Val Ala
1 5

<210> 6870
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6870
Gly Ser Met Gly Arg Arg Val Ala Ala
1 5

<210> 6871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6871
Met Gly Arg Arg Val Ala Ala Gly Leu
1 5

<210> 6872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6872
Ala Val Lys Arg Asn Leu Arg Asn Arg
1 5

<210> 6873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6873
Lys Arg Asn Leu Arg Asn Arg Ile Lys
1 5

<210> 6874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6874
Arg Asn Arg Ile Lys Glu Ile Met Leu
1 5

<210> 6875
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6875
Ser Ile Ser Ile Ile Arg Lys Gln Arg
1 5

<210> 6876
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6876
Thr Pro Ile Leu Lys Arg Thr Asn Leu
1 5

<210> 6877
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6877
Ser Met Gly Arg Arg Val Ala Ala Gly
1 5

<210> 6878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6878
Asn Leu Arg Asn Arg Ile Lys Glu Ile
1 5

<210> 6879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6879
Gln Leu Ile Leu Asp Ile Ala Leu Phe
1 5

<210> 6880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6880
Lys Lys Lys Lys Gly Ser Ile Ser Ile
1 5

<210> 6881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6881
Lys Lys Lys Gly Ser Ile Ser Ile Ile
1 5

<210> 6882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6882
Lys Arg Thr Asn Leu Pro Glu Ala Leu
1 5

<210> 6883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6883
Leu Arg Asn Arg Ile Lys Glu Ile Met
1 5

<210> 6884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6884
Lys Glu Ile Met Leu Gln Leu Ile Leu
1 5

<210> 6885
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6885
Leu Gln Leu Ile Leu Asp Ile Ala Leu
1 5

<210> 6886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6886
Ser Met Gly Arg Arg Val Ala Ala Gly Leu
1 5 10

<210> 6887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6887
Ile Met Leu Gln Leu Ile Leu Asp Ile Ala
1 5 10

<210> 6888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6888
Met Leu Gln Leu Ile Leu Asp Ile Ala Leu
1 5 10

<210> 6889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6889
Leu Ile Leu Asp Ile Ala Leu Phe Gly Leu
1 5 10

<210> 6890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6890
Ala Leu Phe Gly Leu Arg Thr Phe Arg Leu
1 5 10

<210> 6891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6891
Ile Leu Lys Arg Thr Asn Leu Pro Glu Ala
1 5 10

<210> 6892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6892
Arg Ile Lys Glu Ile Met Leu Gln Leu Ile
1 5 10

<210> 6893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6893

Ala Gly Leu Arg Gln Thr Pro Ile Leu Lys
1 5 10

<210> 6894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6894
Ile Ala Leu Phe Gly Leu Arg Thr Phe Arg
1 5 10

<210> 6895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6895
Lys Gln Arg Gly Ser Met Gly Arg Arg Val
1 5 10

<210> 6896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6896
Arg Gly Ser Met Gly Arg Arg Val Ala Ala
1 5 10

<210> 6897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6897
Met Gly Arg Arg Val Ala Ala Gly Leu Arg
1 5 10

<210> 6898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6898
Gly Leu Arg Gln Thr Pro Ile Leu Lys Arg
1 5 10

<210> 6899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6899
Arg Thr Asn Leu Pro Glu Ala Leu Glu Ala
1 5 10

<210> 6900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6900
Ala Val Lys Arg Asn Leu Arg Asn Arg Ile
1 5 10

<210> 6901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6901
Glu Ala Val Lys Arg Asn Leu Arg Asn Arg
1 5 10

<210> 6902
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6902
Glu Ile Met Leu Gln Leu Ile Leu Asp Ile
1 5 10

<210> 6903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6903
Ser Ile Ile Arg Lys Gln Arg Gly Ser Met
1 5 10

<210> 6904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6904
Asn Leu Arg Asn Arg Ile Lys Glu Ile Met
1 5 10

<210> 6905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6905
Leu Gln Leu Ile Leu Asp Ile Ala Leu Phe
1 5 10

<210> 6906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6906
Asp Ile Ala Leu Phe Gly Leu Arg Thr Phe
1 5 10

<210> 6907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6907
Lys Lys Lys Lys Gly Ser Ile Ser Ile Ile
1 5 10

<210> 6908
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6908
Arg Arg Val Ala Ala Gly Leu Arg Gln Thr
1 5 10

<210> 6909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6909
Val Ala Ala Gly Leu Arg Gln Thr Pro Ile
1 5 10

<210> 6910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6910
Leu Lys Arg Thr Asn Leu Pro Glu Ala Leu

1 5 10

<210> 6911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6911
Ile Lys Glu Ile Met Leu Gln Leu Ile Leu
1 5 10

<210> 6912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6912
Arg Ser Glu Thr Asp Thr Asn Ser Glu Lys
1 5 10

<210> 6913
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6913
Ile Ile Lys Arg His Pro Pro Gln Ile
1 5

<210> 6914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6914
Ile Lys Arg His Pro Pro Gln Ile Leu
1 5

<210> 6915

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6915
Ser Ile Ile Lys Arg His Pro Pro Gln Ile
1 5 10

<210> 6916
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6916
Ile Ile Lys Arg His Pro Pro Gln Ile Leu
1 5 10

<210> 6917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6917
Lys Arg His Pro Pro Gln Ile Leu Gln Lys
1 5 10

<210> 6918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6918
Glu Ile Met Asp Ser Gly Leu Asp Lys
1 5

<210> 6919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6919
Ile Met Asp Ser Gly Leu Asp Lys Phe
1 5

<210> 6920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6920
Glu Ile Met Asp Ser Gly Leu Asp Lys Phe
1 5 10

<210> 6921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6921
Ser Glu Val Glu Ile Met Asp Ser Gly Leu
1 5 10

<210> 6922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6922
Glu Gly Ser Trp Ile Pro Gln Ala Arg
1 5

<210> 6923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6923
Ser Trp Ile Pro Gln Ala Arg Ala Leu
1 5

<210> 6924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6924
Ala Glu Gly Ser Trp Ile Pro Gln Ala
1 5

<210> 6925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6925
Ser Trp Ile Pro Gln Ala Arg Ala Leu Leu
1 5 10

<210> 6926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6926
Gly Ser Trp Ile Pro Gln Ala Arg Ala Leu
1 5 10

<210> 6927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6927
Lys Leu Asp Leu Ser His Asn Gln Leu
1 5

<210> 6928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6928
Gln Leu Ser Asp Val Gly Gly Glu His Leu
1 5 10

<210> 6929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6929
Lys Lys Leu Asp Leu Ser His Asn Gln Leu
1 5 10

<210> 6930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6930
Ser Pro Val Ser Cys Asn His Gln Ile
1 5

<210> 6931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6931
Cys Gln Arg His Glu Glu Thr Ser Pro Val
1 5 10

<210> 6932
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6932
Ser Pro Val Ser Cys Asn His Gln Ile Met
1 5 10

<210> 6933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6933
Pro Tyr Pro Phe Pro Pro Thr Gln Ile
1 5

<210> 6934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6934
Met Ala Pro Tyr Pro Phe Pro Pro Thr
1 5

<210> 6935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6935
Ser Met Ala Pro Tyr Pro Phe Pro Pro Thr
1 5 10

<210> 6936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6936
Ala Pro Tyr Pro Phe Pro Pro Thr Gln Ile
1 5 10

<210> 6937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6937
Asn Ser Val Ile Gly Ala Ala Pro Leu
1 5

<210> 6938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6938
Lys Gly Gly Ser Tyr Asn Ser Val Ile
1 5

<210> 6939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6939
Gly Ser Tyr Asn Ser Val Ile Gly Ala Ala
1 5 10

<210> 6940
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6940
Tyr Asn Ser Val Ile Gly Ala Ala Pro Leu
1 5 10

<210> 6941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6941
Ser Leu Pro Ala Gln Ser Phe Arg Ala
1 5

<210> 6942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6942
Thr Ser Leu Pro Ala Gln Ser Phe Arg
1 5

<210> 6943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6943
Gln Ser Phe Arg Ala Pro Ala Thr Ala
1 5

<210> 6944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6944
Leu Pro Ala Gln Ser Phe Arg Ala Pro
1 5

<210> 6945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6945
Ser Thr Ser Leu Pro Ala Gln Ser Phe
1 5

<210> 6946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6946
Ala Gln Ser Phe Arg Ala Pro Ala Thr
1 5

<210> 6947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6947
Ser Thr Ser Leu Pro Ala Gln Ser Phe Arg
1 5 10

<210> 6948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6948
Ser Phe Arg Ala Pro Ala Thr Ala Ser Asn
1 5 10

<210> 6949
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6949
Leu Pro Ala Gln Ser Phe Arg Ala Pro Ala
1 5 10

<210> 6950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6950
Gly Ser Thr Ser Leu Pro Ala Gln Ser Phe
1 5 10

<210> 6951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6951
Ala Gln Ser Phe Arg Ala Pro Ala Thr Ala
1 5 10

<210> 6952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6952
Trp Gln Gln Lys Ser Asp Ser Ser Phe
1 5

<210> 6953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6953
Thr Leu Gly Ala Thr Asp Trp Gln Gln Lys
1 5 10

<210> 6954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6954
Trp Gln Gln Lys Ser Asp Ser Ser Phe Ile
1 5 10

<210> 6955
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6955
Thr Trp Leu Ser Thr Glu Cys Asp Phe
1 5

<210> 6956
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6956
Asp Phe His Pro Leu Pro Pro Ser Tyr
1 5

<210> 6957
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6957

Ser Thr Glu Cys Asp Phe His Pro Leu
1 5

<210> 6958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6958
Asp Phe His Pro Leu Pro Pro Ser Tyr Arg
1 5 10

<210> 6959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6959
Leu Ser Thr Glu Cys Asp Phe His Pro Leu
1 5 10

<210> 6960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6960
Cys Asp Phe His Pro Leu Pro Pro Ser Tyr
1 5 10

<210> 6961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6961
Ser Ile Asn Phe Asn Ile Ile Lys Ile
1 5

<210> 6962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6962
Thr Ser Ile Asn Phe Asn Ile Ile Lys
1 5

<210> 6963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6963
Ile Ser Thr Ser Ile Asn Phe Asn Ile
1 5

<210> 6964
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6964
Ser Thr Ser Ile Asn Phe Asn Ile Ile
1 5

<210> 6965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6965
Glu His Ile Ser Thr Ser Ile Asn Phe
1 5

<210> 6966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6966
Ile Asn Phe Asn Ile Ile Lys Ile Leu
1 5

<210> 6967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6967
His Ile Ser Thr Ser Ile Asn Phe Asn Ile
1 5 10

<210> 6968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6968
Ser Thr Ser Ile Asn Phe Asn Ile Ile Lys
1 5 10

<210> 6969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6969
Thr Ser Ile Asn Phe Asn Ile Ile Lys Ile
1 5 10

<210> 6970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 6970
Gln Glu His Ile Ser Thr Ser Ile Asn Phe
1 5 10

<210> 6971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6971
Ile Ser Thr Ser Ile Asn Phe Asn Ile Ile
1 5 10

<210> 6972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6972
Arg Gln Ala Glu Gln Gly Gly Trp Leu
1 5

<210> 6973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6973
Val Ala Cys Pro Val Ser Cys Pro Val
1 5

<210> 6974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6974
Pro Val Ala Cys Pro Val Ser Cys Pro Val

1 5 10

<210> 6975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6975
Cys Pro Val Ser Cys Pro Val Gly Ser Met
1 5 10

<210> 6976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6976
Arg Glu Pro Glu Ala Trp Gly Pro Tyr
1 5

<210> 6977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6977
Arg Thr Ile Arg Glu Pro Glu Ala Trp
1 5

<210> 6978
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6978
Glu Ala Trp Gly Pro Tyr Arg Arg His Arg
1 5 10

<210> 6979

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6979
Ile Arg Glu Pro Glu Ala Trp Gly Pro Tyr
1 5 10

<210> 6980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6980
Ile Val Tyr Glu Arg Ile Phe Ser Met
1 5

<210> 6981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6981
Thr Phe Gly Lys Ile Val Tyr Glu Arg
1 5

<210> 6982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6982
Asp Ile Leu Asp Thr Phe Gly Lys Ile
1 5

<210> 6983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6983
Leu Asp Thr Phe Gly Lys Ile Val Tyr
1 5

<210> 6984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6984
Gly Lys Ile Val Tyr Glu Arg Ile Phe
1 5

<210> 6985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6985
Ile Leu Asp Thr Phe Gly Lys Ile Val Tyr
1 5 10

<210> 6986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6986
Thr Phe Gly Lys Ile Val Tyr Glu Arg Ile
1 5 10

<210> 6987
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 6987
Lys Ile Val Tyr Glu Arg Ile Phe Ser Met
1 5 10

<210> 6988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6988
Asp Thr Phe Gly Lys Ile Val Tyr Glu Arg
1 5 10

<210> 6989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6989
Phe Gly Lys Ile Val Tyr Glu Arg Ile Phe
1 5 10

<210> 6990
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6990
Met Cys Val Ser Ser Ser Ser Ser His
1 5

<210> 6991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6991
Gln Met Cys Val Ser Ser Ser Ser Ser His
1 5 10

<210> 6992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6992
Lys Ile Ile Asn Gln Ile Leu Ile Leu
1 5

<210> 6993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6993
Asn Arg Lys Ile Ile Asn Gln Ile Leu
1 5

<210> 6994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6994
Arg Lys Ile Ile Asn Gln Ile Leu Ile
1 5

<210> 6995
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6995
Glu Ile Asn Arg Lys Ile Ile Asn Gln Ile
1 5 10

<210> 6996
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6996
Arg Lys Ile Ile Asn Gln Ile Leu Ile Leu
1 5 10

<210> 6997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6997
Ser Leu Gly Pro Gly Pro Gly Glu Val
1 5

<210> 6998
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6998
Val Ala Ala Arg Ser Pro Val Leu Arg
1 5

<210> 6999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 6999
Glu Val Ala Ala Arg Ser Pro Val Leu
1 5

<210> 7000
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7000
Gly Glu Val Ala Ala Arg Ser Pro Val
1 5

<210> 7001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7001
Glu Val Ala Ala Arg Ser Pro Val Leu Arg
1 5 10

<210> 7002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7002
Gly Glu Val Ala Ala Arg Ser Pro Val Leu
1 5 10

<210> 7003
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7003
Gly Val Arg Ala Ser Leu Trp Ala Ala
1 5

<210> 7004
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7004
Arg Ala Ser Leu Trp Ala Ala Leu Leu
1 5

<210> 7005
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7005
Val Arg Ala Ser Leu Trp Ala Ala Leu
1 5

<210> 7006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7006
Gly Val Arg Ala Ser Leu Trp Ala Ala Leu
1 5 10

<210> 7007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7007
Gly Trp Asn Gly Val Arg Ala Ser Leu Trp
1 5 10

<210> 7008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7008
Arg Ala Ser Leu Trp Ala Ala Leu Leu Leu
1 5 10

<210> 7009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7009
Gly Gly Trp Asn Gly Val Arg Ala Ser Leu
1 5 10

<210> 7010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7010
Val Arg Ala Ser Leu Trp Ala Ala Leu Leu
1 5 10

<210> 7011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7011
Cys Ala Val Pro Thr Trp Ala Ser Val
1 5

<210> 7012
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7012
Arg Glu Glu Asn Lys Val Cys Ala Val
1 5

<210> 7013
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7013
Asn Lys Val Cys Ala Val Pro Thr Trp
1 5

<210> 7014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7014
Glu Glu Asn Lys Val Cys Ala Val Pro Thr
1 5 10

<210> 7015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7015
Cys Val Ser Arg Gln Ala Cys Arg Tyr
1 5

<210> 7016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7016
Leu Gln Arg Phe Thr Phe Pro Ser Val
1 5

<210> 7017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7017
Ser Ser Ala Ser Thr Cys Val Ser Arg
1 5

<210> 7018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7018
Ser Gln Pro Leu Gln Arg Phe Thr Phe
1 5

<210> 7019
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7019
Thr Phe Pro Ser Val Thr Pro Gly Met
1 5

<210> 7020
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7020
Arg Gln Ala Cys Arg Tyr Pro Ser Ser
1 5

<210> 7021
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7021

Cys Thr Ser Ser Ala Ser Thr Cys Val
1 5

<210> 7022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7022
Phe Thr Phe Pro Ser Val Thr Pro Gly
1 5

<210> 7023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7023
Val Pro Pro Pro Cys Thr Ser Ser Ala
1 5

<210> 7024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7024
Cys Arg Tyr Pro Ser Ser Gln Pro Leu
1 5

<210> 7025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7025
Gly Glu Val Val Pro Pro Pro Cys Thr
1 5

<210> 7026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7026
Pro Leu Gln Arg Phe Thr Phe Pro Ser Val
1 5 10

<210> 7027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7027
Phe Thr Phe Pro Ser Val Thr Pro Gly Met
1 5 10

<210> 7028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7028
Thr Ser Ser Ala Ser Thr Cys Val Ser Arg
1 5 10

<210> 7029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7029
Ser Thr Cys Val Ser Arg Gln Ala Cys Arg
1 5 10

<210> 7030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7030
Ser Ser Gln Pro Leu Gln Arg Phe Thr Phe
1 5 10

<210> 7031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7031
Tyr Pro Ser Ser Gln Pro Leu Gln Arg Phe
1 5 10

<210> 7032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7032
Phe Pro Ser Val Thr Pro Gly Met Gln Ala
1 5 10

<210> 7033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7033
Arg Gln Ala Cys Arg Tyr Pro Ser Ser Gln
1 5 10

<210> 7034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7034
Leu Gln Arg Phe Thr Phe Pro Ser Val Thr
1 5 10

<210> 7035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7035
Asn Tyr Ile Leu Asn Thr Asp Ser Leu
1 5

<210> 7036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7036
Ser Glu Trp Lys Asp Thr Asn Tyr Ile
1 5

<210> 7037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7037
Ile Leu Asn Thr Asp Ser Leu Asp Trp
1 5

<210> 7038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7038
Ile Leu Asn Thr Asp Ser Leu Asp Trp Ala

1 5 10

<210> 7039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7039
Ser Glu Trp Lys Asp Thr Asn Tyr Ile Leu
1 5 10

<210> 7040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7040
Tyr Ile Leu Asn Thr Asp Ser Leu Asp Trp
1 5 10

<210> 7041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7041
Ala Leu Ser Ile Glu Ser Val Gly Leu
1 5

<210> 7042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7042
Ile Glu Ser Val Gly Leu Leu Pro Phe
1 5

<210> 7043

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7043
Leu Ser Ile Glu Ser Val Gly Leu Leu
1 5

<210> 7044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7044
Ala Leu Ser Ile Glu Ser Val Gly Leu Leu
1 5 10

<210> 7045
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7045
Glu Ala Leu Ser Ile Glu Ser Val Gly Leu
1 5 10

<210> 7046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7046
Ser Ile Glu Ser Val Gly Leu Leu Pro Phe
1 5 10

<210> 7047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7047
Gln Ser His Pro Pro Pro Arg Leu Leu Ala
1 5 10

<210> 7048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7048
Val Glu Gln Ser His Pro Pro Pro Arg Leu
1 5 10

<210> 7049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7049
Thr Ser Ser Ser Trp Ser Leu Leu Ile
1 5

<210> 7050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7050
Ile Leu Met Thr Thr Ser Lys Tyr Thr
1 5

<210> 7051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7051
Ser Met Pro Thr Gly Arg Thr Leu Ala
1 5

<210> 7052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7052
Gln Met Ser Arg Gly Thr Ala Gly Ala
1 5

<210> 7053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7053
Leu Leu Ile Leu Met Thr Thr Ser Lys
1 5

<210> 7054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7054
Thr Leu Ala Ser Ser Val Gly Ser Lys
1 5

<210> 7055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7055
Tyr Thr Ala Pro Met Thr Ser Tyr Arg
1 5

<210> 7056
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7056
Arg Ser Ser Ser Ala Pro Ser Pro Arg
1 5

<210> 7057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7057
Arg Ser Tyr Pro Leu Thr Cys Ala Ala
1 5

<210> 7058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7058
Thr Thr Ser Lys Tyr Thr Ala Pro Met
1 5

<210> 7059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7059
Met Thr Ser Tyr Arg Ser Met Pro Thr
1 5

<210> 7060
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7060
Ser Tyr Arg Ser Met Pro Thr Gly Arg
1 5

<210> 7061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7061
Arg Ser Met Pro Thr Gly Arg Thr Leu
1 5

<210> 7062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7062
Arg Thr Leu Ala Ser Ser Val Gly Ser
1 5

<210> 7063
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7063
Ser Ser Gln Met Ser Arg Gly Thr Ala
1 5

<210> 7064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7064
Ala Gly Ser Cys Ala Thr Pro Pro Arg
1 5

<210> 7065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7065
Ala Thr Pro Pro Arg Ser Ser Ser Ala
1 5

<210> 7066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7066
Leu Ile Leu Met Thr Thr Ser Lys Tyr
1 5

<210> 7067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7067
Lys Tyr Thr Ala Pro Met Thr Ser Tyr
1 5

<210> 7068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7068
Thr Thr Ala Ser Gly Trp Ser Gly Ala
1 5

<210> 7069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7069
Cys Thr Ser Ser Ser Trp Ser Leu Leu
1 5

<210> 7070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7070
Ser Thr Pro Ala Ala Met Leu Trp Ile
1 5

<210> 7071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7071
Tyr Pro Arg Ser Tyr Pro Leu Thr Cys
1 5

<210> 7072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7072
Ala Pro Met Thr Ser Tyr Arg Ser Met
1 5

<210> 7073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7073
Met Pro Thr Gly Arg Thr Leu Ala Ser
1 5

<210> 7074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7074
Leu Glu Tyr Pro Arg Ser Tyr Pro Leu
1 5

<210> 7075
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7075
Cys Ala Ala Thr Thr Ala Ser Gly Trp
1 5

<210> 7076
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7076
Ser Ser Ser Trp Ser Leu Leu Ile Leu
1 5

<210> 7077
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7077
Ser Ser Trp Ser Leu Leu Ile Leu Met
1 5

<210> 7078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7078
Leu Met Thr Thr Ser Lys Tyr Thr Ala
1 5

<210> 7079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7079
Ser Lys Tyr Thr Ala Pro Met Thr Ser
1 5

<210> 7080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7080
Leu Trp Ile Cys Cys Ser Ser Gln Met
1 5

<210> 7081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7081
Ser Gln Met Ser Arg Gly Thr Ala Gly
1 5

<210> 7082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7082
Tyr Pro Leu Thr Cys Ala Ala Thr Thr
1 5

<210> 7083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7083
Pro Pro Thr Ser Thr Pro Ala Ala Met
1 5

<210> 7084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7084
Thr Ser Thr Pro Ala Ala Met Leu Trp
1 5

<210> 7085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7085

Thr Pro Ala Ala Met Leu Trp Ile Cys
1 5

<210> 7086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7086
Cys Thr Ser Ser Ser Trp Ser Leu Leu Ile
1 5 10

<210> 7087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7087
Ser Leu Glu Tyr Pro Arg Ser Tyr Pro Leu
1 5 10

<210> 7088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7088
Ile Leu Met Thr Thr Ser Lys Tyr Thr Ala
1 5 10

<210> 7089
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7089
Met Leu Trp Ile Cys Cys Ser Ser Gln Met
1 5 10

<210> 7090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7090
Ser Gln Met Ser Arg Gly Thr Ala Gly Ala
1 5 10

<210> 7091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7091
Ser Leu Leu Ile Leu Met Thr Thr Ser Lys
1 5 10

<210> 7092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7092
Arg Thr Leu Ala Ser Ser Val Gly Ser Lys
1 5 10

<210> 7093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7093
Thr Ser Tyr Arg Ser Met Pro Thr Gly Arg
1 5 10

<210> 7094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7094
Arg Ser Tyr Pro Leu Thr Cys Ala Ala Thr
1 5 10

<210> 7095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7095
Met Thr Thr Ser Lys Tyr Thr Ala Pro Met
1 5 10

<210> 7096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7096
Lys Tyr Thr Ala Pro Met Thr Ser Tyr Arg
1 5 10

<210> 7097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7097
Arg Ser Met Pro Thr Gly Arg Thr Leu Ala
1 5 10

<210> 7098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7098
Leu Leu Ile Leu Met Thr Thr Ser Lys Tyr
1 5 10

<210> 7099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7099
Ser Lys Tyr Thr Ala Pro Met Thr Ser Tyr
1 5 10

<210> 7100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7100
Trp Ile Cys Cys Ser Ser Gln Met Ser Arg
1 5 10

<210> 7101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7101
Thr Thr Ala Ser Gly Trp Ser Gly Ala Ser
1 5 10

<210> 7102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7102
Tyr Thr Ala Pro Met Thr Ser Tyr Arg Ser

1 5 10

<210> 7103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7103
Tyr Pro Arg Ser Tyr Pro Leu Thr Cys Ala
1 5 10

<210> 7104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7104
Tyr Pro Leu Thr Cys Ala Ala Thr Thr Ala
1 5 10

<210> 7105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7105
Ser Pro Cys Thr Ser Ser Ser Trp Ser Leu
1 5 10

<210> 7106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7106
Met Pro Thr Gly Arg Thr Leu Ala Ser Ser
1 5 10

<210> 7107

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7107
Gly Pro Pro Thr Ser Thr Pro Ala Ala Met
1 5 10

<210> 7108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7108
Leu Glu Tyr Pro Arg Ser Tyr Pro Leu Thr
1 5 10

<210> 7109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7109
Gly Ala Ser Pro Cys Thr Ser Ser Ser Trp
1 5 10

<210> 7110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7110
Thr Ser Ser Ser Trp Ser Leu Leu Ile Leu
1 5 10

<210> 7111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7111
Ser Ser Ser Trp Ser Leu Leu Ile Leu Met
1 5 10

<210> 7112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7112
Tyr Arg Ser Met Pro Thr Gly Arg Thr Leu
1 5 10

<210> 7113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7113
Ser Lys Gly Pro Pro Thr Ser Thr Pro Ala
1 5 10

<210> 7114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7114
Ala Ala Ala Cys Trp Ala Thr Ser Val
1 5

<210> 7115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7115
Glu Leu Gln His Ser Ile Pro Trp Ala
1 5

<210> 7116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7116
Ile Met Arg Pro Ser Thr Ala Ala Ala
1 5

<210> 7117
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7117
Ala Thr Ser Val Gly Leu Ala Trp Arg
1 5

<210> 7118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7118
Ser Ser Arg Ser Val Cys Pro Ile Met
1 5

<210> 7119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7119
Ile Pro Trp Ala Pro Thr Ser Ser Arg
1 5

<210> 7120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7120
Ser Thr Ala Ala Ala Cys Trp Ala Thr
1 5

<210> 7121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7121
Ala Pro Thr Ser Ser Arg Ser Val Cys
1 5

<210> 7122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7122
Cys Pro Ile Met Arg Pro Ser Thr Ala
1 5

<210> 7123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7123
Leu Glu Leu Gln His Ser Ile Pro Trp
1 5

<210> 7124
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7124
Leu Gln His Ser Ile Pro Trp Ala Pro
1 5

<210> 7125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7125
Trp Ala Thr Ser Val Gly Leu Ala Trp
1 5

<210> 7126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7126
Arg Pro Ser Thr Ala Ala Ala Cys Trp
1 5

<210> 7127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7127
Thr Ser Val Gly Leu Ala Trp Arg Trp
1 5

<210> 7128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7128
Thr Ala Ala Ala Cys Trp Ala Thr Ser Val
1 5 10

<210> 7129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7129
Cys Trp Ala Thr Ser Val Gly Leu Ala Trp
1 5 10

<210> 7130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7130
Ser Ser Arg Ser Val Cys Pro Ile Met Arg
1 5 10

<210> 7131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7131
Ile Met Arg Pro Ser Thr Ala Ala Ala Cys
1 5 10

<210> 7132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7132
Ser Ile Pro Trp Ala Pro Thr Ser Ser Arg
1 5 10

<210> 7133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7133
Trp Ala Thr Ser Val Gly Leu Ala Trp Arg
1 5 10

<210> 7134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7134
Ser Thr Ala Ala Ala Cys Trp Ala Thr Ser
1 5 10

<210> 7135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7135
Cys Pro Ile Met Arg Pro Ser Thr Ala Ala
1 5 10

<210> 7136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7136
Arg Pro Ser Thr Ala Ala Ala Cys Trp Ala
1 5 10

<210> 7137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7137
Leu Leu Glu Leu Gln His Ser Ile Pro Trp
1 5 10

<210> 7138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7138
Leu Glu Leu Gln His Ser Ile Pro Trp Ala
1 5 10

<210> 7139
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7139
Leu Gln His Ser Ile Pro Trp Ala Pro Thr
1 5 10

<210> 7140
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7140
Thr Ser Ser Arg Ser Val Cys Pro Ile Met
1 5 10

<210> 7141
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7141
Ala Ala Cys Trp Ala Thr Ser Val Gly Leu
1 5 10

<210> 7142
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7142
Gly Glu Trp Glu Leu Cys Arg Ala Ala
1 5

<210> 7143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7143
Cys Arg Ala Ala Pro Gly Pro Ala Tyr
1 5

<210> 7144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7144
Trp Glu Leu Cys Arg Ala Ala Pro Gly
1 5

<210> 7145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7145
Leu Cys Arg Ala Ala Pro Gly Pro Ala Tyr
1 5 10

<210> 7146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7146
Trp Glu Leu Cys Arg Ala Ala Pro Gly Pro
1 5 10

<210> 7147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7147
Gly Glu Trp Glu Leu Cys Arg Ala Ala Pro
1 5 10

<210> 7148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7148
Leu Glu Pro Leu Gly Ser Ser Thr Leu
1 5

<210> 7149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7149

Ala Leu Glu Pro Leu Gly Ser Ser Thr Leu
1 5 10

<210> 7150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7150
Ile Ala Glu Gly Leu Ser Glu Lys Tyr
1 5

<210> 7151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7151
Gly Leu Ser Glu Lys Tyr Gly Lys His Val
1 5 10

<210> 7152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7152
Tyr Gly Lys His Val Ser Ala Glu Glu Lys
1 5 10

<210> 7153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7153
Glu Ile Ala Glu Gly Leu Ser Glu Lys Tyr
1 5 10

<210> 7154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7154
Ser Glu Lys Tyr Gly Lys His Val Ser Ala
1 5 10

<210> 7155
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7155
Glu Glu Gly Ser Glu Ser Gln Glu Ala
1 5

<210> 7156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7156
Gln Glu Glu Gly Ser Glu Ser Gln Glu Ala
1 5 10

<210> 7157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7157
Glu Glu Gly Ser Glu Ser Gln Glu Ala Ala
1 5 10

<210> 7158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7158
Asn Leu Ser Ile Ser Ser Glu Ile Val
1 5

<210> 7159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7159
Arg Thr Gln Asn Asp Phe Ala Asn Leu
1 5

<210> 7160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7160
Phe Ala Asn Leu Ser Ile Ser Ser Glu Ile
1 5 10

<210> 7161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7161
Arg Phe Arg Thr Gln Asn Asp Phe Ala Asn
1 5 10

<210> 7162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7162
Phe Arg Thr Gln Asn Asp Phe Ala Asn Leu
1 5 10

<210> 7163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7163
Thr Gln Asn Asp Phe Ala Asn Leu Ser Ile
1 5 10

<210> 7164
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7164
Met Leu Leu Glu Pro Ala Leu Leu Tyr
1 5

<210> 7165
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7165
Asn Met Leu Leu Glu Pro Ala Leu Leu
1 5

<210> 7166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7166
Leu Leu Glu Pro Ala Leu Leu Tyr Leu

1 5

<210> 7167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7167
Met Leu Leu Glu Pro Ala Leu Leu Tyr Leu
1 5 10

<210> 7168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7168
Leu Leu Glu Pro Ala Leu Leu Tyr Leu Lys
1 5 10

<210> 7169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7169
Asn Met Leu Leu Glu Pro Ala Leu Leu Tyr
1 5 10

<210> 7170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7170
Glu Pro Ala Leu Leu Tyr Leu Lys Glu Leu
1 5 10

<210> 7171

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7171
Leu Leu Cys Gly Asp Pro Gln Asp Lys Val
1 5 10

<210> 7172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7172
His Ser Met Pro Leu Tyr Pro Pro Thr
1 5

<210> 7173
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7173
Ser Ser Thr Pro Arg Phe Cys Cys Val
1 5

<210> 7174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7174
Arg Phe Cys Cys Val Thr Thr Trp Arg
1 5

<210> 7175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7175
Arg Lys Arg Ser Ser Ser Trp Ala Thr
1 5

<210> 7176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7176
Lys Arg Ser Ser Ser Trp Ala Thr Leu
1 5

<210> 7177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7177
Met Pro Leu Tyr Pro Pro Thr Thr Ser
1 5

<210> 7178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7178
Arg Phe Cys Cys Val Thr Thr Trp Arg Lys
1 5 10

<210> 7179
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7179
Thr Trp Arg Lys Arg Ser Ser Ser Trp Ala
1 5 10

<210> 7180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7180
Arg Lys Arg Ser Ser Ser Trp Ala Thr Leu
1 5 10

<210> 7181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7181
Arg Ser Ser Ser Trp Ala Thr Leu Pro Gly
1 5 10

<210> 7182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7182
Thr Ser Ser Thr Pro Arg Phe Cys Cys Val
1 5 10

<210> 7183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7183
Met Pro Leu Tyr Pro Pro Thr Thr Ser Ser
1 5 10

<210> 7184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7184
His Ser Met Pro Leu Tyr Pro Pro Thr Thr
1 5 10

<210> 7185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7185
Thr Thr Trp Arg Lys Arg Ser Ser Ser Trp
1 5 10

<210> 7186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7186
Thr Pro Arg Phe Cys Cys Val Thr Thr Trp
1 5 10

<210> 7187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7187
Thr Tyr Phe Gln Ile His Ile Asn Lys
1 5

<210> 7188
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7188
Phe Gln Ile His Ile Asn Lys Tyr Lys
1 5

<210> 7189
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7189
Tyr Phe Gln Ile His Ile Asn Lys Tyr
1 5

<210> 7190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7190
Ala Lys Asn Gly Thr Tyr Phe Gln Ile
1 5

<210> 7191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7191
Gly Thr Tyr Phe Gln Ile His Ile Asn Lys
1 5 10

<210> 7192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7192
Thr Tyr Phe Gln Ile His Ile Asn Lys Tyr
1 5 10

<210> 7193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7193
Ser Ala Lys Asn Gly Thr Tyr Phe Gln Ile
1 5 10

<210> 7194
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7194
Tyr Phe Gln Ile His Ile Asn Lys Tyr Lys
1 5 10

<210> 7195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7195
Phe Gln Ile His Ile Asn Lys Tyr Lys Met
1 5 10

<210> 7196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7196
Ala Lys Asn Gly Thr Tyr Phe Gln Ile His
1 5 10

<210> 7197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7197
Ala Pro Thr Ser Pro Leu Asn Pro Ala
1 5

<210> 7198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7198
Leu Pro Ala Ser Ala Pro Thr Ser Pro Leu
1 5 10

<210> 7199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7199
Ser Pro Leu Asn Pro Ala Thr Arg Pro Ala
1 5 10

<210> 7200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7200
Leu Gln Phe Val Gln Gln Ala Gly Val
1 5

<210> 7201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7201
Met Gln Phe Ile Leu Leu Gln Glu Ile
1 5

<210> 7202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7202
Leu Leu Gln Glu Ile Leu Pro Pro Leu
1 5

<210> 7203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7203
Arg Leu Gly Glu Lys Glu Ser Ser Ile
1 5

<210> 7204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7204
Ala Leu Gln Pro Arg Gly Ala Gly Val
1 5

<210> 7205
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7205
Gly Gln Ile Pro Gly Pro Arg Leu Val
1 5

<210> 7206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7206
Thr Leu His Arg Ala Pro Gly Pro Ala
1 5

<210> 7207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7207
Gly Leu Val Ser Gly Pro Leu Gly Ala
1 5

<210> 7208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7208
Leu Val Ser Gly Pro Leu Gly Ala Ala
1 5

<210> 7209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7209
Ala Thr Gly Pro Gly Ser Cys Ser Lys
1 5

<210> 7210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7210
Arg Ser Ser Gly Gly Thr Leu His Arg
1 5

<210> 7211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7211
Val Val Gln Arg Gln Met Pro Asp Lys
1 5

<210> 7212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7212
Gly Gln Lys Pro Pro Gln His Pro Val
1 5

<210> 7213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7213

His Leu Arg Gln Gly Gln Ile Pro Gly
1 5

<210> 7214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7214
Gly Asn Ser Ala Arg Leu Gly Glu Lys
1 5

<210> 7215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7215
Lys Thr Gln Pro Gly Thr Arg Pro Gly
1 5

<210> 7216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7216
Gly Thr Arg Pro Gly Pro Pro Thr Cys
1 5

<210> 7217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7217
Cys Phe Ser Ser Gly Asn Ser Ala Arg
1 5

<210> 7218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7218
Phe Ser Ser Gly Asn Ser Ala Arg Leu
1 5

<210> 7219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7219
Asp Ala Ala Glu Leu Gly Ala Ala Met
1 5

<210> 7220
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7220
Gly Pro Arg Leu Val Leu Gln Phe Val
1 5

<210> 7221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7221
Gly Ala Arg Ser Ser Gly Gly Thr Leu
1 5

<210> 7222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7222
Gly Pro Ala Cys Ala Arg Asp Ala Ala
1 5

<210> 7223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7223
Met Pro Gly Leu Val Ser Gly Pro Leu
1 5

<210> 7224
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7224
Gln Pro Arg Gly Ala Gly Val Gln Leu
1 5

<210> 7225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7225
Ser Leu His Leu Arg Gln Gly Gln Ile
1 5

<210> 7226
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7226
Gly Lys Leu Cys His Glu Gly Ser Leu
1 5

<210> 7227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7227
Leu Cys His Glu Gly Ser Leu His Leu
1 5

<210> 7228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7228
Gly Val Cys Gly Pro Gly Met Gln Phe
1 5

<210> 7229
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7229
Gly Glu His Gln Cys Phe Ser Ser Gly
1 5

<210> 7230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7230
Lys Glu Asp Pro Gln Pro Ala Arg Phe

1 5

<210> 7231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7231
Ala Arg Phe Ser Asp Val Ser Ala Thr
1 5

<210> 7232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7232
Leu His Arg Ala Pro Gly Pro Ala Cys
1 5

<210> 7233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7233
Val Ser Gly Pro Leu Gly Ala Ala Leu
1 5

<210> 7234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7234
Ser Lys Arg Val Val Gln Arg Gln Met
1 5

<210> 7235

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7235
Arg Gln Met Pro Asp Lys Thr Gln Pro
1 5

<210> 7236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7236
Ala Glu Leu Gly Ala Ala Met Pro Gly
1 5

<210> 7237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7237
Lys Leu Cys His Glu Gly Ser Leu His Leu
1 5 10

<210> 7238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7238
Val Leu Gln Phe Val Gln Gln Ala Gly Val
1 5 10

<210> 7239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7239
Gly Met Gln Phe Ile Leu Leu Gln Glu Ile
1 5 10

<210> 7240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7240
Met Gln Phe Ile Leu Leu Gln Glu Ile Leu
1 5 10

<210> 7241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7241
Ile Leu Leu Gln Glu Ile Leu Pro Pro Leu
1 5 10

<210> 7242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7242
Leu Leu Gln Glu Ile Leu Pro Pro Leu Cys
1 5 10

<210> 7243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7243
Ala Met Pro Gly Leu Val Ser Gly Pro Leu
1 5 10

<210> 7244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7244
Arg Leu Val Leu Gln Phe Val Gln Gln Ala
1 5 10

<210> 7245
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7245
Glu Leu Gly Ala Ala Met Pro Gly Leu Val
1 5 10

<210> 7246
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7246
Gly Leu Val Ser Gly Pro Leu Gly Ala Ala
1 5 10

<210> 7247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7247
Leu Val Ser Gly Pro Leu Gly Ala Ala Leu
1 5 10

<210> 7248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7248
Arg Leu Gly Glu Lys Glu Ser Ser Ile Lys
1 5 10

<210> 7249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7249
Arg Val Val Gln Arg Gln Met Pro Asp Lys
1 5 10

<210> 7250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7250
Ala Ala Thr Gly Pro Gly Ser Cys Ser Lys
1 5 10

<210> 7251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7251
Ser Gly Asn Ser Ala Arg Leu Gly Glu Lys
1 5 10

<210> 7252
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7252
Ser Ile Lys Glu Asp Pro Gln Pro Ala Arg
1 5 10

<210> 7253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7253
Arg Ser Ser Gly Gly Thr Leu His Arg Ala
1 5 10

<210> 7254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7254
Gly Thr Leu His Arg Ala Pro Gly Pro Ala
1 5 10

<210> 7255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7255
Ile Pro Gly Pro Arg Leu Val Leu Gln Phe
1 5 10

<210> 7256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7256
Gln Gln Ala Gly Val Cys Gly Pro Gly Met
1 5 10

<210> 7257
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7257
Arg Gln Gly Gln Ile Pro Gly Pro Arg Leu
1 5 10

<210> 7258
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7258
Gly Gln Ile Pro Gly Pro Arg Leu Val Leu
1 5 10

<210> 7259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7259
Leu Gln Phe Val Gln Gln Ala Gly Val Cys
1 5 10

<210> 7260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7260
Ala Gly Val Cys Gly Pro Gly Met Gln Phe
1 5 10

<210> 7261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7261
His Gln Cys Phe Ser Ser Gly Asn Ser Ala
1 5 10

<210> 7262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7262
Ile Lys Glu Asp Pro Gln Pro Ala Arg Phe
1 5 10

<210> 7263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7263
Arg Asp Ala Ala Glu Leu Gly Ala Ala Met
1 5 10

<210> 7264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7264
Ala Glu Leu Gly Ala Ala Met Pro Gly Leu
1 5 10

<210> 7265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7265
Leu Gln Pro Arg Gly Ala Gly Val Gln Leu
1 5 10

<210> 7266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7266
Val Gln Leu Gly Ala Ala Thr Gly Pro Gly
1 5 10

<210> 7267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7267
Cys Ser Lys Arg Val Val Gln Arg Gln Met
1 5 10

<210> 7268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7268
Arg Gln Met Pro Asp Lys Thr Gln Pro Gly
1 5 10

<210> 7269
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7269
Gly Glu His Gln Cys Phe Ser Ser Gly Asn
1 5 10

<210> 7270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7270
Trp Pro Arg Gly Glu Asp Ala Pro Cys
1 5

<210> 7271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7271
Gly Glu Asp Ala Pro Cys Tyr Glu Ser
1 5

<210> 7272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7272
Trp Pro Arg Gly Glu Asp Ala Pro Cys Tyr
1 5 10

<210> 7273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7273
Tyr Ser Thr Phe Ser Ala Pro Leu Lys
1 5

<210> 7274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7274
Ser Thr Phe Ser Ala Pro Leu Lys Lys
1 5

<210> 7275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7275
Pro Leu Lys Lys Ala Asn Arg Lys Lys
1 5

<210> 7276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7276
Ser Ala Pro Leu Lys Lys Ala Asn Arg
1 5

<210> 7277
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7277

Thr Tyr Ser Thr Phe Ser Ala Pro Leu Lys
1 5 10

<210> 7278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7278
Tyr Ser Thr Phe Ser Ala Pro Leu Lys Lys
1 5 10

<210> 7279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7279
Ser Thr Phe Ser Ala Pro Leu Lys Lys Ala
1 5 10

<210> 7280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7280
Ser Ala Pro Leu Lys Lys Ala Asn Arg Lys
1 5 10

<210> 7281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7281
Phe Ser Ala Pro Leu Lys Lys Ala Asn Arg
1 5 10

<210> 7282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7282
Arg Tyr Arg Thr Gly His Arg Leu Leu
1 5

<210> 7283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7283
Arg Thr Gly His Arg Leu Leu Ala Phe
1 5

<210> 7284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7284
His Arg Leu Leu Ala Phe Pro Gln Leu
1 5

<210> 7285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7285
Arg Tyr Arg Thr Gly His Arg Leu Leu Ala
1 5 10

<210> 7286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7286
Leu Pro Arg Tyr Arg Thr Gly His Arg Leu
1 5 10

<210> 7287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7287
Tyr Arg Thr Gly His Arg Leu Leu Ala Phe
1 5 10

<210> 7288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7288
Gly His Arg Leu Leu Ala Phe Pro Gln Leu
1 5 10

<210> 7289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7289
His Arg Leu Leu Ala Phe Pro Gln Leu Leu
1 5 10

<210> 7290
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7290
Ser Ser Ser Ser Glu Glu Ser Pro Lys
1 5

<210> 7291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7291
Ser Ser Ser Ser Glu Glu Ser Pro Lys Lys
1 5 10

<210> 7292
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7292
Ser Gln Leu Gly Gln Asn Ser Ser Ser Ser
1 5 10

<210> 7293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7293
Tyr Pro Ser Val Gly Gly Ala Pro Arg
1 5

<210> 7294
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7294
Ser Tyr Pro Ser Val Gly Gly Ala Pro Arg

1 5 10

<210> 7295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7295
Thr Val Thr Ile Pro Pro Ser Pro Arg
1 5

<210> 7296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7296
Ile Pro Pro Ser Pro Arg Cys Pro Phe
1 5

<210> 7297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7297
Gln Thr Val Thr Ile Pro Pro Ser Pro Arg
1 5 10

<210> 7298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7298
Ser Pro Arg Cys Pro Phe His Met Ser Ser
1 5 10

<210> 7299

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7299
His Gln Gln Thr Val Thr Ile Pro Pro Ser
1 5 10

<210> 7300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7300
Val Thr Leu Ala Leu Gln Gln Gln Arg
1 5

<210> 7301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7301
Gln Gln Arg Asn Leu His Glu His Lys
1 5

<210> 7302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7302
Lys Gln Val Thr Leu Ala Leu Gln Gln
1 5

<210> 7303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7303
Gln Gln Gln Arg Asn Leu His Glu His
1 5

<210> 7304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7304
Gln Val Thr Leu Ala Leu Gln Gln Gln Arg
1 5 10

<210> 7305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7305
Lys Gln Val Thr Leu Ala Leu Gln Gln Gln
1 5 10

<210> 7306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7306
Leu Gln Gln Gln Arg Asn Leu His Glu His
1 5 10

<210> 7307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7307
Gln Gln Arg Asn Leu His Glu His Lys Val
1 5 10

<210> 7308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7308
Leu Tyr Asn His Gln Gln Leu Gly Arg
1 5

<210> 7309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7309
Gln Gln Leu Gly Arg Gly Ser Pro Cys
1 5

<210> 7310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7310
Thr Leu Tyr Asn His Gln Gln Leu Gly Arg
1 5 10

<210> 7311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7311
His Gln Gln Leu Gly Arg Gly Ser Pro Cys
1 5 10

<210> 7312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7312
Gln Gln Leu Gly Arg Gly Ser Pro Cys Ile
1 5 10

<210> 7313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7313
Cys Leu Lys Asp Glu Leu Ser His Gln Leu
1 5 10

<210> 7314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7314
Lys Glu Leu Asp Cys Leu Lys Asp Glu Leu
1 5 10

<210> 7315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7315
Leu Pro Leu Arg Lys Glu Leu Asp Cys Leu
1 5 10

<210> 7316
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7316
Val Gln Ile Glu Ser Gly Ser Ser Val
1 5

<210> 7317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7317
Ile Glu Ser Gly Ser Ser Val Pro Ser
1 5

<210> 7318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7318
Ser Val Gln Ile Glu Ser Gly Ser Ser Val
1 5 10

<210> 7319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7319
Val Gln Ile Glu Ser Gly Ser Ser Val Pro
1 5 10

<210> 7320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7320
Thr Phe Ala Asp Val Val Trp Leu Val
1 5

<210> 7321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7321
Trp Leu Val Ser Asn Ala Ser Met Leu
1 5

<210> 7322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7322
His Thr Phe Ala Asp Val Val Trp Leu
1 5

<210> 7323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7323
Asp Val Val Trp Leu Val Ser Asn Ala
1 5

<210> 7324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7324
Val Trp Leu Val Ser Asn Ala Ser Met
1 5

<210> 7325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7325
His Thr Phe Ala Asp Val Val Trp Leu Val
1 5 10

<210> 7326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7326
Trp Leu Val Ser Asn Ala Ser Met Leu Val
1 5 10

<210> 7327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7327
Val Trp Leu Val Ser Asn Ala Ser Met Leu
1 5 10

<210> 7328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7328
Val Val Trp Leu Val Ser Asn Ala Ser Met
1 5 10

<210> 7329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7329
Gln Thr Ile Glu Glu Leu Ala Gly Lys
1 5

<210> 7330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7330
Ile Asp His Thr Ser Ile Gln Thr Ile
1 5

<210> 7331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7331
Thr Ser Ile Gln Thr Ile Glu Glu Leu
1 5

<210> 7332
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7332
Met Ile Asp His Thr Ser Ile Gln Thr Ile
1 5 10

<210> 7333
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7333
His Thr Ser Ile Gln Thr Ile Glu Glu Leu
1 5 10

<210> 7334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7334
Gln Thr Ile Glu Glu Leu Ala Gly Lys Ile
1 5 10

<210> 7335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7335
Ala Ala Ala Leu Pro Ala Ser Glu Arg
1 5

<210> 7336
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7336
Ser Ala Ala Ala Leu Pro Ala Ser Glu Arg
1 5 10

<210> 7337
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7337
Ala Ala Leu Pro Ala Ser Glu Arg Gly Trp
1 5 10

<210> 7338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7338
Val Gln Val Glu Thr Ala Arg Glu Gly
1 5

<210> 7339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7339
Glu Val Asn Ile Asn Gly Glu Ser Arg
1 5

<210> 7340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7340
Phe Ile Ser Arg Tyr Gln Ile Gln Val
1 5

<210> 7341
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7341

Ile Ser Arg Tyr Gln Ile Gln Val Gly Lys
1 5 10

<210> 7342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7342
Lys Pro Asn Phe Ile Ser Arg Tyr Gln Ile
1 5 10

<210> 7343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7343
Tyr Gln Ile Gln Val Gly Lys Asn Glu Pro
1 5 10

<210> 7344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7344
Ser Leu Gly Pro Leu Arg Ala Ala Ala
1 5

<210> 7345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7345
Gly Pro Leu Arg Ala Ala Ala Gly Phe
1 5

<210> 7346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7346
Arg Ala Ala Ala Gly Phe Val Gln Thr Ala
1 5 10

<210> 7347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7347
Glu Ser Leu Gly Pro Leu Arg Ala Ala Ala
1 5 10

<210> 7348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7348
Asp Glu Ser Leu Gly Pro Leu Arg Ala Ala
1 5 10

<210> 7349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7349
Lys Leu Gln Val Ser Arg His Thr Lys
1 5

<210> 7350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7350
Val Ser Arg His Thr Lys Phe Gly Tyr
1 5

<210> 7351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7351
His Thr Lys Phe Gly Tyr Gly Val Leu
1 5

<210> 7352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7352
Leu Gln Val Ser Arg His Thr Lys Phe
1 5

<210> 7353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7353
Arg His Thr Lys Phe Gly Tyr Gly Val
1 5

<210> 7354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7354
Thr Lys Phe Gly Tyr Gly Val Leu Val
1 5

<210> 7355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7355
Lys Leu Gln Val Ser Arg His Thr Lys Phe
1 5 10

<210> 7356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7356
Lys Lys Leu Gln Val Ser Arg His Thr Lys
1 5 10

<210> 7357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7357
Val Ser Arg His Thr Lys Phe Gly Tyr Gly
1 5 10

<210> 7358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7358
His Thr Lys Phe Gly Tyr Gly Val Leu Val

1 5 10

<210> 7359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7359
Gln Val Ser Arg His Thr Lys Phe Gly Tyr
1 5 10

<210> 7360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7360
Arg His Thr Lys Phe Gly Tyr Gly Val Leu
1 5 10

<210> 7361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7361
Thr Lys Phe Gly Tyr Gly Val Leu Val Thr
1 5 10

<210> 7362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7362
Ala Val Ser Ser Pro Tyr Ser Cys Val
1 5

<210> 7363

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7363
Glu Pro Gln Arg Pro Pro Pro Ala Val
1 5

<210> 7364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7364
Pro Pro Pro Ala Val Ser Ser Pro Tyr
1 5

<210> 7365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7365
Arg Pro Pro Pro Ala Val Ser Ser Pro Tyr
1 5 10

<210> 7366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7366
Glu Met Lys Asn Ala Ser Cys Val Gln Lys
1 5 10

<210> 7367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7367
Ser Pro Glu Met Lys Asn Ala Ser Cys Val
1 5 10

<210> 7368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7368
Ser Gln Arg Pro Gly Val Pro Ala Leu
1 5

<210> 7369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7369
Ala Gly Ala Leu Arg Arg Arg Arg Lys
1 5

<210> 7370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7370
Gly Ala Leu Arg Arg Arg Arg Lys Arg
1 5

<210> 7371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7371
Ala Leu Arg Arg Arg Arg Lys Arg Met
1 5

<210> 7372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7372
Arg Pro Gly Val Pro Ala Leu Pro Val
1 5

<210> 7373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7373
Gly Leu Ser Pro Ser Gln Arg Pro Gly Val
1 5 10

<210> 7374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7374
Val Ala Gly Ala Leu Arg Arg Arg Arg Lys
1 5 10

<210> 7375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7375
Ser Pro Ser Gln Arg Pro Gly Val Pro Ala
1 5 10

<210> 7376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7376
Arg Pro Gly Val Pro Ala Leu Pro Val Ala
1 5 10

<210> 7377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7377
Val Pro Ala Leu Pro Val Ala Gly Ala Leu
1 5 10

<210> 7378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7378
Ala Leu Arg Arg Arg Arg Lys Arg Met Cys
1 5 10

<210> 7379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7379
Ser Gln Arg Pro Gly Val Pro Ala Leu Pro
1 5 10

<210> 7380
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7380
Arg Leu Ser Lys Gly Phe Gln Leu Leu
1 5

<210> 7381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7381
Val Met Ala Gly Ser Val Pro Ser Ala
1 5

<210> 7382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7382
Asn Leu Leu Trp Arg Glu Met Ser Ile
1 5

<210> 7383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7383
Cys Leu Arg Pro His Arg Val Gln Leu
1 5

<210> 7384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7384
Glu Met Ser Ile Phe Leu Pro Gly Ile
1 5

<210> 7385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7385
Leu Ser Lys Gly Phe Gln Leu Leu Arg
1 5

<210> 7386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7386
Met Ser Ile Phe Leu Pro Gly Ile Phe
1 5

<210> 7387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7387
Arg Pro His Arg Val Gln Leu Leu Arg
1 5

<210> 7388
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7388
Arg Val Gln Leu Leu Arg Arg Trp Gly
1 5

<210> 7389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7389
Arg Trp Trp Gly Pro Gly Ser Pro Ala
1 5

<210> 7390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7390
Leu Trp Arg Glu Met Ser Ile Phe Leu
1 5

<210> 7391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7391
Thr Val Met Ala Gly Ser Val Pro Ser
1 5

<210> 7392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7392
Ala Pro Glu Pro Arg Lys Gly Pro Phe
1 5

<210> 7393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7393
Trp Pro Val Thr Ala Val Thr Val Met
1 5

<210> 7394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7394
Gly Pro Ser Ser Pro Arg Asn Leu Leu
1 5

<210> 7395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7395
Leu Leu Trp Arg Glu Met Ser Ile Phe
1 5

<210> 7396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7396
Arg Arg Trp Gly Pro Gly Ser Pro Ala
1 5

<210> 7397
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7397
Gln Arg Leu Ser Lys Gly Phe Gln Leu
1 5

<210> 7398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7398
Ser Lys Gly Phe Gln Leu Leu Arg Trp
1 5

<210> 7399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7399
Lys Gly Phe Gln Leu Leu Arg Trp Trp
1 5

<210> 7400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7400
Leu Glu Ser Pro Gly Pro Leu Ala Leu
1 5

<210> 7401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7401
Arg Glu Met Ser Ile Phe Leu Pro Gly
1 5

<210> 7402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7402
Asp Pro Pro Trp Pro Val Thr Ala Val
1 5

<210> 7403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7403
Thr Val Met Ala Gly Ser Val Pro Ser Ala
1 5 10

<210> 7404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7404
Leu Leu Trp Arg Glu Met Ser Ile Phe Leu
1 5 10

<210> 7405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7405

Phe Ser Ala Gly Arg Gly Arg Cys Pro Val
1 5 10

<210> 7406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7406
Cys Leu Arg Pro His Arg Val Gln Leu Leu
1 5 10

<210> 7407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7407
Arg Leu Ser Lys Gly Phe Gln Leu Leu Arg
1 5 10

<210> 7408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7408
Arg Glu Met Ser Ile Phe Leu Pro Gly Ile
1 5 10

<210> 7409
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7409
Arg Gly Arg Cys Pro Val Gln Gly Cys Leu
1 5 10

<210> 7410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7410
Arg Pro His Arg Val Gln Leu Leu Arg Arg
1 5 10

<210> 7411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7411
Gly Ser Pro Ala Gly Gln Arg Leu Ser Lys
1 5 10

<210> 7412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7412
Cys Ser Pro Ser Gly Phe Ser Ala Gly Arg
1 5 10

<210> 7413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7413
Leu Ala Leu Glu Gly Pro Ser Ser Pro Arg
1 5 10

<210> 7414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7414
Phe Pro Pro Pro Asp Pro Pro Trp Pro Val
1 5 10

<210> 7415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7415
Thr Ala Val Thr Val Met Ala Gly Ser Val
1 5 10

<210> 7416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7416
Gly Pro Gly Ser Pro Ala Gly Gln Arg Leu
1 5 10

<210> 7417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7417
Val Pro Ser Ala Gln Ser Val Asp Ala Leu
1 5 10

<210> 7418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7418
Ser Pro Arg Asn Leu Leu Trp Arg Glu Met
1 5 10

<210> 7419
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7419
Glu Met Ser Ile Phe Leu Pro Gly Ile Phe
1 5 10

<210> 7420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7420
Arg Cys Cys Ser Cys Ser Pro Ser Gly Phe
1 5 10

<210> 7421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7421
Leu Arg Arg Trp Gly Pro Gly Ser Pro Ala
1 5 10

<210> 7422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7422
Arg Arg Trp Gly Pro Gly Ser Pro Ala Gly

1 5 10

<210> 7423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7423
Gly Gln Arg Leu Ser Lys Gly Phe Gln Leu
1 5 10

<210> 7424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7424
Gln Arg Leu Ser Lys Gly Phe Gln Leu Leu
1 5 10

<210> 7425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7425
Leu Ser Lys Gly Phe Gln Leu Leu Arg Trp
1 5 10

<210> 7426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7426
Phe Gln Leu Leu Arg Trp Trp Gly Pro Gly
1 5 10

<210> 7427

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7427
Leu Arg Trp Trp Gly Pro Gly Ser Pro Ala
1 5 10

<210> 7428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7428
Ala Leu Glu Ser Pro Gly Pro Leu Ala Leu
1 5 10

<210> 7429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7429
Leu Glu Gly Pro Ser Ser Pro Arg Asn Leu
1 5 10

<210> 7430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7430
Arg Asn Leu Leu Trp Arg Glu Met Ser Ile
1 5 10

<210> 7431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7431
Asn Leu Leu Trp Arg Glu Met Ser Ile Phe
1 5 10

<210> 7432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7432
Cys Pro Val Gln Gly Cys Leu Arg Pro His
1 5 10

<210> 7433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7433
Trp Pro Val Thr Ala Val Thr Val Met Ala
1 5 10

<210> 7434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7434
Pro Pro Trp Pro Val Thr Ala Val Thr Val
1 5 10

<210> 7435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7435
Gly Pro Phe Pro Pro Pro Asp Pro Pro Trp
1 5 10

<210> 7436
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7436
Gly Pro Ser Ser Pro Arg Asn Leu Leu Trp
1 5 10

<210> 7437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7437
His Val Pro Val Lys Arg Ser Lys Lys
1 5

<210> 7438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7438
Lys Lys Ala Val Asp Ala Pro Pro Ala
1 5

<210> 7439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7439
Tyr Tyr His Val Pro Val Lys Arg Ser Lys
1 5 10

<210> 7440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7440
Arg Ser Lys Lys Ala Val Asp Ala Pro Pro
1 5 10

<210> 7441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7441
Val Pro Val Lys Arg Ser Lys Lys Ala Val
1 5 10

<210> 7442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7442
Arg Leu Asn Ala Gly Leu Gly Pro Trp
1 5

<210> 7443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7443
Arg Leu Asn Ala Gly Leu Gly Pro Trp Leu
1 5 10

<210> 7444
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7444
Leu Leu Lys Thr Val Lys Pro Leu Val
1 5

<210> 7445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7445
Lys Thr Val Lys Pro Leu Val Trp Lys
1 5

<210> 7446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7446
His Leu Leu Lys Thr Val Lys Pro Leu
1 5

<210> 7447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7447
Leu Lys Thr Val Lys Pro Leu Val Trp
1 5

<210> 7448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7448
His Leu Leu Lys Thr Val Lys Pro Leu Val
1 5 10

<210> 7449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7449
Leu Val Trp Lys Pro Gly Asp Trp Ser Arg
1 5 10

<210> 7450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7450
Ser His Leu Leu Lys Thr Val Lys Pro Leu
1 5 10

<210> 7451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7451
Leu Leu Lys Thr Val Lys Pro Leu Val Trp
1 5 10

<210> 7452
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7452
Glu Glu Ala Gly Ala Thr Thr Glu Ala
1 5

<210> 7453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7453
Thr Glu Glu Ala Gly Ala Thr Thr Glu Ala
1 5 10

<210> 7454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7454
Leu Ala Leu Lys Glu Asp Leu Leu Tyr
1 5

<210> 7455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7455
Ala Leu Lys Glu Asp Leu Leu Tyr Leu
1 5

<210> 7456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7456
Ser Leu Gln Cys Gln Ser Leu Ala Leu
1 5

<210> 7457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7457
Lys Leu Ala Leu Lys Glu Asp Leu Leu
1 5

<210> 7458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7458
Gln Leu Leu Cys Gln Asn Pro Glu Lys
1 5

<210> 7459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7459
Met Pro Pro Pro Ala Asn Pro Gln Leu
1 5

<210> 7460
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7460
Glu Arg Asn Leu Arg Pro Leu Ser Leu
1 5

<210> 7461
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7461
Tyr Leu Arg Thr Ser Gly Glu Pro Trp
1 5

<210> 7462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7462
Cys Gln Asn Pro Glu Lys Leu Ala Leu
1 5

<210> 7463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7463
Phe Glu Pro Pro Met Pro Pro Pro Ala
1 5

<210> 7464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7464
Gln Leu Leu Cys Gln Asn Pro Glu Lys Leu
1 5 10

<210> 7465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7465
Lys Leu Ala Leu Lys Glu Asp Leu Leu Tyr
1 5 10

<210> 7466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7466
Cys Gln Asn Pro Glu Lys Leu Ala Leu Lys
1 5 10

<210> 7467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7467
Leu Tyr Leu Arg Thr Ser Gly Glu Pro Trp
1 5 10

<210> 7468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7468
Ala Leu Lys Glu Asp Leu Leu Tyr Leu Arg
1 5 10

<210> 7469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7469

Met Pro Pro Pro Ala Asn Pro Gln Leu Leu
1 5 10

<210> 7470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7470
Arg Pro Leu Ser Leu Gln Cys Gln Ser Leu
1 5 10

<210> 7471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7471
Leu Ala Leu Lys Glu Asp Leu Leu Tyr Leu
1 5 10

<210> 7472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7472
Thr Glu Arg Asn Leu Arg Pro Leu Ser Leu
1 5 10

<210> 7473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7473
Leu Ser Leu Gln Cys Gln Ser Leu Ala Leu
1 5 10

<210> 7474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7474
Gly Glu Pro Trp Asp Thr Glu Arg Asn Leu
1 5 10

<210> 7475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7475
Glu Ser Leu Trp Ile Cys Ala Met Arg
1 5

<210> 7476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7476
Asn Gln Ser Ala Glu Ser Leu Trp Ile
1 5

<210> 7477
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7477
Ala Glu Ser Leu Trp Ile Cys Ala Met
1 5

<210> 7478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7478
Gln Ser Ala Glu Ser Leu Trp Ile Cys Ala
1 5 10

<210> 7479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7479
Cys Leu Asn Gln Ser Ala Glu Ser Leu Trp
1 5 10

<210> 7480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7480
Ser Ala Glu Ser Leu Trp Ile Cys Ala Met
1 5 10

<210> 7481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7481
Arg Leu Ser Gly Arg Leu Met Leu Met
1 5

<210> 7482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7482
Leu Met Leu Met Glu Thr Ala Gln Leu
1 5

<210> 7483
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7483
Met Leu Met Glu Thr Ala Gln Leu Thr
1 5

<210> 7484
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7484
Arg Leu Thr Pro Gly Arg Ser Leu Arg
1 5

<210> 7485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7485
Arg Ser Leu Arg Leu Ser Gly Arg Leu
1 5

<210> 7486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7486
Ser Leu Arg Leu Ser Gly Arg Leu Met

1 5

<210> 7487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7487
Glu Arg Leu Thr Pro Gly Arg Ser Leu
1 5

<210> 7488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7488
Leu Arg Leu Ser Gly Arg Leu Met Leu
1 5

<210> 7489
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7489
Leu Met Glu Thr Ala Gln Leu Thr Leu
1 5

<210> 7490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7490
Arg Leu Met Leu Met Glu Thr Ala Gln Leu
1 5 10

<210> 7491

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7491
Met Leu Met Glu Thr Ala Gln Leu Thr Leu
1 5 10

<210> 7492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7492
Arg Leu Thr Pro Gly Arg Ser Leu Arg Leu
1 5 10

<210> 7493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7493
Leu Met Glu Thr Ala Gln Leu Thr Leu Lys
1 5 10

<210> 7494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7494
Arg Ser Leu Arg Leu Ser Gly Arg Leu Met
1 5 10

<210> 7495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7495
Ser Leu Arg Leu Ser Gly Arg Leu Met Leu
1 5 10

<210> 7496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7496
Ser Gly Arg Leu Met Leu Met Glu Thr Ala
1 5 10

<210> 7497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7497
Glu Thr Ala Gln Leu Thr Leu Lys Ser Leu
1 5 10

<210> 7498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7498
Gly Glu Arg Leu Thr Pro Gly Arg Ser Leu
1 5 10

<210> 7499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7499
Leu Arg Leu Ser Gly Arg Leu Met Leu Met
1   5   10

<210> 7500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7500
Ala Val Ala Asn Pro Gly Leu Ile Tyr
1   5

<210> 7501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7501
Leu Ile Tyr Leu Thr Gly Pro Tyr Leu
1   5

<210> 7502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7502
Tyr Leu Thr Gly Pro Tyr Leu Asp Val
1   5

<210> 7503
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7503
Gly Leu Ile Tyr Leu Thr Gly Pro Tyr
1   5

<210> 7504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7504
Val Ala Asn Pro Gly Leu Ile Tyr Leu
1 5

<210> 7505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7505
Ala Val Ala Asn Pro Gly Leu Ile Tyr Leu
1 5 10

<210> 7506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7506
Gly Leu Ile Tyr Leu Thr Gly Pro Tyr Leu
1 5 10

<210> 7507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7507
Ile Tyr Leu Thr Gly Pro Tyr Leu Asp Val
1 5 10

<210> 7508
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7508
His Ala Val Ala Asn Pro Gly Leu Ile Tyr
1 5 10

<210> 7509
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7509
Leu Met Gly Glu Asp Trp Asn Glu Val
1 5

<210> 7510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7510
Ile Met Thr Val Phe Gln Ile Leu Met
1 5

<210> 7511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7511
Phe Gln Ile Leu Met Gly Glu Asp Trp
1 5

<210> 7512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7512
Met Gly Glu Asp Trp Asn Glu Val Met
1 5

<210> 7513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7513
Met Gly Glu Asp Trp Asn Glu Val Met Tyr
1 5 10

<210> 7514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7514
Ile Leu Met Gly Glu Asp Trp Asn Glu Val
1 5 10

<210> 7515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7515
Leu Met Gly Glu Asp Trp Asn Glu Val Met
1 5 10

<210> 7516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7516
Val Phe Gln Ile Leu Met Gly Glu Asp Trp
1 5 10

<210> 7517
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7517
Ala Ile Met Thr Val Phe Gln Ile Leu Met
1 5 10

<210> 7518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7518
Pro Ala Lys Tyr Val Trp Glu Gln Arg
1 5

<210> 7519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7519
Asn Gln Lys Pro Ala Lys Tyr Val Trp
1 5

<210> 7520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7520
Tyr Val Trp Glu Gln Arg Thr Ser Glu Met
1 5 10

<210> 7521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7521
Gln Gln Lys Asn Gln Lys Pro Ala Lys Tyr
1 5 10

<210> 7522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7522
Ile Leu Thr Gly Glu Asp Trp Asn Leu
1 5

<210> 7523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7523
Leu Thr Gly Glu Asp Trp Asn Leu Val
1 5

<210> 7524
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7524
Gly Glu Asp Trp Asn Leu Val Met Tyr
1 5

<210> 7525
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7525
Asn Leu Val Met Tyr Asp Gly Ile Met
1 5

<210> 7526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7526
Thr Gly Glu Asp Trp Asn Leu Val Met Tyr
1 5 10

<210> 7527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7527
Ile Leu Thr Gly Glu Asp Trp Asn Leu Val
1 5 10

<210> 7528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7528
Leu Val Met Tyr Asp Gly Ile Met Ala Tyr
1 5 10

<210> 7529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7529
Leu Thr Gly Glu Asp Trp Asn Leu Val Met
1 5 10

<210> 7530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7530
Ser Pro Val Val Leu Glu Arg Ile Trp
1 5

<210> 7531
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7531
Asp Val Asp Ser Pro Val Val Leu Glu Arg
1 5 10

<210> 7532
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7532
Leu Glu Arg Ile Trp Gln Asn Ser Asp Phe
1 5 10

<210> 7533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7533

Arg Glu Asn Cys Asn Lys Ile Ile Met
1 5

<210> 7534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7534
Arg Glu Asn Cys Asn Lys Ile Ile Met Leu
1 5 10

<210> 7535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7535
Lys Leu Phe Thr Lys Gly Ile Gly Met
1 5

<210> 7536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7536
Arg Glu His Leu Asp Lys Leu Phe Thr
1 5

<210> 7537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7537
Lys Leu Phe Thr Lys Gly Ile Gly Met Leu
1 5 10

<210> 7538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7538
Arg His Arg Glu Ser Arg His His Ser Arg
1 5 10

<210> 7539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7539
Arg Glu Ser Arg His His Ser Arg Asp Val
1 5 10

<210> 7540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7540
Arg Ser Arg His Asn Ile Ile Leu Ser
1 5

<210> 7541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7541
Phe His Arg Ser Arg His Asn Ile Ile
1 5

<210> 7542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7542
His Arg Ser Arg His Asn Ile Ile Leu
1 5

<210> 7543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7543
Ser Arg His Asn Ile Ile Leu Ser Ala
1 5

<210> 7544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7544
Arg Ser Arg His Asn Ile Ile Leu Ser Ala
1 5 10

<210> 7545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7545
Glu Phe His Arg Ser Arg His Asn Ile Ile
1 5 10

<210> 7546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7546
Phe His Arg Ser Arg His Asn Ile Ile Leu
1 5 10

<210> 7547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7547
Ser Glu Phe His Arg Ser Arg His Asn Ile
1 5 10

<210> 7548
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7548
Ile Leu Ser Val Gly Ile Phe Phe Val
1 5

<210> 7549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7549
Val Ile Leu Ser Val Gly Ile Phe Phe
1 5

<210> 7550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7550
Asn Val Ile Leu Ser Val Gly Ile Phe

1 5

<210> 7551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7551
Ser Arg His Asn Val Ile Leu Ser Val
1 5

<210> 7552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7552
Val Ile Leu Ser Val Gly Ile Phe Phe Val
1 5 10

<210> 7553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7553
Arg Ser Arg His Asn Val Ile Leu Ser Val
1 5 10

<210> 7554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7554
Leu Ser Val Gly Ile Phe Phe Val Ser Ala
1 5 10

<210> 7555

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7555
Asn Val Ile Leu Ser Val Gly Ile Phe Phe
1 5 10

<210> 7556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7556
Arg His Asn Val Ile Leu Ser Val Gly Ile
1 5 10

<210> 7557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7557
His Asn Val Ile Leu Ser Val Gly Ile Phe
1 5 10

<210> 7558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7558
Arg Tyr Arg Phe Trp Arg Arg Ser Ser
1 5

<210> 7559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7559
Arg Phe Trp Arg Arg Ser Ser Ser Arg
1 5

<210> 7560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7560
Pro Pro Tyr Arg Tyr Arg Phe Trp Arg
1 5

<210> 7561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7561
Pro Tyr Arg Tyr Arg Phe Trp Arg Arg
1 5

<210> 7562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7562
Tyr Arg Phe Trp Arg Arg Ser Ser Ser
1 5

<210> 7563
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7563
Leu Pro Pro Tyr Arg Tyr Arg Phe Trp
1   5

<210> 7564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7564
Arg Leu Pro Pro Tyr Arg Tyr Arg Phe Trp
1   5   10

<210> 7565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7565
Arg Tyr Arg Phe Trp Arg Arg Ser Ser Ser
1   5   10

<210> 7566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7566
Arg Phe Trp Arg Arg Ser Ser Ser Arg Ser
1   5   10

<210> 7567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7567
Leu Pro Pro Tyr Arg Tyr Arg Phe Trp Arg
1   5   10

<210> 7568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7568
Pro Pro Tyr Arg Tyr Arg Phe Trp Arg Arg
1 5 10

<210> 7569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7569
Tyr Arg Tyr Arg Phe Trp Arg Arg Ser Ser
1 5 10

<210> 7570
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7570
Phe Ile Leu Asn Asn Ile Arg His Ile
1 5

<210> 7571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7571
Asn Ile Arg His Ile Arg Pro His Arg
1 5

<210> 7572
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7572
Ile Leu Asn Asn Ile Arg His Ile Arg
1 5

<210> 7573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7573
Arg His Ile Arg Pro His Arg Thr Ile
1 5

<210> 7574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7574
Gly Phe Ile Leu Asn Asn Ile Arg His Ile
1 5 10

<210> 7575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7575
Phe Ile Gly Phe Ile Leu Asn Asn Ile Arg
1 5 10

<210> 7576
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7576
Phe Ile Leu Asn Asn Ile Arg His Ile Arg
1 5 10

<210> 7577
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7577
Asn Asn Ile Arg His Ile Arg Pro His Arg
1 5 10

<210> 7578
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7578
Arg His Ile Arg Pro His Arg Thr Ile Leu
1 5 10

<210> 7579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7579
Leu Leu Gly Gly Val Cys Val Gly Ala
1 5

<210> 7580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7580
Cys Val Gly Ala Ser Arg Val Tyr Lys
1 5

<210> 7581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7581
Gly Ala Ser Arg Val Tyr Lys Ser Lys
1 5

<210> 7582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7582
Val Cys Val Gly Ala Ser Arg Val Tyr
1 5

<210> 7583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7583
Leu Leu Leu Gly Gly Val Cys Val Gly Ala
1 5 10

<210> 7584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7584
Val Gly Ala Ser Arg Val Tyr Lys Ser Lys
1 5 10

<210> 7585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7585
Gly Val Cys Val Gly Ala Ser Arg Val Tyr
1 5 10

<210> 7586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7586
Leu Glu Val Glu Glu Trp Ser Asp Met
1 5

<210> 7587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7587
Thr Glu Leu Lys Gly Lys Leu Glu Val
1 5

<210> 7588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7588
Leu Glu Val Glu Glu Trp Ser Asp Met Tyr
1 5 10

<210> 7589
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7589
Leu Asn Asp Phe Leu Ser Thr Asp Tyr
1 5

<210> 7590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7590
Phe Leu Ser Thr Asp Tyr Asn Leu Cys
1 5

<210> 7591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7591
Asp Phe Leu Ser Thr Asp Tyr Asn Leu
1 5

<210> 7592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7592
Leu Leu Asn Asp Phe Leu Ser Thr Asp Tyr
1 5 10

<210> 7593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7593
Ser Thr Asp Tyr Asn Leu Cys Asn Gly Lys
1 5 10

<210> 7594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7594
Phe Gln Leu Leu Asn Asp Phe Leu Ser Thr
1 5 10

<210> 7595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7595
Asn Asp Phe Leu Ser Thr Asp Tyr Asn Leu
1 5 10

<210> 7596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7596
Lys Leu Asp Thr Leu Gln Thr Phe Ile
1 5

<210> 7597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7597

Trp Lys Leu Asp Thr Leu Gln Thr Phe
1 5

<210> 7598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7598
Lys Leu Asp Thr Leu Gln Thr Phe Ile Arg
1 5 10

<210> 7599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7599
Phe Trp Lys Leu Asp Thr Leu Gln Thr Phe
1 5 10

<210> 7600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7600
Trp Lys Leu Asp Thr Leu Gln Thr Phe Ile
1 5 10

<210> 7601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7601
Asn Ser Asp Asn Phe Gly Glu Lys Met
1 5

<210> 7602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7602
Gly Met Met Ser Asn Ser Asp Asn Phe
1 5

<210> 7603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7603
Ser Asn Ser Asp Asn Phe Gly Glu Lys
1 5

<210> 7604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7604
Met Ser Asn Ser Asp Asn Phe Gly Glu Lys
1 5 10

<210> 7605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7605
Ser Gly Met Met Ser Asn Ser Asp Asn Phe
1 5 10

<210> 7606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7606
Lys Leu Tyr Cys Lys Asp Leu Glu Ile
1 5

<210> 7607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7607
Lys Leu Tyr Cys Lys Asp Leu Glu Ile Val
1 5 10

<210> 7608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7608
Leu Tyr Cys Lys Asp Leu Glu Ile Val Leu
1 5 10

<210> 7609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7609
Ala Gln Lys Thr Ala Cys Asn Thr Ala
1 5

<210> 7610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7610
Lys Thr Ala Cys Asn Thr Ala Thr Cys Val
1 5 10

<210> 7611
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7611
Ala Gln Lys Thr Ala Cys Asn Thr Ala Thr
1 5 10

<210> 7612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7612
Ala Ala Lys Glu Arg Gln Arg Ile Lys
1 5

<210> 7613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7613
Arg Ala Ala Lys Glu Arg Gln Arg Ile
1 5

<210> 7614
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7614
Arg Ala Ala Lys Glu Arg Gln Arg Ile Lys

1 5 10

<210> 7615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7615
Lys Gln Asn Arg Gln Thr Cys Ile Arg
1 5

<210> 7616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7616
Gln Asn Arg Gln Thr Cys Ile Arg Lys
1 5

<210> 7617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7617
Cys Ile Arg Lys Ser Leu Ile Cys Ala
1 5

<210> 7618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7618
Arg Gln Thr Cys Ile Arg Lys Ser Leu
1 5

<210> 7619

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7619
Ile Arg Lys Ser Leu Ile Cys Ala Phe
1 5

<210> 7620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7620
Lys Gln Asn Arg Gln Thr Cys Ile Arg Lys
1 5 10

<210> 7621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7621
Ser Gln Lys Gln Asn Arg Gln Thr Cys Ile
1 5 10

<210> 7622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7622
Cys Ile Arg Lys Ser Leu Ile Cys Ala Phe
1 5 10

<210> 7623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7623
Arg Gln Thr Cys Ile Arg Lys Ser Leu Ile
1 5 10

<210> 7624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7624
Ala Val Leu His Cys His Gln Met Val
1 5

<210> 7625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7625
Val Leu His Cys His Gln Met Val Val
1 5

<210> 7626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7626
Met Val Val Val His Arg Asp Leu Lys
1 5

<210> 7627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7627
Ala Val Leu His Cys His Gln Met Val Val
1 5 10

<210> 7628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7628
Val Leu His Cys His Gln Met Val Val Val
1 5 10

<210> 7629
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7629
Gln Met Val Val Val His Arg Asp Leu Lys
1 5 10

<210> 7630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7630
Glu Ala Val Leu His Cys His Gln Met Val
1 5 10

<210> 7631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7631
His Gln Met Val Val Val His Arg Asp Leu
1 5 10

<210> 7632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7632
Val Pro Ala Asn Thr Phe Cys Ser Thr
1 5

<210> 7633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7633
Gln Ala Cys Val Pro Ala Asn Thr Phe
1 5

<210> 7634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7634
Lys Lys Asn Gln Ala Cys Val Pro Ala
1 5

<210> 7635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7635
Trp Pro Glu Lys Lys Asn Gln Ala Cys Val
1 5 10

<210> 7636
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7636
Asn Gln Ala Cys Val Pro Ala Asn Thr Phe
1 5 10

<210> 7637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7637
Leu Leu Leu Tyr Ile Thr Leu Arg Val
1 5

<210> 7638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7638
Leu Leu Tyr Ile Thr Leu Arg Val Val
1 5

<210> 7639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7639
Arg Val Val Lys Trp Ile Pro Ala Leu
1 5

<210> 7640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7640
Gly Leu Arg Pro Ser Gln His Leu Leu
1 5

<210> 7641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7641
Val Val Lys Trp Ile Pro Ala Leu Ala
1 5

<210> 7642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7642
Ser Ala Trp Pro Ala Pro Ser Ala Lys
1 5

<210> 7643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7643
His Leu Leu Leu Tyr Ile Thr Leu Arg
1 5

<210> 7644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7644
Lys Trp Ile Pro Ala Leu Ala Thr Ala
1 5

<210> 7645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7645
Leu Tyr Ile Thr Leu Arg Val Val Lys
1 5

<210> 7646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7646
Ala Ser Ala Trp Pro Ala Pro Ser Ala
1 5

<210> 7647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7647
Ser Ala Lys Thr Val Trp His Pro Thr
1 5

<210> 7648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7648
Lys Thr Val Trp His Pro Thr Leu Leu
1 5

<210> 7649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7649
Arg Pro Ser Gln His Leu Leu Leu Tyr
1 5

<210> 7650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7650
Leu Ala Thr Ala Ser Ala Trp Pro Ala
1 5

<210> 7651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7651
Thr Val Trp His Pro Thr Leu Leu Ile
1 5

<210> 7652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7652
Ile Pro Ala Leu Ala Thr Ala Ser Ala
1 5

<210> 7653
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7653
Trp Pro Ala Pro Ser Ala Lys Thr Val
1 5

<210> 7654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7654
Ser Gln His Leu Leu Leu Tyr Ile Thr
1 5

<210> 7655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7655
Val Lys Trp Ile Pro Ala Leu Ala Thr
1 5

<210> 7656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7656
Ala Lys Thr Val Trp His Pro Thr Leu
1 5

<210> 7657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7657
His Leu Leu Leu Tyr Ile Thr Leu Arg Val
1 5 10

<210> 7658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7658
Leu Leu Leu Tyr Ile Thr Leu Arg Val Val
1 5 10

<210> 7659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7659
Ala Leu Ala Thr Ala Ser Ala Trp Pro Ala
1 5 10

<210> 7660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7660
Gly Leu Arg Pro Ser Gln His Leu Leu Leu
1 5 10

<210> 7661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7661

Tyr Ile Thr Leu Arg Val Val Lys Trp Ile
1 5 10

<210> 7662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7662
Arg Val Val Lys Trp Ile Pro Ala Leu Ala
1 5 10

<210> 7663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7663
Trp Ile Pro Ala Leu Ala Thr Ala Ser Ala
1 5 10

<210> 7664
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7664
Leu Leu Tyr Ile Thr Leu Arg Val Val Lys
1 5 10

<210> 7665
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7665
Ala Ser Ala Trp Pro Ala Pro Ser Ala Lys
1 5 10

<210> 7666
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7666
Leu Tyr Ile Thr Leu Arg Val Val Lys Trp
1 5 10

<210> 7667
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7667
Thr Leu Arg Val Val Lys Trp Ile Pro Ala
1 5 10

<210> 7668
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7668
Ser Ala Lys Thr Val Trp His Pro Thr Leu
1 5 10

<210> 7669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7669
Lys Thr Val Trp His Pro Thr Leu Leu Ile
1 5 10

<210> 7670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7670
Leu Arg Pro Ser Gln His Leu Leu Leu Tyr
1 5 10

<210> 7671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7671
Thr Ala Ser Ala Trp Pro Ala Pro Ser Ala
1 5 10

<210> 7672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7672
Lys Pro Gly Leu Arg Pro Ser Gln His Leu
1 5 10

<210> 7673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7673
Arg Pro Ser Gln His Leu Leu Leu Tyr Ile
1 5 10

<210> 7674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7674
Ile Pro Ala Leu Ala Thr Ala Ser Ala Trp
1 5 10

<210> 7675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7675
Trp Pro Ala Pro Ser Ala Lys Thr Val Trp
1 5 10

<210> 7676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7676
Ser Gln His Leu Leu Leu Tyr Ile Thr Leu
1 5 10

<210> 7677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7677
Leu Arg Val Val Lys Trp Ile Pro Ala Leu
1 5 10

<210> 7678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7678
Val Lys Trp Ile Pro Ala Leu Ala Thr Ala

1 5 10

<210> 7679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7679
Ala Lys Thr Val Trp His Pro Thr Leu Leu
1 5 10

<210> 7680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7680
Tyr Leu Lys Arg Gly Tyr Leu Thr Leu
1 5

<210> 7681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7681
Asn Thr Trp Phe Ser Tyr Leu Lys Arg
1 5

<210> 7682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7682
Ser Tyr Leu Lys Arg Gly Tyr Leu Thr
1 5

<210> 7683

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7683
Trp Phe Ser Tyr Leu Lys Arg Gly Tyr
1 5

<210> 7684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7684
Phe Ser Tyr Leu Lys Arg Gly Tyr Leu
1 5

<210> 7685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7685
Tyr Leu Lys Arg Gly Tyr Leu Thr Leu Ser
1 5 10

<210> 7686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7686
Ser Tyr Leu Lys Arg Gly Tyr Leu Thr Leu
1 5 10

<210> 7687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7687
Thr Trp Phe Ser Tyr Leu Lys Arg Gly Tyr
1 5 10

<210> 7688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7688
Glu Asn Thr Trp Phe Ser Tyr Leu Lys Arg
1 5 10

<210> 7689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7689
Gly Leu Leu Gly Phe Pro Val Leu Thr
1 5

<210> 7690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7690
Trp Val Arg Ala Lys Gly Leu Leu Gly
1 5

<210> 7691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7691
Val Arg Ala Lys Gly Leu Leu Gly Phe
1   5

<210> 7692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7692
Ala Lys Gly Leu Leu Gly Phe Pro Val
1   5

<210> 7693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7693
Lys Gly Leu Leu Gly Phe Pro Val Leu
1   5

<210> 7694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7694
Gly Leu Leu Gly Phe Pro Val Leu Thr Leu
1   5   10

<210> 7695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7695
Arg Ala Lys Gly Leu Leu Gly Phe Pro Val
1   5   10

<210> 7696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7696
Trp Val Arg Ala Lys Gly Leu Leu Gly Phe
1 5 10

<210> 7697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7697
Arg Pro Trp Val Arg Ala Lys Gly Leu Leu
1 5 10

<210> 7698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7698
Ala Lys Gly Leu Leu Gly Phe Pro Val Leu
1 5 10

<210> 7699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7699
Ser Leu Gly Phe Lys Leu Thr Ser Val
1 5

<210> 7700
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7700
Val Ser Gln Ala Ser Leu Gly Phe Lys
1 5

<210> 7701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7701
Gly Phe Lys Leu Thr Ser Val Glu Lys
1 5

<210> 7702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7702
Ser Gln Ala Ser Leu Gly Phe Lys Leu
1 5

<210> 7703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7703
Gln Val Ser Gln Ala Ser Leu Gly Phe Lys
1 5 10

<210> 7704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7704
Leu Gly Phe Lys Leu Thr Ser Val Glu Lys
1 5 10

<210> 7705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7705
Lys Leu Thr Ser Val Glu Lys Ser Leu Arg
1 5 10

<210> 7706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7706
Ser Gln Ala Ser Leu Gly Phe Lys Leu Thr
1 5 10

<210> 7707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7707
Phe Lys Leu Thr Ser Val Glu Lys Ser Leu
1 5 10

<210> 7708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7708
Glu Met Arg Ile Glu Met Val Gln Arg
1 5

<210> 7709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7709
Asp Glu Met Arg Ile Glu Met Val Gln
1 5

<210> 7710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7710
Ile Glu Met Val Gln Arg Glu Ala Cys
1 5

<210> 7711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7711
Met Arg Ile Glu Met Val Gln Arg Glu Ala
1 5 10

<210> 7712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7712
Ile Glu Met Val Gln Arg Glu Ala Cys Ile
1 5 10

<210> 7713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7713
Val Gln Arg Glu Ala Cys Ile Val Asn Leu
1 5 10

<210> 7714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7714
Ser Ser Ser Ser Ser His Gln Ser Lys
1 5

<210> 7715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7715
His Gln Ser Lys Gly Leu Asp Ala Tyr
1 5

<210> 7716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7716
His Ser Ser Ser Ser Ser His Gln Ser Lys
1 5 10

<210> 7717
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7717
Ser His Gln Ser Lys Gly Leu Asp Ala Tyr
1 5 10

<210> 7718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7718
Phe Leu Asp Ser Leu Glu Phe Tyr Tyr
1 5

<210> 7719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7719
Gly Tyr Val Val Phe Leu Asp Ser Leu
1 5

<210> 7720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7720
Val Val Phe Leu Asp Ser Leu Glu Phe
1 5

<210> 7721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7721
Val Phe Leu Asp Ser Leu Glu Phe Tyr
1 5

<210> 7722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7722
Phe Leu Asp Ser Leu Glu Phe Tyr Tyr Pro
1 5 10

<210> 7723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7723
Val Val Phe Leu Asp Ser Leu Glu Phe Tyr
1 5 10

<210> 7724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7724
Tyr Val Val Phe Leu Asp Ser Leu Glu Phe
1 5 10

<210> 7725
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7725

Arg Gly Tyr Val Val Phe Leu Asp Ser Leu
1 5 10

<210> 7726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7726
Val Phe Leu Asp Ser Leu Glu Phe Tyr Tyr
1 5 10

<210> 7727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7727
Asp Ser Leu Glu Phe Tyr Tyr Pro Glu Leu
1 5 10

<210> 7728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7728
Leu Met Lys Ser Asn Ile Tyr Pro Ile
1 5

<210> 7729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7729
Arg Asp Leu Met Lys Ser Asn Ile Tyr
1 5

<210> 7730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7730
Met Lys Ser Asn Ile Tyr Pro Ile Val
1 5

<210> 7731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7731
Asp Leu Met Lys Ser Asn Ile Tyr Pro Ile
1 5 10

<210> 7732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7732
Leu Met Lys Ser Asn Ile Tyr Pro Ile Val
1 5 10

<210> 7733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7733
Gly Ile Gly Cys Thr Arg Asp Leu Met Lys
1 5 10

<210> 7734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7734
Cys Thr Arg Asp Leu Met Lys Ser Asn Ile
1 5 10

<210> 7735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7735
Met Lys Ser Asn Ile Tyr Pro Ile Val Leu
1 5 10

<210> 7736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7736
Ile Leu Ser Phe Phe Val Ala Gln Ala
1 5

<210> 7737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7737
Phe Val Ala Gln Ala Gly Ala Arg Lys
1 5

<210> 7738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7738
Ser Phe Phe Val Ala Gln Ala Gly Ala
1 5

<210> 7739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7739
Phe Phe Val Ala Gln Ala Gly Ala Arg
1 5

<210> 7740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7740
Leu Ser Phe Phe Val Ala Gln Ala Gly
1 5

<210> 7741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7741
Gly Ile Leu Ser Phe Phe Val Ala Gln Ala
1 5 10

<210> 7742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7742
Phe Val Ala Gln Ala Gly Ala Arg Lys Ile

1 5 10

<210> 7743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7743
Ser Phe Phe Val Ala Gln Ala Gly Ala Arg
1 5 10

<210> 7744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7744
Val Ala Gln Ala Gly Ala Arg Lys Ile Tyr
1 5 10

<210> 7745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7745
Cys Gly Ser Gly Ile Leu Ser Phe Phe Val
1 5 10

<210> 7746
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7746
Leu Ser Phe Phe Val Ala Gln Ala Gly Ala
1 5 10

<210> 7747

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7747
Arg Leu Glu Ile Gln Gln Ile Glu Lys
1 5

<210> 7748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7748
Met Glu Arg Leu Glu Ile Gln Gln Ile
1 5

<210> 7749
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7749
Gly Leu Tyr Pro Pro Leu Val Ser Met
1 5

<210> 7750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7750
Asn Pro Gly Leu Tyr Pro Pro Leu Val
1 5

<210> 7751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7751
Gly Leu Tyr Pro Pro Leu Val Ser Met Ser
1 5 10

<210> 7752
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7752
Leu Pro Asn Pro Gly Leu Tyr Pro Pro Leu
1 5 10

<210> 7753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7753
Tyr Ala Pro Gly Ala Leu Pro Pro Leu
1 5

<210> 7754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7754
Leu Pro Pro Leu Pro Pro Pro His Leu
1 5

<210> 7755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7755
Ala Leu Pro Pro Leu Pro Pro Pro His Leu
1 5 10

<210> 7756
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7756
Pro Tyr Ala Pro Gly Ala Leu Pro Pro Leu
1 5 10

<210> 7757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7757
Leu Pro Pro Leu Pro Pro Pro His Leu Tyr
1 5 10

<210> 7758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7758
Asn Thr Gln Ala Pro Leu Gln Val Tyr
1 5

<210> 7759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7759
Leu Tyr Pro Asn Thr Gln Ala Pro Leu
1 5

<210> 7760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7760
Leu Gln Val Tyr Gly Gly Val Thr Tyr
1 5

<210> 7761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7761
Ala Pro Leu Gln Val Tyr Gly Gly Val
1 5

<210> 7762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7762
His Leu Tyr Pro Asn Thr Gln Ala Pro Leu
1 5 10

<210> 7763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7763
Leu Gln Val Tyr Gly Gly Val Thr Tyr Tyr
1 5 10

<210> 7764
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7764
Gln Ala Pro Leu Gln Val Tyr Gly Gly Val
1 5 10

<210> 7765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7765
Tyr Pro Asn Thr Gln Ala Pro Leu Gln Val
1 5 10

<210> 7766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7766
Lys Phe Arg Gln Glu Leu Ile Ala Leu
1 5

<210> 7767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7767
Ala Pro Lys Phe Arg Gln Glu Leu Ile
1 5

<210> 7768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7768
Arg Glu Asp Glu Gln Ala Pro Lys Phe
1 5

<210> 7769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7769
Phe Arg Gln Glu Leu Ile Ala Leu Tyr
1 5

<210> 7770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7770
Lys Phe Arg Gln Glu Leu Ile Ala Leu Tyr
1 5 10

<210> 7771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7771
Glu Gln Ala Pro Lys Phe Arg Gln Glu Leu
1 5 10

<210> 7772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7772
Asp Ser Ser Ser Tyr His Pro Phe Lys
1   5

<210> 7773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7773
Ile Asn Gln Asn Ile Arg Phe Gln Lys
1   5

<210> 7774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7774
Ala Phe Phe Val Asp Ser Ser Ser Tyr
1   5

<210> 7775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7775
Leu Ala Cys Ile Ala Ala Phe Phe Val
1   5

<210> 7776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 7776
His Pro Phe Lys Ile Asn Gln Asn Ile
1   5

<210> 7777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7777
Val Asp Ser Ser Ser Tyr His Pro Phe
1 5

<210> 7778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7778
Phe Lys Ile Asn Gln Asn Ile Arg Phe
1 5

<210> 7779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7779
Asn Gln Asn Ile Arg Phe Gln Lys Phe
1 5

<210> 7780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7780
Phe Val Asp Ser Ser Ser Tyr His Pro Phe
1 5 10

<210> 7781
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7781
Arg Leu Ala Cys Ile Ala Ala Phe Phe Val
1 5 10

<210> 7782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7782
Lys Ile Asn Gln Asn Ile Arg Phe Gln Lys
1 5 10

<210> 7783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7783
Ile Asn Gln Asn Ile Arg Phe Gln Lys Phe
1 5 10

<210> 7784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7784
Ala Ala Phe Phe Val Asp Ser Ser Ser Tyr
1 5 10

<210> 7785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7785
His Pro Phe Lys Ile Asn Gln Asn Ile Arg
1 5 10

<210> 7786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7786
Asp Ser Ser Ser Tyr His Pro Phe Lys Ile
1 5 10

<210> 7787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7787
Asn Pro Trp Ser Leu Glu Glu Glu Lys Tyr
1 5 10

<210> 7788
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7788
Arg Ile Leu Lys Leu Cys Ser Lys Val
1 5

<210> 7789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7789

Lys Val Ser Phe Arg Val Asp Trp Ile
1 5

<210> 7790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7790
Lys Leu Cys Ser Lys Val Ser Phe Arg
1 5

<210> 7791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7791
Lys Lys Lys Gly Val Arg Ile Leu Lys
1 5

<210> 7792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7792
Gly Lys Lys Lys Gly Val Arg Ile Leu
1 5

<210> 7793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7793
Lys Lys Gly Val Arg Ile Leu Lys Leu
1 5

<210> 7794
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7794
Leu Lys Leu Cys Ser Lys Val Ser Phe
1 5

<210> 7795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7795
Ser Lys Val Ser Phe Arg Val Asp Trp
1 5

<210> 7796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7796
Lys Leu Cys Ser Lys Val Ser Phe Arg Val
1 5 10

<210> 7797
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7797
Gly Val Arg Ile Leu Lys Leu Cys Ser Lys
1 5 10

<210> 7798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7798
Ser Gly Lys Lys Lys Gly Val Arg Ile Leu
1 5 10

<210> 7799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7799
Ile Leu Lys Leu Cys Ser Lys Val Ser Phe
1 5 10

<210> 7800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7800
Lys Lys Lys Gly Val Arg Ile Leu Lys Leu
1 5 10

<210> 7801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7801
Ser Lys Val Ser Phe Arg Val Asp Trp Ile
1 5 10

<210> 7802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7802
Leu Leu Ile Asp Gly Ala Ile Leu Phe
1 5

<210> 7803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7803
Leu Ile Asp Gly Ala Ile Leu Phe Val
1 5

<210> 7804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7804
Ile Leu Phe Val Leu Phe Cys Phe Val
1 5

<210> 7805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7805
Phe Val Leu Phe Cys Phe Val Phe Leu
1 5

<210> 7806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7806
Thr Leu Arg Lys Asn Leu Ser Ser Leu

1 5

<210> 7807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7807
Phe Val Phe Leu Arg Gln Asn Leu Ala
1 5

<210> 7808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7808
Val Leu Phe Cys Phe Val Phe Leu Arg
1 5

<210> 7809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7809
Cys Ser Gly Val Ile Ser Ala His Arg
1 5

<210> 7810
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7810
Ser Gly Val Ile Ser Ala His Arg Lys
1 5

<210> 7811

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7811
Arg Val Ala Gly Thr Thr Gly Ala Arg
1 5

<210> 7812
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7812
Asp Gly Ala Ile Leu Phe Val Leu Phe
1 5

<210> 7813
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7813
Ala Ile Leu Phe Val Leu Phe Cys Phe
1 5

<210> 7814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7814
Leu Phe Val Leu Phe Cys Phe Val Phe
1 5

<210> 7815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7815
Cys Phe Val Phe Leu Arg Gln Asn Leu
1 5

<210> 7816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7816
Val Phe Leu Arg Gln Asn Leu Ala Leu
1 5

<210> 7817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7817
Arg Gln Asn Leu Ala Leu Ser Pro Arg
1 5

<210> 7818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7818
Val Ile Ser Ala His Arg Lys Leu Arg
1 5

<210> 7819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7819
Lys Leu Arg Leu Pro Gly Ser Gly His
1 5

<210> 7820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7820
Gly Ala Arg His His Thr Trp Leu Ile
1 5

<210> 7821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7821
Leu Pro Gly Ser Gly His Ser Pro Ala
1 5

<210> 7822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7822
Leu Arg Lys Asn Leu Ser Ser Leu Leu
1 5

<210> 7823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7823
Arg Lys Asn Leu Ser Ser Leu Leu Ile
1 5

<210> 7824
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7824
Ala Arg His His Thr Trp Leu Ile Phe
1 5

<210> 7825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7825
Ile Asp Gly Ala Ile Leu Phe Val Leu
1 5

<210> 7826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7826
Phe Thr Leu Arg Lys Asn Leu Ser Ser Leu
1 5 10

<210> 7827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7827
Asn Leu Ser Ser Leu Leu Ile Asp Gly Ala
1 5 10

<210> 7828
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7828
Leu Leu Ile Asp Gly Ala Ile Leu Phe Val
1 5 10

<210> 7829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7829
Leu Ile Asp Gly Ala Ile Leu Phe Val Leu
1 5 10

<210> 7830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7830
Ala Ile Leu Phe Val Leu Phe Cys Phe Val
1 5 10

<210> 7831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7831
Phe Val Phe Leu Arg Gln Asn Leu Ala Leu
1 5 10

<210> 7832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7832
Thr Leu Arg Lys Asn Leu Ser Ser Leu Leu
1 5 10

<210> 7833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7833
Arg Leu Glu Cys Ser Gly Val Ile Ser Ala
1 5 10

<210> 7834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7834
Arg Leu Pro Gly Ser Gly His Ser Pro Ala
1 5 10

<210> 7835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7835
Phe Val Leu Phe Cys Phe Val Phe Leu Arg
1 5 10

<210> 7836
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7836
Cys Ser Gly Val Ile Ser Ala His Arg Lys
1 5 10

<210> 7837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7837
Ile Asp Gly Ala Ile Leu Phe Val Leu Phe
1 5 10

<210> 7838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7838
Gly Ala Ile Leu Phe Val Leu Phe Cys Phe
1 5 10

<210> 7839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7839
Ile Leu Phe Val Leu Phe Cys Phe Val Phe
1 5 10

<210> 7840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7840
Arg Gln Asn Leu Ala Leu Ser Pro Arg Leu
1 5 10

<210> 7841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7841
Lys Leu Arg Leu Pro Gly Ser Gly His Ser
1 5 10

<210> 7842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7842
Ser Gly His Ser Pro Ala Ser Ala Ser Arg
1 5 10

<210> 7843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7843
Ala Ser Arg Val Ala Gly Thr Thr Gly Ala
1 5 10

<210> 7844
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7844
Gly Ala Arg His His Thr Trp Leu Ile Phe
1 5 10

<210> 7845
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7845
Arg Val Ala Gly Thr Thr Gly Ala Arg His
1 5 10

<210> 7846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7846
Glu Cys Ser Gly Val Ile Ser Ala His Arg
1 5 10

<210> 7847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7847
Gly Val Ile Ser Ala His Arg Lys Leu Arg
1 5 10

<210> 7848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7848
Gln Pro Thr Phe Thr Leu Arg Lys Asn Leu
1 5 10

<210> 7849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7849
Ser Leu Leu Ile Asp Gly Ala Ile Leu Phe
1 5 10

<210> 7850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7850
Met Glu Glu Lys Val Lys Glu Lys Ala
1 5

<210> 7851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7851
Ser Met Ser Gly Ser Leu Glu Thr Thr
1 5

<210> 7852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7852
Glu Val Leu Asn Arg Arg Ser Ser Met
1 5

<210> 7853
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7853

Arg Arg Ser Ser Met Ser Gly Ser Leu
1 5

<210> 7854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7854
Asn Arg Arg Ser Ser Met Ser Gly Ser Leu
1 5 10

<210> 7855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7855
Ser Glu Val Leu Asn Arg Arg Ser Ser Met
1 5 10

<210> 7856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7856
Glu Ala Arg Arg Arg Thr Arg Lys Phe
1 5

<210> 7857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7857
Arg Thr Arg Lys Phe Glu Asp Arg Asp Arg
1 5 10

<210> 7858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7858
Arg Lys Phe Glu Asp Arg Asp Arg Ser His
1 5 10

<210> 7859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7859
Glu Glu Ala Arg Arg Arg Thr Arg Lys Phe
1 5 10

<210> 7860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7860
Ile Leu Cys Ser Glu Leu Ser Ser Val
1 5

<210> 7861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7861
Val Leu Ser Ser Cys Val Ala Leu Phe
1 5

<210> 7862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7862
Cys Leu Arg Glu Thr Tyr Arg Leu Ile
1 5

<210> 7863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7863
Leu Ser Ser Cys Val Ala Leu Phe Lys
1 5

<210> 7864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7864
Cys Val Ala Leu Phe Lys Gly Ala Arg
1 5

<210> 7865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7865
His Ile Cys Leu Arg Glu Thr Tyr Arg
1 5

<210> 7866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7866
Gly Ala Arg Glu His Ile Cys Leu Arg
1 5

<210> 7867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7867
Thr Tyr Arg Leu Ile Ser Thr Ile Ala
1 5

<210> 7868
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7868
Ile Leu His Glu Lys Arg Glu Ile Arg
1 5

<210> 7869
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7869
Glu Ile Arg Cys Val Gln Ala Val Val
1 5

<210> 7870
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7870
Glu Leu Ser Ser Val His Glu Val Leu

1 5

<210> 7871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7871
Glu Val Leu Ser Ser Cys Val Ala Leu
1 5

<210> 7872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7872
Glu Thr Tyr Arg Leu Ile Ser Thr Ile
1 5

<210> 7873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7873
Arg Glu Ile Arg Cys Val Gln Ala Val
1 5

<210> 7874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7874
Arg Cys Val Gln Ala Val Val Ile Leu
1 5

<210> 7875

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7875
Ser Glu Leu Ser Ser Val His Glu Val
1 5

<210> 7876
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7876
His Glu Val Leu Ser Ser Cys Val Ala
1 5

<210> 7877
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7877
Ala Leu Phe Lys Gly Ala Arg Glu His
1 5

<210> 7878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7878
Glu His Ile Cys Leu Arg Glu Thr Tyr
1 5

<210> 7879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7879
Arg Glu Thr Tyr Arg Leu Ile Ser Thr
1 5

<210> 7880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7880
Tyr Arg Leu Ile Ser Thr Ile Ala Ile
1 5

<210> 7881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7881
Arg Glu His Ile Cys Leu Arg Glu Thr
1 5

<210> 7882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7882
His Glu Lys Arg Glu Ile Arg Cys Val
1 5

<210> 7883
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7883
Val Ile Leu Cys Ser Glu Leu Ser Ser Val
1 5 10

<210> 7884
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7884
Ser Val His Glu Val Leu Ser Ser Cys Val
1 5 10

<210> 7885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7885
Ala Leu Phe Lys Gly Ala Arg Glu His Ile
1 5 10

<210> 7886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7886
Val Leu Ser Ser Cys Val Ala Leu Phe Lys
1 5 10

<210> 7887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7887
Thr Tyr Arg Leu Ile Ser Thr Ile Ala Ile
1 5 10

<210> 7888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7888
Glu His Ile Cys Leu Arg Glu Thr Tyr Arg
1 5 10

<210> 7889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7889
Glu Thr Tyr Arg Leu Ile Ser Thr Ile Ala
1 5 10

<210> 7890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7890
Glu Val Leu Ser Ser Cys Val Ala Leu Phe
1 5 10

<210> 7891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7891
Arg Glu Ile Arg Cys Val Gln Ala Val Val
1 5 10

<210> 7892
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7892
Ser Glu Leu Ser Ser Val His Glu Val Leu
1 5 10

<210> 7893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7893
His Glu Val Leu Ser Ser Cys Val Ala Leu
1 5 10

<210> 7894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7894
Arg Glu His Ile Cys Leu Arg Glu Thr Tyr
1 5 10

<210> 7895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7895
Arg Glu Thr Tyr Arg Leu Ile Ser Thr Ile
1 5 10

<210> 7896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7896
Ala Met Ala Pro Val Gly Pro Ser Thr
1 5

<210> 7897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7897
Ala Thr Thr Met Ser Gln Gln Gly Lys
1 5

<210> 7898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7898
Gln Gly Lys Pro Ala Met Ala Pro Val
1 5

<210> 7899
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7899
Ala Pro Leu Gly Glu Trp His Leu Leu
1 5

<210> 7900
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7900
Met Ser Gln Gln Gly Lys Pro Ala Met
1 5

<210> 7901
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7901
Ala Pro Val Gly Pro Ser Thr Ser Thr
1 5

<210> 7902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7902
Leu Leu Arg Ser Glu Ala Thr Thr Met
1 5

<210> 7903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7903
Gly Ala Ala Leu Gly Glu Ala Pro Leu
1 5

<210> 7904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7904
Gly Glu Trp His Leu Leu Arg Ser Glu
1 5

<210> 7905
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7905
Gly Pro Ser Thr Ser Thr Arg Ser Trp
1 5

<210> 7906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7906
Glu Ala Pro Leu Gly Glu Trp His Leu Leu
1 5 10

<210> 7907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7907
Thr Thr Met Ser Gln Gln Gly Lys Pro Ala
1 5 10

<210> 7908
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7908
Lys Pro Ala Met Ala Pro Val Gly Pro Ser
1 5 10

<210> 7909
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7909
Thr Met Ser Gln Gln Gly Lys Pro Ala Met
1 5 10

<210> 7910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7910
His Leu Leu Arg Ser Glu Ala Thr Thr Met
1 5 10

<210> 7911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7911
Gly Glu Ala Pro Leu Gly Glu Trp His Leu
1 5 10

<210> 7912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7912
Gly Glu Trp His Leu Leu Arg Ser Glu Ala
1 5 10

<210> 7913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7913
Gln Gln Gly Lys Pro Ala Met Ala Pro Val
1 5 10

<210> 7914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7914
Ala Met Ala Pro Val Gly Pro Ser Thr Ser
1 5 10

<210> 7915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7915
Gly Glu Leu Tyr Glu Glu Trp Leu Gly Thr
1 5 10

<210> 7916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7916
Leu Lys Phe Pro Asn Cys Gln Cys Leu
1 5

<210> 7917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7917

Phe Pro Asn Cys Gln Cys Leu Thr Thr
1 5

<210> 7918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7918
Ala Leu Lys Phe Pro Asn Cys Gln Cys Leu
1 5 10

<210> 7919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7919
Cys Gln Cys Leu Thr Thr Val Ile Asp Ile
1 5 10

<210> 7920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7920
Phe Pro Asn Cys Gln Cys Leu Thr Thr Val
1 5 10

<210> 7921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7921
Ala Glu Cys Ala Leu Lys Phe Pro Asn Cys
1 5 10

<210> 7922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7922
Ser Gln Ile Pro Pro Ser Ser Pro Leu
1 5

<210> 7923
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7923
Met Ser Gln Ile Pro Pro Ser Ser Pro Leu
1 5 10

<210> 7924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7924
Leu Val Tyr Asp Ile Cys Lys Tyr Leu
1 5

<210> 7925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7925
Val Tyr Asp Ile Cys Lys Tyr Leu Trp
1 5

<210> 7926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7926
Tyr Leu Trp Cys Glu Asn Ile Gly Arg
1 5

<210> 7927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7927
Cys Lys Tyr Leu Trp Cys Glu Asn Ile
1 5

<210> 7928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7928
Leu Leu Val Tyr Asp Ile Cys Lys Tyr Leu
1 5 10

<210> 7929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7929
Tyr Leu Trp Cys Glu Asn Ile Gly Arg Ala
1 5 10

<210> 7930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7930
Leu Val Tyr Asp Ile Cys Lys Tyr Leu Trp
1 5 10

<210> 7931
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7931
Leu Val Ser Ser Pro Thr Phe Asn Ala
1 5

<210> 7932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7932
Gly Gln Leu Val Ser Ser Pro Thr Phe
1 5

<210> 7933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7933
Met Glu Val Lys Gly Gln Leu Val Ser
1 5

<210> 7934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7934
Gln Leu Val Ser Ser Pro Thr Phe Asn Ala

1 5 10

<210> 7935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7935
Met Glu Val Lys Gly Gln Leu Val Ser Ser
1 5 10

<210> 7936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7936
Lys Gly Gln Leu Val Ser Ser Pro Thr Phe
1 5 10

<210> 7937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7937
Gln Gln Leu Gln Gln Glu Gln Leu Tyr
1 5

<210> 7938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7938
Lys Gln Gln Leu Gln Gln Glu Gln Leu
1 5

<210> 7939

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7939
Gln Glu Gln Leu Tyr Leu Glu Ser Leu
1 5

<210> 7940
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7940
Gln Leu Tyr Leu Glu Ser Leu Ile Gln Ala
1 5 10

<210> 7941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7941
Lys Gln Gln Leu Gln Gln Glu Gln Leu Tyr
1 5 10

<210> 7942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7942
Leu Tyr Leu Glu Ser Leu Ile Gln Ala Arg
1 5 10

<210> 7943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7943
Arg Lys Gln Gln Leu Gln Gln Glu Gln Leu
1 5 10

<210> 7944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7944
Gln Gln Leu Gln Gln Glu Gln Leu Tyr Leu
1 5 10

<210> 7945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7945
Gln Gln Glu Gln Leu Tyr Leu Glu Ser Leu
1 5 10

<210> 7946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7946
Gln Glu Gln Leu Tyr Leu Glu Ser Leu Ile
1 5 10

<210> 7947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7947
Cys Ile Pro Leu Pro Val Ser Asn Ile
1 5

<210> 7948
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7948
Val Ser Lys Arg Val Cys Ile Pro Leu
1 5

<210> 7949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7949
Lys Arg Val Cys Ile Pro Leu Pro Val
1 5

<210> 7950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7950
Asn Glu Val Ser Lys Arg Val Cys Ile
1 5

<210> 7951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7951
Glu Val Ser Lys Arg Val Cys Ile Pro Leu
1 5 10

<210> 7952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7952
Ser Lys Arg Val Cys Ile Pro Leu Pro Val
1 5 10

<210> 7953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7953
Gly Lys Arg Lys Val Pro Glu Asn Phe
1 5

<210> 7954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7954
Arg Lys Val Pro Glu Asn Phe Phe Ile
1 5

<210> 7955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7955
Trp Val Leu Val Leu Ser Gly Lys Arg Lys
1 5 10

<210> 7956
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7956
Lys Arg Lys Val Pro Glu Asn Phe Phe Ile
1 5 10

<210> 7957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7957
Gly Lys Arg Lys Val Pro Glu Asn Phe Phe
1 5 10

<210> 7958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7958
Lys Thr Leu Gln Ala Asp Phe Asn Lys
1 5

<210> 7959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7959
Ile Ser Arg Ile Lys Thr Leu Gln Ala
1 5

<210> 7960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7960
Arg Ile Lys Thr Leu Gln Ala Asp Phe
1 5

<210> 7961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7961
Ser Glu Ile Ser Arg Ile Lys Thr Leu
1 5

<210> 7962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7962
Leu Gln Ala Asp Phe Asn Lys Thr Glu Leu
1 5 10

<210> 7963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7963
Arg Ile Lys Thr Leu Gln Ala Asp Phe Asn
1 5 10

<210> 7964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7964
Glu Ile Ser Arg Ile Lys Thr Leu Gln Ala
1 5 10

<210> 7965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7965
Ser Arg Ile Lys Thr Leu Gln Ala Asp Phe
1 5 10

<210> 7966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7966
Lys Ile Lys Asn Thr Gly Pro Arg Lys
1 5

<210> 7967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7967
Lys Asn Arg Ser Gly Lys Lys Trp Lys
1 5

<210> 7968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7968
Arg Lys Asn Arg Ser Gly Lys Lys Trp
1 5

<210> 7969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7969
Leu Ser Arg Asp Gln His Val Leu His
1 5

<210> 7970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7970
Leu Ser Arg Asp Gln His Val Leu His Lys
1 5 10

<210> 7971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7971
Lys His Lys Gln Leu Ile Glu Lys Lys
1 5

<210> 7972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7972
Lys Gln Leu Ile Glu Lys Lys Glu Met
1 5

<210> 7973
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7973
Gln Leu Ile Glu Lys Lys Glu Met Glu Ile
1 5 10

<210> 7974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7974
His Lys Gln Leu Ile Glu Lys Lys Glu Met
1 5 10

<210> 7975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7975
Leu Thr Pro Pro Trp Ile Phe Glu Ala
1 5

<210> 7976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7976
Arg Gln Phe Gly Leu Thr Pro Pro Trp
1 5

<210> 7977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7977
Gln Phe Gly Leu Thr Pro Pro Trp Ile
1 5

<210> 7978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7978
Phe Gly Leu Thr Pro Pro Trp Ile Phe
1 5

<210> 7979
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7979
Arg Gln Phe Gly Leu Thr Pro Pro Trp Ile
1 5 10

<210> 7980
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7980
Gly Leu Thr Pro Pro Trp Ile Phe Glu Ala
1 5 10

<210> 7981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7981

Gln Phe Gly Leu Thr Pro Pro Trp Ile Phe
1 5 10

<210> 7982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7982
Gln Arg Gln Phe Gly Leu Thr Pro Pro Trp
1 5 10

<210> 7983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7983
Gln Arg Gln Phe Gly Leu Thr Pro Leu
1 5

<210> 7984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7984
Arg Gln Phe Gly Leu Thr Pro Leu Asp
1 5

<210> 7985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7985
Arg Gln Phe Gly Leu Thr Pro Leu Asp Leu
1 5 10

<210> 7986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7986
Gln Gln Arg Gln Phe Gly Leu Thr Pro Leu
1 5 10

<210> 7987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7987
Thr Leu Cys Ser Gly Ser Cys Pro Lys
1 5

<210> 7988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7988
Thr Leu Cys Ser Gly Ser Cys Pro Lys Ala
1 5 10

<210> 7989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7989
Leu Thr Leu Cys Ser Gly Ser Cys Pro Lys
1 5 10

<210> 7990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7990
Gly Ser Cys Pro Lys Ala Ser Ser Leu Arg
1 5 10

<210> 7991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7991
Tyr Met Glu Asp Lys Met Leu Pro Lys
1 5

<210> 7992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7992
Gly Leu Arg Ile Tyr Met Glu Asp Lys
1 5

<210> 7993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 7993
Glu Glu Lys Gly Gly Leu Arg Ile Tyr
1 5

<210> 7994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 7994
Leu Arg Ile Tyr Met Glu Asp Lys Met
1 5

<210> 7995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7995
Arg Ile Tyr Met Glu Asp Lys Met Leu
1 5

<210> 7996
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7996
Ile Tyr Met Glu Asp Lys Met Leu Pro Lys
1 5 10

<210> 7997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7997
Gly Glu Glu Lys Gly Gly Leu Arg Ile Tyr
1 5 10

<210> 7998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7998
Glu Glu Lys Gly Gly Leu Arg Ile Tyr Met

1 5 10

<210> 7999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 7999
Ala Ile Arg Leu Ile Arg Phe Gly Lys
1 5

<210> 8000
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8000
Arg Leu Ile Arg Phe Gly Lys Lys Lys
1 5

<210> 8001
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8001
Glu Leu Glu Ala Ile Arg Leu Ile Arg
1 5

<210> 8002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8002
Leu Glu Ala Ile Arg Leu Ile Arg Phe
1 5

<210> 8003

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8003
Glu Glu Leu Glu Ala Ile Arg Leu Ile
1 5

<210> 8004
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8004
Ala Glu Glu Leu Glu Ala Ile Arg Leu
1 5

<210> 8005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8005
Ala Ile Arg Leu Ile Arg Phe Gly Lys Lys
1 5 10

<210> 8006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8006
Glu Ala Ile Arg Leu Ile Arg Phe Gly Lys
1 5 10

<210> 8007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8007
Glu Glu Leu Glu Ala Ile Arg Leu Ile Arg
1 5 10

<210> 8008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8008
Ala Glu Glu Leu Glu Ala Ile Arg Leu Ile
1 5 10

<210> 8009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8009
Ile Leu Asp Ala Gln Ile Leu Glu Lys
1 5

<210> 8010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8010
Leu Asn Ala Lys Cys His Ala Ile Leu
1 5

<210> 8011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8011
His Ala Ile Leu Asp Ala Gln Ile Leu
1 5

<210> 8012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8012
Ile Leu Asn Ala Lys Cys His Ala Ile Leu
1 5 10

<210> 8013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8013
Ala Ile Leu Asp Ala Gln Ile Leu Glu Lys
1 5 10

<210> 8014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8014
Leu Glu Gln Glu Lys Glu Gln Met Leu
1 5

<210> 8015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8015
Glu Glu Arg Ser Leu Leu Ala Glu Gln Leu
1 5 10

<210> 8016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8016
Ile Phe Glu Ala Arg Gln Gly Glu Phe
1 5

<210> 8017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8017
Glu Met Lys Lys Ile Phe Glu Ala Arg
1 5

<210> 8018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8018
Ala Ile Leu Glu Met Lys Lys Ile Phe
1 5

<210> 8019
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8019
Leu Glu Met Lys Lys Ile Phe Glu Ala
1 5

<210> 8020
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8020
Lys Ile Phe Glu Ala Arg Gln Gly Glu Phe
1 5 10

<210> 8021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8021
Gln Ala Ile Leu Glu Met Lys Lys Ile Phe
1 5 10

<210> 8022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8022
Lys Leu Ala Asp Leu Ser Leu Cys Ile
1 5

<210> 8023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8023
Ala Asp Leu Ser Leu Cys Ile Gln Gln Ile
1 5 10

<210> 8024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8024
Pro Thr Met Arg Val Thr Asn His Lys
1 5

<210> 8025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8025
Arg Val Thr Asn His Lys Pro Ser Arg
1 5

<210> 8026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8026
Val Thr Asn His Lys Pro Ser Arg Arg
1 5

<210> 8027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8027
Arg Val Thr Asn His Lys Pro Ser Arg Arg
1 5 10

<210> 8028
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8028
Asn Ile Ser Ser Met Thr Ile Ser Ile
1 5

<210> 8029
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8029
Thr Ile Ser Ile Gln Asn Thr Trp Lys
1 5

<210> 8030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8030
Met Thr Ile Ser Ile Gln Asn Thr Trp
1 5

<210> 8031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8031
Tyr Gln Asp Asn Ile Ser Ser Met Thr
1 5

<210> 8032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8032
Tyr Gln Asp Asn Ile Ser Ser Met Thr Ile
1 5 10

<210> 8033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8033
Met Thr Ile Ser Ile Gln Asn Thr Trp Lys
1 5 10

<210> 8034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8034
Ser Met Thr Ile Ser Ile Gln Asn Thr Trp
1 5 10

<210> 8035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8035
Ile Leu Arg Asp Arg Gln Ala Leu Phe
1 5

<210> 8036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8036
Asp Ile Ser Ser Pro Lys Ile Leu Arg
1 5

<210> 8037
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8037
Arg Asp Ile Ser Ser Pro Lys Ile Leu
1 5

<210> 8038
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8038
Lys Ile Leu Arg Asp Arg Gln Ala Leu
1 5

<210> 8039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8039
Gly Thr Arg Asp Ile Ser Ser Pro Lys Ile
1 5 10

<210> 8040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8040
Lys Ile Leu Arg Asp Arg Gln Ala Leu Phe
1 5 10

<210> 8041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8041
Arg Glu Asn Arg Lys Leu Lys Lys Asn Ile
1 5 10

<210> 8042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8042
Leu Gln Ser Pro Ala Pro Pro Gln Leu
1 5

<210> 8043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8043
Thr Leu Gln Ser Pro Ala Pro Pro Gln Leu
1 5 10

<210> 8044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8044
Tyr Met Gln Lys Thr Arg Pro Pro Arg
1 5

<210> 8045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8045

Met Gln Lys Thr Arg Pro Pro Arg Lys
1 5

<210> 8046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8046
Tyr Glu Asp Ser Asp Gly Cys Tyr Met
1 5

<210> 8047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8047
Tyr Met Gln Lys Thr Arg Pro Pro Arg Lys
1 5 10

<210> 8048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8048
Met Gln Lys Thr Arg Pro Pro Arg Lys Leu
1 5 10

<210> 8049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8049
Cys Tyr Met Gln Lys Thr Arg Pro Pro Arg
1 5 10

<210> 8050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8050
Phe Ile Pro Gly Val Val Met Ala Met
1 5

<210> 8051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8051
Val Val Met Ala Met Ala Tyr Gly Leu
1 5

<210> 8052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8052
Val Met Ala Met Ala Tyr Gly Leu Ile
1 5

<210> 8053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8053
Ala Met Ala Tyr Gly Leu Ile Ser Arg
1 5

<210> 8054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8054
Met Ala Met Ala Tyr Gly Leu Ile Ser
1 5

<210> 8055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8055
Phe Ile Pro Gly Val Val Met Ala Met Ala
1 5 10

<210> 8056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8056
Val Val Met Ala Met Ala Tyr Gly Leu Ile
1 5 10

<210> 8057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8057
Met Ala Met Ala Tyr Gly Leu Ile Ser Arg
1 5 10

<210> 8058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8058
Phe Phe Ile Pro Gly Val Val Met Ala Met
1 5 10

<210> 8059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8059
Met Ala Tyr Gly Leu Ile Ser Arg Glu Leu
1 5 10

<210> 8060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8060
Ile Pro Gly Val Val Met Ala Met Ala Tyr
1 5 10

<210> 8061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8061
Val Leu Phe Glu Asp Met Ile Thr Leu
1 5

<210> 8062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8062
Ser Ser His Phe Pro Tyr Ile Gln Tyr

1 5

<210> 8063
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8063
His Phe Pro Tyr Ile Gln Tyr Gln Phe
1 5

<210> 8064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8064
Ile Gln Tyr Gln Phe Trp Lys Asn Phe
1 5

<210> 8065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8065
Phe Pro Tyr Ile Gln Tyr Gln Phe Trp
1 5

<210> 8066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8066
Cys Ser Ser His Phe Pro Tyr Ile Gln Tyr
1 5 10

<210> 8067

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8067
Tyr Thr Cys Ser Ser His Phe Pro Tyr Ile
1 5 10

<210> 8068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8068
Ser His Phe Pro Tyr Ile Gln Tyr Gln Phe
1 5 10

<210> 8069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8069
His Phe Pro Tyr Ile Gln Tyr Gln Phe Trp
1 5 10

<210> 8070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8070
Tyr Ile Gln Tyr Gln Phe Trp Lys Asn Phe
1 5 10

<210> 8071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8071
Phe Ile Asn Arg Met Asp Glu Ser Leu
1 5

<210> 8072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8072
Arg Met Asp Glu Ser Leu Asn Ile Val
1 5

<210> 8073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8073
Asp Glu Ser Leu Asn Ile Val Lys Tyr
1 5

<210> 8074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8074
Arg Met Asp Glu Ser Leu Asn Ile Val Lys
1 5 10

<210> 8075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8075
Ser Phe Ile Asn Arg Met Asp Glu Ser Leu
1 5 10

<210> 8076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8076
Met Asp Glu Ser Leu Asn Ile Val Lys Tyr
1 5 10

<210> 8077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8077
His Ile Phe His Gln Leu Ile Gln Ile
1 5

<210> 8078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8078
Ile Gln Ile Thr His Asn Gly Thr Ile
1 5

<210> 8079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8079
Ser His Ile Phe His Gln Leu Ile Gln Ile
1 5 10

<210> 8080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8080
Arg Ile Gln Pro Ala Val Lys Tyr Phe
1 5

<210> 8081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8081
Lys Tyr Phe Gln Val Asn Ile Thr Ala
1 5

<210> 8082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8082
Ala Val Lys Tyr Phe Gln Val Asn Ile
1 5

<210> 8083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8083
Leu Arg Ile Gln Pro Ala Val Lys Tyr
1 5

<210> 8084
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8084
Gln Pro Ala Val Lys Tyr Phe Gln Val
1 5

<210> 8085
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8085
Ile Gln Pro Ala Val Lys Tyr Phe Gln Val
1 5 10

<210> 8086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8086
Thr Leu Arg Ile Gln Pro Ala Val Lys Tyr
1 5 10

<210> 8087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8087
Leu Arg Ile Gln Pro Ala Val Lys Tyr Phe
1 5 10

<210> 8088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8088
Val Lys Tyr Phe Gln Val Asn Ile Thr Ala
1 5 10

<210> 8089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8089
Lys Thr Tyr Ile Gln Gln Lys Thr Arg
1 5

<210> 8090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8090
Pro Ser Lys Thr Tyr Ile Gln Gln Lys
1 5

<210> 8091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8091
Gln Gln Lys Thr Arg Asp Glu Asn Ile Lys
1 5 10

<210> 8092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8092
Ile Gln Gln Lys Thr Arg Asp Glu Asn Ile
1 5 10

<210> 8093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8093
Val Glu Val Asn Val Gln Gly Ala Met
1 5

<210> 8094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8094
Met Gly Ile Leu Cys Ala Asn Gly Trp
1 5

<210> 8095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8095
Glu Val Asn Val Gln Gly Ala Met Gly Ile
1 5 10

<210> 8096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8096
Lys Val Glu Val Asn Val Gln Gly Ala Met
1 5 10

<210> 8097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8097
Val Gln Gly Ala Met Gly Ile Leu Cys Ala
1 5 10

<210> 8098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8098
Ala Met Gly Ile Leu Cys Ala Asn Gly Trp
1 5 10

<210> 8099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8099
Leu Thr Phe Gly Gly Thr Pro Asn Leu
1 5

<210> 8100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8100
Ser Thr Ile Phe Gln Ser Leu Thr Phe
1 5

<210> 8101
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8101
Ser Leu Thr Phe Gly Gly Thr Pro Asn Leu
1 5 10

<210> 8102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8102
Phe Gln Ser Leu Thr Phe Gly Gly Thr Pro
1 5 10

<210> 8103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8103
Phe Thr Asn Ser Thr Leu Ala Gln Thr
1 5

<210> 8104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8104
Ser Ser Phe Thr Asn Ser Thr Leu Ala
1 5

<210> 8105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8105
Thr Ser Ser Phe Thr Asn Ser Thr Leu
1 5

<210> 8106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8106
Leu Ala Gln Thr Gln Gly Ser Gly Trp
1 5

<210> 8107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8107
Gln Thr Ser Ser Phe Thr Asn Ser Thr Leu
1 5 10

<210> 8108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8108
Thr Ser Ser Phe Thr Asn Ser Thr Leu Ala
1 5 10

<210> 8109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8109

Thr Leu Ala Gln Thr Gln Gly Ser Gly Trp
1 5 10

<210> 8110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8110
Leu Ser Asp Leu Glu Leu Leu Phe Cys
1 5

<210> 8111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8111
Glu Leu Leu Phe Cys Phe Tyr Leu Phe
1 5

<210> 8112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8112
Leu Phe Cys Phe Tyr Leu Phe Gly Leu
1 5

<210> 8113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8113
Cys Phe Tyr Leu Phe Gly Leu Thr Arg
1 5

<210> 8114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8114
Ser Asp Leu Glu Leu Leu Phe Cys Phe
1 5

<210> 8115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8115
Leu Glu Leu Leu Phe Cys Phe Tyr Leu
1 5

<210> 8116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8116
Leu Ser Asp Leu Glu Leu Leu Phe Cys Phe
1 5 10

<210> 8117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8117
Leu Leu Phe Cys Phe Tyr Leu Phe Gly Leu
1 5 10

<210> 8118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8118
Ser Asp Leu Glu Leu Leu Phe Cys Phe Tyr
1 5 10

<210> 8119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8119
Phe Cys Phe Tyr Leu Phe Gly Leu Thr Arg
1 5 10

<210> 8120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8120
Leu Glu Leu Leu Phe Cys Phe Tyr Leu Phe
1 5 10

<210> 8121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8121
Arg Leu Ser Pro Ser Ala Ala Ser Arg
1 5

<210> 8122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8122
Ala Ser Arg Ser Arg Pro Ser Pro Ile
1 5

<210> 8123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8123
Arg Ser Arg Pro Ser Pro Ile Ala Ala
1 5

<210> 8124
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8124
Ala Gly Arg Ala Pro Thr Ala Trp Arg
1 5

<210> 8125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8125
Val Pro Gln Arg Leu Ser Pro Ser Ala
1 5

<210> 8126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8126
Ser Pro Ile Ala Ala Gly Arg Ala Pro

1 5

<210> 8127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8127
Ala Ala Gly Arg Ala Pro Thr Ala Trp
1 5

<210> 8128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8128
Ala Ala Ser Arg Ser Arg Pro Ser Pro Ile
1 5 10

<210> 8129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8129
Ala Ser Arg Ser Arg Pro Ser Pro Ile Ala
1 5 10

<210> 8130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8130
Arg Ser Arg Pro Ser Pro Ile Ala Ala Gly
1 5 10

<210> 8131

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8131
Ala Trp Arg Gly Trp Gly Ser Cys Arg Arg
1 5 10

<210> 8132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8132
Thr Ala Trp Arg Gly Trp Gly Ser Cys Arg
1 5 10

<210> 8133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8133
Glu Val Pro Gln Arg Leu Ser Pro Ser Ala
1 5 10

<210> 8134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8134
Val Pro Gln Arg Leu Ser Pro Ser Ala Ala
1 5 10

<210> 8135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8135
Arg Pro Ser Pro Ile Ala Ala Gly Arg Ala
1 5 10

<210> 8136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8136
Ser Pro Ile Ala Ala Gly Arg Ala Pro Thr
1 5 10

<210> 8137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8137
Ala Glu Val Pro Gln Arg Leu Ser Pro Ser
1 5 10

<210> 8138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8138
Ile Ala Ala Gly Arg Ala Pro Thr Ala Trp
1 5 10

<210> 8139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8139
Lys Pro Trp Ser His Gly Asn Val Ser
1 5

<210> 8140
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8140
Phe Leu Lys Pro Trp Ser His Gly Asn Val
1 5 10

<210> 8141
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8141
Lys Pro Trp Ser His Gly Asn Val Ser Lys
1 5 10

<210> 8142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8142
His Gly Asn Val Ser Lys Gln Glu Leu Lys
1 5 10

<210> 8143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8143
Asp Ser Ile Thr Thr Cys Lys Glu Val
1 5

<210> 8144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8144
Cys Leu Ser Trp Ser Ser Arg Ile Val
1 5

<210> 8145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8145
Arg Ile Val Ala Pro Gly His Ala Leu
1 5

<210> 8146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8146
Arg Thr Arg Arg Arg Trp Ser Ser Lys
1 5

<210> 8147
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8147
Arg Gly Lys Asn Ile Gln Gly Gly Arg
1 5

<210> 8148
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8148
Ser Ser Arg Ile Val Ala Pro Gly His
1 5

<210> 8149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8149
His Ala Leu Ser Cys Arg Thr Arg Arg
1 5

<210> 8150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8150
Leu Ser Trp Ser Ser Arg Ile Val Ala
1 5

<210> 8151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8151
Ser Ser Arg Ile Val Ala Pro Gly His Ala
1 5 10

<210> 8152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8152
His Ala Leu Ser Cys Arg Thr Arg Arg Arg
1 5 10

<210> 8153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8153
Ile Gln Gly Gly Arg Pro Ser Pro Cys Leu
1 5 10

<210> 8154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8154
Gly Gly Arg Pro Ser Pro Cys Leu Ser Trp
1 5 10

<210> 8155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8155
Ser Arg Ile Val Ala Pro Gly His Ala Leu
1 5 10

<210> 8156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8156
Ser Pro Cys Leu Ser Trp Ser Ser Arg Ile
1 5 10

<210> 8157
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8157
Asn Leu Lys Trp Ser Thr Ala Val Lys
1 5

<210> 8158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8158
Ser Thr Ala Val Lys Phe Cys Lys Lys
1 5

<210> 8159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8159
Trp Ser Thr Ala Val Lys Phe Cys Lys
1 5

<210> 8160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8160
Thr Ala Val Lys Phe Cys Lys Lys Lys
1 5

<210> 8161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8161
Leu Lys Trp Ser Thr Ala Val Lys Phe
1 5

<210> 8162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8162
Lys Trp Ser Thr Ala Val Lys Phe Cys Lys
1 5 10

<210> 8163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8163
Trp Ser Thr Ala Val Lys Phe Cys Lys Lys
1 5 10

<210> 8164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8164
Ser Thr Ala Val Lys Phe Cys Lys Lys Lys
1 5 10

<210> 8165
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8165
Asn Leu Lys Trp Ser Thr Ala Val Lys Phe
1 5 10

<210> 8166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8166
Ala Leu Pro Asp Pro Gln Gln Pro Leu
1 5

<210> 8167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8167
Asp Pro Gln Gln Pro Leu Pro Ser Leu
1 5

<210> 8168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8168
Gln Pro Leu Pro Ser Leu Arg Pro Trp
1 5

<210> 8169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8169
Ser Ala Leu Pro Asp Pro Gln Gln Pro Leu
1 5 10

<210> 8170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8170
Gln Gln Pro Leu Pro Ser Leu Arg Pro Trp
1 5 10

<210> 8171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8171
Glu Glu Asp His Thr His Glu Gly Leu
1 5

<210> 8172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8172
Met Glu Glu Asp His Thr His Glu Gly Leu
1 5 10

<210> 8173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8173

His Glu Gly Leu Asp Ile Asp Gln Thr Ala
1 5 10

<210> 8174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8174
Met Glu Glu Asp His Thr Asp Glu Gly Leu
1 5 10

<210> 8175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8175
Gly Met Ala Pro Ser Ser Ala Ala Ala
1 5

<210> 8176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8176
His Gln Asp Cys Phe Glu Gly Gly Met
1 5

<210> 8177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8177
Phe Glu Gly Gly Met Ala Pro Ser Ser
1 5

<210> 8178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8178
Phe Glu Gly Gly Met Ala Pro Ser Ser Ala
1 5 10

<210> 8179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8179
Phe Leu Gly Phe Val Ala Phe Pro Ala
1 5

<210> 8180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8180
Phe Val Ala Phe Pro Ala Ile Pro Gly
1 5

<210> 8181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8181
Leu Gly Phe Val Ala Phe Pro Ala Ile
1 5

<210> 8182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8182
Phe Leu Gly Phe Val Ala Phe Pro Ala Ile
1 5 10

<210> 8183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8183
Phe Val Ala Phe Pro Ala Ile Pro Gly Ala
1 5 10

<210> 8184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8184
Lys Phe Leu Gly Phe Val Ala Phe Pro Ala
1 5 10

<210> 8185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8185
Asn Met Asp Phe Leu Thr Leu Arg His
1 5

<210> 8186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8186
Leu Leu Ser Gly Ser Asn Pro Pro Ile
1 5

<210> 8187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8187
Gly Met Leu Pro Leu Glu Ile Ala Leu
1 5

<210> 8188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8188
Met Leu Pro Leu Glu Ile Ala Leu Thr
1 5

<210> 8189
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8189
Leu Thr Ile Ser Pro Phe Ser Thr Val
1 5

<210> 8190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8190
His Leu Met Trp Met Asn Met Asn Ile

1 5

<210> 8191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8191
Asn Ile Met Ser Glu Leu Lys Met Val
1 5

<210> 8192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8192
Ile Met Ser Glu Leu Lys Met Val Thr
1 5

<210> 8193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8193
Ser Thr Val Cys Arg Glu Ser Glu Arg
1 5

<210> 8194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8194
Asn Met Asn Ile Met Ser Glu Leu Lys
1 5

<210> 8195

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8195
Ile Phe His Ser Gly Met Leu Pro Leu
1 5

<210> 8196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8196
Asp Tyr Asn Met Asp Phe Leu Thr Leu
1 5

<210> 8197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8197
Lys Met Val Thr Ser Thr Gly Leu Phe
1 5

<210> 8198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8198
Tyr Asn Met Asp Phe Leu Thr Leu Arg
1 5

<210> 8199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8199
Glu Ile Ala Leu Thr Ile Ser Pro Phe
1 5

<210> 8200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8200
Met Asn Met Asn Ile Met Ser Glu Leu
1 5

<210> 8201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8201
Pro Pro Ile Phe His Ser Gly Met Leu
1 5

<210> 8202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8202
Leu Pro Leu Glu Ile Ala Leu Thr Ile
1 5

<210> 8203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8203
Leu Met Trp Met Asn Met Asn Ile Met
1 5

<210> 8204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8204
Leu Ser Gly Ser Asn Pro Pro Ile Phe
1 5

<210> 8205
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8205
Leu Glu Ile Ala Leu Thr Ile Ser Pro
1 5

<210> 8206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8206
Arg Glu Ser Glu Arg Asp Tyr Asn Met
1 5

<210> 8207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8207
Ser Glu Arg Asp Tyr Asn Met Asp Phe
1 5

<210> 8208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8208
Met Asp Phe Leu Thr Leu Arg His Leu
1 5

<210> 8209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8209
Leu Arg His Leu Met Trp Met Asn Met
1 5

<210> 8210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8210
Met Asn Ile Met Ser Glu Leu Lys Met
1 5

<210> 8211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8211
Ser Glu Leu Lys Met Val Thr Ser Thr
1 5

<210> 8212
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8212
Leu Lys Met Val Thr Ser Thr Gly Leu
1 5

<210> 8213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8213
Arg Asp Tyr Asn Met Asp Phe Leu Thr
1 5

<210> 8214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8214
Ala Leu Leu Ser Gly Ser Asn Pro Pro Ile
1 5 10

<210> 8215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8215
Met Leu Pro Leu Glu Ile Ala Leu Thr Ile
1 5 10

<210> 8216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8216
Ala Leu Thr Ile Ser Pro Phe Ser Thr Val
1 5 10

<210> 8217
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8217
Asn Met Asp Phe Leu Thr Leu Arg His Leu
1 5 10

<210> 8218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8218
Phe Leu Thr Leu Arg His Leu Met Trp Met
1 5 10

<210> 8219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8219
His Leu Met Trp Met Asn Met Asn Ile Met
1 5 10

<210> 8220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8220
Trp Met Asn Met Asn Ile Met Ser Glu Leu
1 5 10

<210> 8221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8221
Thr Ile Ser Pro Phe Ser Thr Val Cys Arg
1 5 10

<210> 8222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8222
Met Asn Met Asn Ile Met Ser Glu Leu Lys
1 5 10

<210> 8223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8223
Asp Phe Leu Thr Leu Arg His Leu Met Trp
1 5 10

<210> 8224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8224
Arg His Leu Met Trp Met Asn Met Asn Ile
1 5 10

<210> 8225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8225
Thr Leu Arg His Leu Met Trp Met Asn Met
1 5 10

<210> 8226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8226
Phe Ser Thr Val Cys Arg Glu Ser Glu Arg
1 5 10

<210> 8227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8227
Asp Tyr Asn Met Asp Phe Leu Thr Leu Arg
1 5 10

<210> 8228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8228
Glu Ile Ala Leu Thr Ile Ser Pro Phe Ser
1 5 10

<210> 8229
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8229
Asn Pro Pro Ile Phe His Ser Gly Met Leu
1 5 10

<210> 8230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8230
Glu Leu Lys Met Val Thr Ser Thr Gly Leu
1 5 10

<210> 8231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8231
Leu Leu Ser Gly Ser Asn Pro Pro Ile Phe
1 5 10

<210> 8232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8232
Leu Glu Ile Ala Leu Thr Ile Ser Pro Phe
1 5 10

<210> 8233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8233
Leu Lys Met Val Thr Ser Thr Gly Leu Phe
1 5 10

<210> 8234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8234
Phe His Ser Gly Met Leu Pro Leu Glu Ile
1 5 10

<210> 8235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8235
Ser Gly Met Leu Pro Leu Glu Ile Ala Leu
1 5 10

<210> 8236
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8236
Ser Glu Arg Asp Tyr Asn Met Asp Phe Leu
1 5 10

<210> 8237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8237

Arg Asp Tyr Asn Met Asp Phe Leu Thr Leu
1 5 10

<210> 8238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8238
Tyr Asn Met Asp Phe Leu Thr Leu Arg His
1 5 10

<210> 8239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8239
Met Asp Phe Leu Thr Leu Arg His Leu Met
1 5 10

<210> 8240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8240
Asn Met Asn Ile Met Ser Glu Leu Lys Met
1 5 10

<210> 8241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8241
Thr Ser Thr Gly Leu Phe Gln Glu Asn Phe
1 5 10

<210> 8242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8242
Leu Pro Leu Glu Ile Ala Leu Thr Ile Ser
1 5 10

<210> 8243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8243
Leu Glu Gly Asp Tyr Phe Cys Gln Lys Leu
1 5 10

<210> 8244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8244
Lys Val Lys Lys Ser Ile Phe Leu Ala
1 5

<210> 8245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8245
Ile Pro Asp Lys Val Lys Lys Ser Ile
1 5

<210> 8246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8246
Ala Lys Glu Ser Ser Gly Arg Ala Tyr
1 5

<210> 8247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8247
Lys Glu Ser Ser Gly Arg Ala Tyr Val
1 5

<210> 8248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8248
Phe Leu Ala Lys Glu Ser Ser Gly Arg Ala
1 5 10

<210> 8249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8249
Lys Val Lys Lys Ser Ile Phe Leu Ala Lys
1 5 10

<210> 8250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8250
Leu Ala Lys Glu Ser Ser Gly Arg Ala Tyr
1 5 10

<210> 8251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8251
Ile Phe Leu Ala Lys Glu Ser Ser Gly Arg
1 5 10

<210> 8252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8252
Ile Pro Asp Lys Val Lys Lys Ser Ile Phe
1 5 10

<210> 8253
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8253
Gln Ile Gln Ala Phe Asn His Lys Lys
1 5

<210> 8254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8254
Ala Phe Asn His Lys Lys Gln Gln Gln Lys

1 5 10

<210> 8255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8255
Thr Leu Trp His Leu Gln Lys Glu Val
1 5

<210> 8256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8256
Leu Gln Lys Glu Val Ala Leu Ser Val
1 5

<210> 8257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8257
Glu Val Ala Leu Ser Val Leu Ser Lys
1 5

<210> 8258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8258
Trp His Leu Gln Lys Glu Val Ala Leu
1 5

<210> 8259

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8259
Gln Lys Glu Val Ala Leu Ser Val Leu
1 5

<210> 8260
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8260
Lys Glu Val Ala Leu Ser Val Leu Ser
1 5

<210> 8261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8261
His Leu Gln Lys Glu Val Ala Leu Ser Val
1 5 10

<210> 8262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8262
Leu Gln Lys Glu Val Ala Leu Ser Val Leu
1 5 10

<210> 8263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8263
Thr Thr Leu Trp His Leu Gln Lys Glu Val
1 5 10

<210> 8264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8264
Lys Glu Val Ala Leu Ser Val Leu Ser Lys
1 5 10

<210> 8265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8265
Met Asp Lys Ile Ser Pro Glu Ala Trp
1 5

<210> 8266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8266
Lys Ile Ser Pro Glu Ala Trp Cys Ala Ala
1 5 10

<210> 8267
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8267
Ala Met Met Ile Leu Leu Leu Ser Leu
1 5

<210> 8268
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8268
Met Met Ile Leu Leu Leu Ser Leu Val
1 5

<210> 8269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8269
Leu Leu Leu Ser Leu Val Ile Gln Leu
1 5

<210> 8270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8270
Leu Leu Ser Leu Val Ile Gln Leu Ala
1 5

<210> 8271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8271
Ser Leu Val Ile Gln Leu Ala Leu Leu
1 5

<210> 8272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8272
Ala Leu Leu Phe His Cys Trp Asp Met
1 5

<210> 8273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8273
Cys Leu Ile Ser Arg Lys Ala Met Met
1 5

<210> 8274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8274
Leu Ile Ser Arg Lys Ala Met Met Ile
1 5

<210> 8275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8275
Leu Val Glu Cys Leu Ile Ser Arg Lys
1 5

<210> 8276
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8276
Ile Ala Arg Gln Ile Gly Leu Pro Lys
1 5

<210> 8277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8277
Leu Val Ile Gln Leu Ala Leu Leu Phe
1 5

<210> 8278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8278
Leu Phe His Cys Trp Asp Met Tyr Ile
1 5

<210> 8279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8279
Met Tyr Ile Ala Arg Gln Ile Gly Leu
1 5

<210> 8280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8280
Ile Ser Arg Lys Ala Met Met Ile Leu
1 5

<210> 8281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8281
Lys Leu Ala Glu Gly Glu Gln Ser Tyr
1 5

<210> 8282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8282
Leu Leu Phe His Cys Trp Asp Met Tyr
1 5

<210> 8283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8283
Tyr Leu Val Glu Cys Leu Ile Ser Arg
1 5

<210> 8284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8284
His Cys Trp Asp Met Tyr Ile Ala Arg
1 5

<210> 8285
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8285
Ser Arg Lys Ala Met Met Ile Leu Leu
1 5

<210> 8286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8286
Arg Lys Ala Met Met Ile Leu Leu Leu
1 5

<210> 8287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8287
Met Ile Leu Leu Leu Ser Leu Val Ile
1 5

<210> 8288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8288
Leu Ser Leu Val Ile Gln Leu Ala Leu
1 5

<210> 8289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8289
Asp Gln Asn Val Thr Lys Arg Ala Leu
1 5

<210> 8290
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8290
Ala Glu Gly Glu Gln Ser Tyr Leu Val
1 5

<210> 8291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8291
Gly Glu Gln Ser Tyr Leu Val Glu Cys
1 5

<210> 8292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8292
Val Glu Cys Leu Ile Ser Arg Lys Ala
1 5

<210> 8293
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8293
Trp Asp Met Tyr Ile Ala Arg Gln Ile
1 5

<210> 8294
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8294
Lys Leu Ala Glu Gly Glu Gln Ser Tyr Leu
1 5 10

<210> 8295
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8295
Cys Leu Ile Ser Arg Lys Ala Met Met Ile
1 5 10

<210> 8296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8296
Lys Ala Met Met Ile Leu Leu Leu Ser Leu
1 5 10

<210> 8297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8297
Ala Met Met Ile Leu Leu Leu Ser Leu Val
1 5 10

<210> 8298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8298
Met Met Ile Leu Leu Leu Ser Leu Val Ile
1 5 10

<210> 8299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8299
Ile Leu Leu Leu Ser Leu Val Ile Gln Leu
1 5 10

<210> 8300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8300
Leu Leu Leu Ser Leu Val Ile Gln Leu Ala
1 5 10

<210> 8301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8301

Leu Leu Ser Leu Val Ile Gln Leu Ala Leu
1 5 10

<210> 8302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8302
Leu Leu Phe His Cys Trp Asp Met Tyr Ile
1 5 10

<210> 8303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8303
Tyr Ile Ala Arg Gln Ile Gly Leu Pro Lys
1 5 10

<210> 8304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8304
Tyr Leu Val Glu Cys Leu Ile Ser Arg Lys
1 5 10

<210> 8305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8305
Ser Leu Val Ile Gln Leu Ala Leu Leu Phe
1 5 10

<210> 8306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8306
Ile Gln Leu Ala Leu Leu Phe His Cys Trp
1 5 10

<210> 8307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8307
Ile Ser Arg Lys Ala Met Met Ile Leu Leu
1 5 10

<210> 8308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8308
Ala Leu Leu Phe His Cys Trp Asp Met Tyr
1 5 10

<210> 8309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8309
Ser Lys Leu Ala Glu Gly Glu Gln Ser Tyr
1 5 10

<210> 8310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8310
Gly Glu Gln Ser Tyr Leu Val Glu Cys Leu
1 5 10

<210> 8311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8311
Val Glu Cys Leu Ile Ser Arg Lys Ala Met
1 5 10

<210> 8312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8312
Ser Arg Lys Ala Met Met Ile Leu Leu Leu
1 5 10

<210> 8313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8313
Leu Ala Leu Leu Phe His Cys Trp Asp Met
1 5 10

<210> 8314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8314
Val Ile Ser Ser Asp Thr Val Pro Leu
1 5

<210> 8315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8315
Ala Val Ile Ser Ser Asp Thr Val Pro Leu
1 5 10

<210> 8316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8316
Asp Ser Ala Val Ile Ser Ser Asp Thr Val
1 5 10

<210> 8317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8317
Lys Gln Ile Ser Tyr Ser Thr Gly Val
1 5

<210> 8318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8318
Ser Tyr Ser Thr Gly Val Cys Ser Ile

1 5

<210> 8319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8319
Lys Gln Lys Gln Ile Ser Tyr Ser Thr
1 5

<210> 8320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8320
Lys Gln Lys Gln Ile Ser Tyr Ser Thr Gly
1 5 10

<210> 8321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8321
Lys Gln Ile Ser Tyr Ser Thr Gly Val Cys
1 5 10

<210> 8322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8322
Ile Ser Tyr Ser Thr Gly Val Cys Ser Ile
1 5 10

<210> 8323

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8323
Ala Ile Ala Ala Thr Val Gly Ser Val
1 5

<210> 8324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8324
Phe Ile Trp Pro Ser Phe Met Val Met
1 5

<210> 8325
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8325
Met Val Met Thr Met Leu Arg Asn Ile
1 5

<210> 8326
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8326
Thr Met Leu Arg Asn Ile Trp Arg Ala
1 5

<210> 8327
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8327
Ala Thr Val Gly Ser Val Thr Ala Ala
1 5

<210> 8328
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8328
Thr Val Gly Ser Val Thr Ala Ala Val
1 5

<210> 8329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8329
Met Thr Met Leu Arg Asn Ile Trp Arg
1 5

<210> 8330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8330
Ser Ser Phe Ile Trp Pro Ser Phe Met
1 5

<210> 8331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8331
Ser Phe Met Val Met Thr Met Leu Arg
1 5

<210> 8332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8332
Ser Phe Ile Trp Pro Ser Phe Met Val
1 5

<210> 8333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8333
Met Leu Arg Asn Ile Trp Arg Ala Tyr
1 5

<210> 8334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8334
Leu Arg Asn Ile Trp Arg Ala Tyr Lys
1 5

<210> 8335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8335
Arg Asn Ile Trp Arg Ala Tyr Lys Arg
1 5

<210> 8336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8336
Cys Pro Pro Val Val Gly Ser Ala Ile
1 5

<210> 8337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8337
Trp Pro Ser Phe Met Val Met Thr Met
1 5

<210> 8338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8338
Ala Ala Val Pro Gln Glu Ser Ser Phe
1 5

<210> 8339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8339
Glu Ser Ser Phe Ile Trp Pro Ser Phe
1 5

<210> 8340
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8340
Val Met Thr Met Leu Arg Asn Ile Trp
1 5

<210> 8341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8341
Gln Glu Ser Ser Phe Ile Trp Pro Ser
1 5

<210> 8342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8342
Val Pro Gln Glu Ser Ser Phe Ile Trp
1 5

<210> 8343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8343
Asp Pro Asp Trp Val Cys Pro Pro Val
1 5

<210> 8344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8344
Val Val Gly Ser Ala Ile Ala Ala Thr Val
1 5 10

<210> 8345
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8345
Ala Thr Val Gly Ser Val Thr Ala Ala Val
1 5 10

<210> 8346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8346
Ser Ser Phe Ile Trp Pro Ser Phe Met Val
1 5 10

<210> 8347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8347
Phe Ile Trp Pro Ser Phe Met Val Met Thr
1 5 10

<210> 8348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8348
Phe Met Val Met Thr Met Leu Arg Asn Ile
1 5 10

<210> 8349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8349
Met Thr Met Leu Arg Asn Ile Trp Arg Ala
1 5 10

<210> 8350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8350
Ser Ala Ile Ala Ala Thr Val Gly Ser Val
1 5 10

<210> 8351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8351
Met Leu Arg Asn Ile Trp Arg Ala Tyr Lys
1 5 10

<210> 8352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8352
Pro Ser Phe Met Val Met Thr Met Leu Arg
1 5 10

<210> 8353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8353
Ser Phe Ile Trp Pro Ser Phe Met Val Met
1 5 10

<210> 8354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8354
Ile Trp Pro Ser Phe Met Val Met Thr Met
1 5 10

<210> 8355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8355
Met Val Met Thr Met Leu Arg Asn Ile Trp
1 5 10

<210> 8356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8356
Thr Met Leu Arg Asn Ile Trp Arg Ala Tyr
1 5 10

<210> 8357
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8357
Val Met Thr Met Leu Arg Asn Ile Trp Arg
1 5 10

<210> 8358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8358
Trp Val Cys Pro Pro Val Val Gly Ser Ala
1 5 10

<210> 8359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8359
Glu Ser Ser Phe Ile Trp Pro Ser Phe Met
1 5 10

<210> 8360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8360
Trp Pro Ser Phe Met Val Met Thr Met Leu
1 5 10

<210> 8361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8361
Thr Ala Ala Val Pro Gln Glu Ser Ser Phe
1 5 10

<210> 8362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8362
Ile Ala Ala Thr Val Gly Ser Val Thr Ala
1 5 10

<210> 8363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8363
Gln Glu Ser Ser Phe Ile Trp Pro Ser Phe
1 5 10

<210> 8364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8364
Asp Pro Asp Trp Val Cys Pro Pro Val Val
1 5 10

<210> 8365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8365

Cys Pro Pro Val Val Gly Ser Ala Ile Ala
1 5 10

<210> 8366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8366
Val Ser Ser Asn Gly Asn Ala Val Lys
1 5

<210> 8367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8367
Ala Val Ser Ser Asn Gly Asn Ala Val Lys
1 5 10

<210> 8368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8368
Ala Val Lys Asp Pro Met Glu Ile Leu Ile
1 5 10

<210> 8369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8369
Thr Val Thr Tyr Gln Asn Asp Asn Lys
1 5

<210> 8370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8370
Met Glu Ile Leu Ile Thr Val Thr Tyr
1 5

<210> 8371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8371
Tyr Gln Asn Asp Asn Lys Pro Glu Phe
1 5

<210> 8372
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8372
Ile Thr Val Thr Tyr Gln Asn Asp Asn Lys
1 5 10

<210> 8373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8373
Thr Tyr Gln Asn Asp Asn Lys Pro Glu Phe
1 5 10

<210> 8374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8374
Arg Leu Tyr Thr Leu Lys Val Lys Ala
1 5

<210> 8375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8375
Lys Val Lys Ala Glu Asn Thr His Val
1 5

<210> 8376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8376
Leu Lys Val Lys Ala Glu Asn Thr His
1 5

<210> 8377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8377
Leu Lys Val Lys Ala Glu Asn Thr His Val
1 5 10

<210> 8378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8378
Thr Thr Cys Val Ala Val Phe Val Arg
1 5

<210> 8379
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8379
Glu Thr Thr Cys Val Ala Val Phe Val
1 5

<210> 8380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8380
Lys Glu Thr Thr Cys Val Ala Val Phe
1 5

<210> 8381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8381
Glu Thr Thr Cys Val Ala Val Phe Val Arg
1 5 10

<210> 8382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8382
Thr Thr Cys Val Ala Val Phe Val Arg Ile

1 5 10

<210> 8383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8383
Asn Pro Lys Glu Thr Thr Cys Val Ala Val
1 5 10

<210> 8384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8384
Lys Glu Thr Thr Cys Val Ala Val Phe Val
1 5 10

<210> 8385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8385
Tyr Pro Ile Gln Arg Ser Thr Gly Thr
1 5

<210> 8386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8386
Ile Gln Arg Ser Thr Gly Thr Leu Thr
1 5

<210> 8387

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8387
Gln Arg Ser Thr Gly Thr Leu Thr Ile
1 5

<210> 8388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8388
Ile Gln Arg Ser Thr Gly Thr Leu Thr Ile
1 5 10

<210> 8389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8389
Tyr Pro Ile Gln Arg Ser Thr Gly Thr Leu
1 5 10

<210> 8390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8390
Thr Leu Ser Ala Gln Ala Ile Asn Arg
1 5

<210> 8391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8391
Phe Tyr Thr Leu Ser Ala Gln Ala Ile
1 5

<210> 8392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8392
Glu Lys Ala Phe Tyr Thr Leu Ser Ala
1 5

<210> 8393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8393
Lys Ala Phe Tyr Thr Leu Ser Ala Gln
1 5

<210> 8394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8394
Tyr Thr Leu Ser Ala Gln Ala Ile Asn Arg
1 5 10

<210> 8395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8395
Ala Phe Tyr Thr Leu Ser Ala Gln Ala Ile
1 5 10

<210> 8396
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8396
Lys Ala Phe Tyr Thr Leu Ser Ala Gln Ala
1 5 10

<210> 8397
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8397
Thr Leu Ser Ala Gln Ala Ile Asn Arg Arg
1 5 10

<210> 8398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8398
Ser Ala Gln Ala Ile Asn Arg Arg Thr Leu
1 5 10

<210> 8399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8399
Glu Glu Lys Ala Phe Tyr Thr Leu Ser Ala
1 5 10

<210> 8400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8400
Arg Glu Glu Lys Ala Phe Tyr Thr Leu Ser
1 5 10

<210> 8401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8401
Thr Phe Ile Ser Asn Gly Pro Phe Lys
1 5

<210> 8402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8402
Asn Val His Ile Asp Pro Thr Phe Ile
1 5

<210> 8403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8403
Ala Asn Val His Ile Asp Pro Thr Phe
1 5

<210> 8404
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8404
Pro Thr Phe Ile Ser Asn Gly Pro Phe
1 5

<210> 8405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8405
Pro Thr Phe Ile Ser Asn Gly Pro Phe Lys
1 5 10

<210> 8406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8406
Glu Ala Ala Asn Val His Ile Asp Pro Thr
1 5 10

<210> 8407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8407
Ala Ala Asn Val His Ile Asp Pro Thr Phe
1 5 10

<210> 8408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8408
Asp Pro Thr Phe Ile Ser Asn Gly Pro Phe
1 5 10

<210> 8409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8409
Thr Gln Ala Phe Asn Ile Gly Ala Leu
1 5

<210> 8410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8410
Gln Ala Phe Asn Ile Gly Ala Leu Arg
1 5

<210> 8411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8411
Asn Ile Gly Ala Leu Arg Asn Pro Lys
1 5

<210> 8412
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8412
Asp Thr Gln Ala Phe Asn Ile Gly Ala
1 5

<210> 8413
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8413
Glu Glu Asp Thr Gln Ala Phe Asn Ile
1 5

<210> 8414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8414
Thr Gln Ala Phe Asn Ile Gly Ala Leu Arg
1 5 10

<210> 8415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8415
Asp Thr Gln Ala Phe Asn Ile Gly Ala Leu
1 5 10

<210> 8416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8416
Gly Glu Glu Asp Thr Gln Ala Phe Asn Ile
1 5 10

<210> 8417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8417
Leu Cys Leu Pro Arg Gln Arg Pro Thr Met
1 5 10

<210> 8418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8418
Arg Gln Arg Pro Thr Met Glu Asp Asn Thr
1 5 10

<210> 8419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8419
Phe Ile Lys Gln Arg Leu Ser Glu Ala
1 5

<210> 8420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8420
Lys Gln Arg Leu Ser Glu Ala Asp Leu
1 5

<210> 8421
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8421
Ser Glu Ala Asp Leu Asp Pro Ser Val
1 5

<210> 8422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8422
Ser Thr Arg Val Val Tyr Ser Ile Leu
1 5

<210> 8423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8423
Tyr Gly Asn Ser Thr Arg Val Val Tyr
1 5

<210> 8424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8424
Asn Ser Thr Arg Val Val Tyr Ser Ile
1 5

<210> 8425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8425
Ser Thr Arg Val Val Tyr Ser Ile Leu Gln
1 5 10

<210> 8426
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8426
Lys Ile Tyr Pro Val Asn Gly Gln Ile
1 5

<210> 8427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8427
Asp Pro Ala Asn Trp Leu Lys Ile Tyr
1 5

<210> 8428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8428
Tyr Pro Val Asn Gly Gln Ile Thr Thr
1 5

<210> 8429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8429

Tyr Pro Val Asn Gly Gln Ile Thr Thr Ile
1 5 10

<210> 8430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8430
Leu Lys Ile Tyr Pro Val Asn Gly Gln Ile
1 5 10

<210> 8431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8431
Ser Ser Asp His Gly Arg Phe Phe Tyr
1 5

<210> 8432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8432
Arg Ser Ser Asp His Gly Arg Phe Phe
1 5

<210> 8433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8433
His Gly Arg Phe Phe Tyr Val Asp Ile
1 5

<210> 8434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8434
Arg Ser Ser Asp His Gly Arg Phe Phe Tyr
1 5 10

<210> 8435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8435
Ser Ser Asp His Gly Arg Phe Phe Tyr Val
1 5 10

<210> 8436
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8436
Ile Asp Arg Ser Ser Asp His Gly Arg Phe
1 5 10

<210> 8437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8437
Gln Tyr Thr Leu Arg Val Gln Ala Leu
1 5

<210> 8438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8438
Ala Gln Tyr Thr Leu Arg Val Gln Ala
1 5

<210> 8439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8439
Ala Gln Tyr Thr Leu Arg Val Gln Ala Leu
1 5 10

<210> 8440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8440
Tyr Thr Leu Arg Val Gln Ala Leu Asp Arg
1 5 10

<210> 8441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8441
Arg Ala Gln Tyr Thr Leu Arg Val Gln Ala
1 5 10

<210> 8442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8442
Thr Leu Arg Val Gln Ala Leu Asp Arg Arg
1 5 10

<210> 8443
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8443
His Phe Ile Ile Ser Pro Thr Ser Ile
1 5

<210> 8444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8444
Ile Gln Gly Lys Ala Asp Ile Arg Ile
1 5

<210> 8445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8445
Ile Ile Ser Pro Thr Ser Ile Gln Gly Lys
1 5 10

<210> 8446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8446
His His Phe Ile Ile Ser Pro Thr Ser Ile

1 5 10

<210> 8447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8447
Ala Thr Asp Ala Asp Glu Gly Glu Tyr
1 5

<210> 8448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8448
Glu Tyr Gly Arg Val Trp Tyr Arg Ile
1 5

<210> 8449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8449
Tyr Gly Arg Val Trp Tyr Arg Ile Leu
1 5

<210> 8450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8450
Asp Glu Gly Glu Tyr Gly Arg Val Trp
1 5

<210> 8451

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8451
Glu Tyr Gly Arg Val Trp Tyr Arg Ile Leu
1 5 10

<210> 8452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8452
Lys Ala Thr Asp Ala Asp Glu Gly Glu Tyr
1 5 10

<210> 8453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8453
Glu Gly Glu Tyr Gly Arg Val Trp Tyr Arg
1 5 10

<210> 8454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8454
Gly Glu Tyr Gly Arg Val Trp Tyr Arg Ile
1 5 10

<210> 8455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8455
Asp Glu Gly Glu Tyr Gly Arg Val Trp Tyr
1 5 10

<210> 8456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8456
Phe Gln Pro Pro Ser Gln Leu Phe Ala
1 5

<210> 8457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8457
Ser Phe Gln Pro Pro Ser Gln Leu Phe
1 5

<210> 8458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8458
Gln Leu Phe Ala Ile Asp Ser Ala Arg
1 5

<210> 8459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8459
Tyr Ser Phe Gln Pro Pro Ser Gln Leu
1 5

<210> 8460
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8460
Ser Gln Leu Phe Ala Ile Asp Ser Ala
1 5

<210> 8461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8461
Gln Pro Pro Ser Gln Leu Phe Ala Ile
1 5

<210> 8462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8462
Phe Gln Pro Pro Ser Gln Leu Phe Ala Ile
1 5 10

<210> 8463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8463
Leu Tyr Ser Phe Gln Pro Pro Ser Gln Leu
1 5 10

<210> 8464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8464
Tyr Ser Phe Gln Pro Pro Ser Gln Leu Phe
1 5 10

<210> 8465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8465
Ser Phe Gln Pro Pro Ser Gln Leu Phe Ala
1 5 10

<210> 8466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8466
Ser Gln Leu Phe Ala Ile Asp Ser Ala Arg
1 5 10

<210> 8467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8467
Lys Ala Lys Asp Met Gly Gly Gln Met
1 5

<210> 8468
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8468
Arg Glu Gln Tyr Gln Val Val Ile Lys Ala
1 5 10

<210> 8469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8469
Tyr Gln Val Val Ile Lys Ala Lys Asp Met
1 5 10

<210> 8470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8470
Ile Lys Ala Lys Asp Met Gly Gly Gln Met
1 5 10

<210> 8471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8471
Lys Tyr Leu Leu Val Ile Gln Ala Lys
1 5

<210> 8472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8472
Glu Ala Lys Asp Lys Tyr Leu Leu Val
1 5

<210> 8473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8473
Arg Glu Ala Lys Asp Lys Tyr Leu Leu
1 5

<210> 8474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8474
Ala Lys Asp Lys Tyr Leu Leu Val Ile
1 5

<210> 8475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8475
Asn Met Asp Arg Glu Ala Lys Asp Lys Tyr
1 5 10

<210> 8476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8476
Glu Ala Lys Asp Lys Tyr Leu Leu Val Ile
1 5 10

<210> 8477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8477
Arg Glu Ala Lys Asp Lys Tyr Leu Leu Val
1 5 10

<210> 8478
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8478
Leu Phe Phe Glu Pro Val Pro Glu Phe
1 5

<210> 8479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8479
Lys Leu Phe Phe Glu Pro Val Pro Glu Phe
1 5 10

<210> 8480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8480
Arg Gly His Lys Leu Phe Phe Glu Pro Val
1 5 10

<210> 8481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8481
Gly Leu His Gly Ala Asp Val Val Phe
1 5

<210> 8482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8482
Gly Gly Leu His Gly Ala Asp Val Val Phe
1 5 10

<210> 8483
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8483
Ser Leu Ala Ile Lys Pro Pro Gln Met
1 5

<210> 8484
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8484
Ala Ile Lys Pro Pro Gln Met Ser Arg
1 5

<210> 8485
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8485
Ala Ile Lys Pro Pro Gln Met Ser Arg Lys
1 5 10

<210> 8486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8486
Leu Ala Ile Lys Pro Pro Gln Met Ser Arg
1 5 10

<210> 8487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8487
Thr Leu Trp Tyr Ser Pro Pro Glu Leu
1 5

<210> 8488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8488
Leu Trp Tyr Ser Pro Pro Glu Leu Leu
1 5

<210> 8489
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8489
Trp Tyr Ser Pro Pro Glu Leu Leu Leu
1 5

<210> 8490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8490
Ile Thr Leu Trp Tyr Ser Pro Pro Glu Leu
1 5 10

<210> 8491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8491
Thr Leu Trp Tyr Ser Pro Pro Glu Leu Leu
1 5 10

<210> 8492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8492
Leu Trp Tyr Ser Pro Pro Glu Leu Leu Leu
1 5 10

<210> 8493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8493

Arg Met Cys Asn His Pro Pro Arg Lys
1 5

<210> 8494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8494
Arg Val Arg Met Cys Asn His Pro Pro
1 5

<210> 8495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8495
Arg Val Arg Met Cys Asn His Pro Pro Arg
1 5 10

<210> 8496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8496
Arg Met Cys Asn His Pro Pro Arg Lys Ile
1 5 10

<210> 8497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8497
Arg Asp Leu Gln Ser Leu Leu Met Glu Ile
1 5 10

<210> 8498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8498
Leu Gln Ser Leu Leu Met Glu Ile Gln Ala
1 5 10

<210> 8499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8499
Asp Pro Phe Arg Asp Leu Gln Ser Leu Leu
1 5 10

<210> 8500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8500
Lys Met Glu Gln Val Leu Ala Gln Val
1 5

<210> 8501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8501
Ala Ala Lys Met Glu Gln Val Leu Ala
1 5

<210> 8502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8502
Ala Lys Met Glu Gln Val Leu Ala Gln
1 5

<210> 8503
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8503
Met Glu Gln Val Leu Ala Gln Val Lys
1 5

<210> 8504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8504
Lys Met Glu Gln Val Leu Ala Gln Val Lys
1 5 10

<210> 8505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8505
Leu Ala Gln Val Lys Lys Gln Arg Thr Lys
1 5 10

<210> 8506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8506
Gln Val Leu Ala Gln Val Lys Lys Gln Arg
1 5 10

<210> 8507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8507
Thr Pro Ala Ala Lys Met Glu Gln Val Leu
1 5 10

<210> 8508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8508
Ala Lys Met Glu Gln Val Leu Ala Gln Val
1 5 10

<210> 8509
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8509
Val Tyr Asp Ala Ala Arg Glu Gly Phe
1 5

<210> 8510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8510
Leu Thr Arg Pro Val Tyr Asp Ala Ala

1 5

<210> 8511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8511
Thr Leu Thr Arg Pro Val Tyr Asp Ala Ala
1 5 10

<210> 8512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8512
Leu Thr Arg Pro Val Tyr Asp Ala Ala Arg
1 5 10

<210> 8513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8513
Asp Pro Ala Thr Leu Thr Arg Pro Val Tyr
1 5 10

<210> 8514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8514
Arg Tyr Ala Trp Gly Arg Leu Pro Val
1 5

<210> 8515

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8515
Gly Ala Arg Leu Asp Val Arg Tyr Ala
1 5

<210> 8516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8516
Ala Gly Ala Arg Leu Asp Val Arg Tyr
1 5

<210> 8517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8517
Ala Arg Leu Asp Val Arg Tyr Ala Trp
1 5

<210> 8518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8518
Arg Ala Gly Ala Arg Leu Asp Val Arg Tyr
1 5 10

<210> 8519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8519
Arg Leu Asp Val Arg Tyr Ala Trp Gly Arg
1 5 10

<210> 8520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8520
Gly Ala Arg Leu Asp Val Arg Tyr Ala Trp
1 5 10

<210> 8521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8521
Val Arg Tyr Ala Trp Gly Arg Leu Pro Val
1 5 10

<210> 8522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8522
Tyr Ala Trp Gly Arg Leu Pro Val Asp Leu
1 5 10

<210> 8523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8523
Pro Leu Leu Glu Asp Ala Pro Leu Leu
1 5

<210> 8524
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8524
Val Pro Leu Leu Glu Asp Ala Pro Leu
1 5

<210> 8525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8525
Ala Pro Leu Leu Glu Asp Thr Ser Arg Leu
1 5 10

<210> 8526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8526
Leu Glu Asp Val Pro Leu Leu Glu Asp Ala
1 5 10

<210> 8527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8527
Val Pro Leu Leu Glu Asp Ala Pro Leu Leu
1 5 10

<210> 8528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8528
Ala Gln Gln Pro Pro Gly Leu Gln Val
1 5

<210> 8529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8529
Ala Gln Gln Pro Pro Gly Leu Gln Val Glu
1 5 10

<210> 8530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8530
His Thr Gln Val Ile Phe Ile Ala Lys
1 5

<210> 8531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8531
Ile Pro Gln Gln His Thr Gln Val Ile
1 5

<210> 8532
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8532
Pro Gln Gln His Thr Gln Val Ile Phe
1 5

<210> 8533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8533
Gln Gln His Thr Gln Val Ile Phe Ile
1 5

<210> 8534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8534
Thr Gln Val Ile Phe Ile Ala Lys Ile
1 5

<210> 8535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8535
His Thr Gln Val Ile Phe Ile Ala Lys Ile
1 5 10

<210> 8536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8536
Ile Pro Gln Gln His Thr Gln Val Ile Phe
1 5 10

<210> 8537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8537
Gln Gln His Thr Gln Val Ile Phe Ile Ala
1 5 10

<210> 8538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8538
Ala Pro Ala Pro Met Thr Pro Thr Ser
1 5

<210> 8539
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8539
Leu Asn Met Asn Gly Leu Ala Pro Ala
1 5

<210> 8540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8540
Met Asn Gly Leu Ala Pro Ala Pro Met
1 5

<210> 8541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8541
Ala Leu Asn Met Asn Gly Leu Ala Pro Ala
1 5 10

<210> 8542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8542
Gly Leu Ala Pro Ala Pro Met Thr Pro Thr
1 5 10

<210> 8543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8543
Asn Met Asn Gly Leu Ala Pro Ala Pro Met
1 5 10

<210> 8544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8544
Phe Leu Gly Ala Ala Ala Leu Gly Leu
1 5

<210> 8545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8545
Ser Thr Phe Leu Gly Ala Ala Ala Leu
1 5

<210> 8546
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8546
Ser Thr Thr Ala Ser Gly Trp Arg Arg
1 5

<210> 8547
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8547
Gly Leu Arg Ile Leu Pro Pro Pro Leu
1 5

<210> 8548
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8548
Pro Ser Arg Ser Thr Thr Ala Pro Val
1 5

<210> 8549
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8549
Thr Ala Arg Arg Trp Ser Thr Thr Ala
1 5

<210> 8550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8550
Ser Gly Trp Arg Arg Trp Thr Thr Ala
1 5

<210> 8551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8551
Gly Trp Arg Arg Trp Thr Thr Ala Arg
1 5

<210> 8552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8552
Cys Val Pro Ser Trp Thr Ala Arg Arg
1 5

<210> 8553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8553
Asp Thr Ala Ser Thr Phe Leu Gly Ala
1 5

<210> 8554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8554
Thr Ala Ser Thr Phe Leu Gly Ala Ala
1 5

<210> 8555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8555
Gly Ala Ala Ala Leu Gly Leu Arg Ile
1 5

<210> 8556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8556
Ala Ala Ala Leu Gly Leu Arg Ile Leu
1 5

<210> 8557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8557

Val Gly Ser Gln Cys Val Pro Ser Trp
1 5

<210> 8558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8558
Ser Gln Cys Val Pro Ser Trp Thr Ala
1 5

<210> 8559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8559
Arg Arg Trp Ser Thr Thr Ala Ser Gly
1 5

<210> 8560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8560
Arg Trp Ser Thr Thr Ala Ser Gly Trp
1 5

<210> 8561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8561
Arg Arg Trp Thr Thr Ala Arg Pro Pro
1 5

<210> 8562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8562
Val Pro Ser Trp Thr Ala Arg Arg Trp
1 5

<210> 8563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8563
Ile Leu Pro Pro Pro Leu Thr Ser Pro Ser
1 5 10

<210> 8564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8564
Thr Phe Leu Gly Ala Ala Ala Leu Gly Leu
1 5 10

<210> 8565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8565
Arg Trp Ser Thr Thr Ala Ser Gly Trp Arg
1 5 10

<210> 8566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8566
Ala Ser Gly Trp Arg Arg Trp Thr Thr Ala
1 5 10

<210> 8567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8567
Ser Gly Trp Arg Arg Trp Thr Thr Ala Arg
1 5 10

<210> 8568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8568
Ser Gln Cys Val Pro Ser Trp Thr Ala Arg
1 5 10

<210> 8569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8569
Asp Thr Ala Ser Thr Phe Leu Gly Ala Ala
1 5 10

<210> 8570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8570
Thr Ala Ser Thr Phe Leu Gly Ala Ala Ala
1 5 10

<210> 8571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8571
Thr Thr Ala Pro Val Gly Ser Gln Cys Val
1 5 10

<210> 8572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8572
Trp Thr Ala Arg Arg Trp Ser Thr Thr Ala
1 5 10

<210> 8573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8573
Ser Pro Ser Arg Ser Thr Thr Ala Pro Val
1 5 10

<210> 8574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8574
Ala Ser Thr Phe Leu Gly Ala Ala Ala Leu

1 5 10

<210> 8575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8575
Gly Ala Ala Ala Leu Gly Leu Arg Ile Leu
1 5 10

<210> 8576
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8576
Arg Arg Trp Ser Thr Thr Ala Ser Gly Trp
1 5 10

<210> 8577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8577
Leu Pro Thr Pro Pro Pro Pro Pro Leu
1 5

<210> 8578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8578
Thr Pro Pro Pro Pro Pro Leu Leu Leu
1 5

<210> 8579

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8579
Leu Pro Thr Pro Pro Pro Pro Pro Leu Leu
1 5 10

<210> 8580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8580
Thr Pro Pro Pro Pro Pro Leu Leu Leu Leu
1 5 10

<210> 8581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8581
Leu Pro Thr Pro Pro Pro Pro Pro Leu
1 5

<210> 8582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8582
Thr Pro Pro Pro Pro Pro Leu Leu Leu
1 5

<210> 8583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8583
Leu Pro Thr Pro Pro Pro Pro Pro Leu Leu
1 5 10

<210> 8584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8584
Thr Pro Pro Pro Pro Pro Leu Leu Leu Leu
1 5 10

<210> 8585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8585
Lys Glu Asp Tyr Glu Arg Glu Lys Glu Leu
1 5 10

<210> 8586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8586
Ser Met Cys Lys Ile Ile Leu Leu Val
1 5

<210> 8587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8587
Ile Leu Leu Val Ile Gly Glu Phe Arg
1   5

<210> 8588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 8588
Ile Ile Leu Leu Val Ile Gly Glu Phe
1   5

<210> 8589
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 8589
Gly Ser Met Cys Lys Ile Ile Leu Leu Val
1   5   10

<210> 8590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 8590
Ser Met Cys Lys Ile Ile Leu Leu Val Ile
1   5   10

<210> 8591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 8591
Ile Ile Leu Leu Val Ile Gly Glu Phe Arg
1   5   10

<210> 8592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8592
Lys Ile Ile Leu Leu Val Ile Gly Glu Phe
1 5 10

<210> 8593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8593
Gln Glu Asn Leu Lys Lys Leu Thr Leu
1 5

<210> 8594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8594
Thr Leu Ile Glu Lys Arg Leu Asp Cys Leu
1 5 10

<210> 8595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8595
Asn Leu Lys Lys Leu Thr Leu Ile Glu Lys
1 5 10

<210> 8596
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8596
Cys Gln Glu Asn Leu Lys Lys Leu Thr Leu
1 5 10

<210> 8597
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8597
Lys Lys Leu Thr Leu Ile Glu Lys Arg Leu
1 5 10

<210> 8598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8598
Gln Glu Asn Leu Lys Lys Leu Thr Leu Ile
1 5 10

<210> 8599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8599
Met Leu Gln Glu Trp Leu Gly Ala Met
1 5

<210> 8600
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8600
Trp Leu Gly Ala Met Thr Met Leu Leu
1 5

<210> 8601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8601
Thr Met Leu Leu Trp Ser Gly Gly Leu
1 5

<210> 8602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8602
Leu Leu Trp Ser Gly Gly Leu Arg Ala
1 5

<210> 8603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8603
Met Leu Leu Trp Ser Gly Gly Leu Arg
1 5

<210> 8604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8604
Arg Val Pro Ser Thr Gly Pro Lys Lys
1 5

<210> 8605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8605
Arg Ala Ser Pro Gly Ser Thr Gln Met
1 5

<210> 8606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8606
Ser Thr Gln Met Lys Arg Val Pro Ser
1 5

<210> 8607
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8607
Met Thr Met Leu Leu Trp Ser Gly Gly
1 5

<210> 8608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8608
Thr Gln Met Lys Arg Val Pro Ser Thr
1 5

<210> 8609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8609
Leu Gln Glu Trp Leu Gly Ala Met Thr
1 5

<210> 8610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8610
Gln Glu Trp Leu Gly Ala Met Thr Met
1 5

<210> 8611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8611
Leu Gly Ala Met Thr Met Leu Leu Trp
1 5

<210> 8612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8612
Met Leu Gln Glu Trp Leu Gly Ala Met Thr
1 5 10

<210> 8613
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8613
Met Thr Met Leu Leu Trp Ser Gly Gly Leu
1 5 10

<210> 8614
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8614
Met Leu Leu Trp Ser Gly Gly Leu Arg Ala
1 5 10

<210> 8615
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8615
Thr Met Leu Leu Trp Ser Gly Gly Leu Arg
1 5 10

<210> 8616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8616
Arg Ala Ser Pro Gly Ser Thr Gln Met Lys
1 5 10

<210> 8617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8617
Glu Trp Leu Gly Ala Met Thr Met Leu Leu
1 5 10

<210> 8618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8618
Trp Leu Gly Ala Met Thr Met Leu Leu Trp
1 5 10

<210> 8619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8619
Met Lys Arg Val Pro Ser Thr Gly Pro Lys
1 5 10

<210> 8620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8620
Glu Met Leu Gln Glu Trp Leu Gly Ala Met
1 5 10

<210> 8621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8621

Leu Gln Glu Trp Leu Gly Ala Met Thr Met
1 5 10

<210> 8622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8622
Gln Glu Trp Leu Gly Ala Met Thr Met Leu
1 5 10

<210> 8623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8623
Leu Arg Ala Ser Pro Gly Ser Thr Gln Met
1 5 10

<210> 8624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8624
Thr Gln Met Lys Arg Val Pro Ser Thr Gly
1 5 10

<210> 8625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8625
Thr Glu Met Leu Gln Glu Trp Leu Gly Ala
1 5 10

<210> 8626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8626
Asn Thr Val Leu Asp Asn Phe Phe Lys
1 5

<210> 8627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8627
Thr Val Leu Asp Asn Phe Phe Lys His
1 5

<210> 8628
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8628
Asp Asn Phe Phe Lys His Ser Thr Arg
1 5

<210> 8629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8629
Thr Pro Asn Thr Val Leu Asp Asn Phe
1 5

<210> 8630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8630
Val Thr Pro Asn Thr Val Leu Asp Asn Phe
1 5 10

<210> 8631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8631
Thr Pro Asn Thr Val Leu Asp Asn Phe Phe
1 5 10

<210> 8632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8632
Gly Phe Asp Val Lys Lys Leu Met Tyr
1 5

<210> 8633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8633
Leu Gly Phe Asp Val Lys Lys Leu Met
1 5

<210> 8634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8634
Leu Gly Phe Asp Val Lys Lys Leu Met Tyr
1 5 10

<210> 8635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8635
Arg Ala Leu Gly Phe Asp Val Lys Lys Leu
1 5 10

<210> 8636
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8636
Val Leu Asn Asp Asn Ser Met Asp Met
1 5

<210> 8637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8637
Asn Ser Met Asp Met Thr Glu Val Ile
1 5

<210> 8638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8638
Met Ser Val Leu Asn Asp Asn Ser Met

1 5

<210> 8639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8639
Leu Met Ser Val Leu Asn Asp Asn Ser Met
1 5 10

<210> 8640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8640
Val Leu Asn Asp Asn Ser Met Asp Met Thr
1 5 10

<210> 8641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8641
Met Asp Met Thr Glu Val Ile Ser Ser Leu
1 5 10

<210> 8642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8642
Gly Pro Lys Ser Lys Val Pro Pro Lys
1 5

<210> 8643

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8643
Lys Ser Lys Val Pro Pro Lys Tyr Thr
1 5

<210> 8644
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8644
Lys Ser Lys Val Pro Pro Lys Tyr Thr Ser
1 5 10

<210> 8645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8645
Ser Leu Pro His Cys Val Glu Ser Thr
1 5

<210> 8646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8646
Arg Trp Gln Ser Leu Pro His Cys Val
1 5

<210> 8647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8647
Leu Pro His Cys Val Glu Ser Thr Ala
1 5

<210> 8648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8648
Ser Leu Pro His Cys Val Glu Ser Thr Ala
1 5 10

<210> 8649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8649
Leu Pro His Cys Val Glu Ser Thr Ala Tyr
1 5 10

<210> 8650
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8650
Gly Arg Trp Gln Ser Leu Pro His Cys Val
1 5 10

<210> 8651
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8651
Trp Gln Ser Leu Pro His Cys Val Glu Ser
1 5 10

<210> 8652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8652
Arg Met Ala Leu Gln Cys Val Gln Leu
1 5

<210> 8653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8653
Thr Val Asn Lys Arg Val Trp Asn Val
1 5

<210> 8654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8654
Ala Gln Arg Met Ala Leu Gln Cys Val
1 5

<210> 8655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8655
Asn Ile Leu Thr Ser Pro Ala Ile Lys
1 5

<210> 8656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8656
Ala Ser His Gly Arg Asp Ala Leu Arg
1 5

<210> 8657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8657
Arg Ala Pro Val Phe Val Asn Tyr Arg
1 5

<210> 8658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8658
Arg Ile Ser Ala Gln Arg Met Ala Leu
1 5

<210> 8659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8659
Leu Arg Ala Pro Val Phe Val Asn Tyr
1 5

<210> 8660
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8660
Val Asn Tyr Arg Ile Ser Ala Gln Arg
1 5

<210> 8661
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8661
Asp Ala Leu Arg Ala Pro Val Phe Val
1 5

<210> 8662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8662
Ser Pro Ala Ile Lys Ser Ser Ala Ser
1 5

<210> 8663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8663
Ser Ala Ser His Gly Arg Asp Ala Leu
1 5

<210> 8664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8664
Ala Pro Val Phe Val Asn Tyr Arg Ile
1 5

<210> 8665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8665
Asn Val Phe Ile Gln Gly Gln Ser Phe
1 5

<210> 8666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8666
Lys Lys Cys Leu Ala Lys Asn Ile Leu
1 5

<210> 8667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8667
Ala Lys Asn Ile Leu Thr Ser Pro Ala
1 5

<210> 8668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8668
Lys Asn Ile Leu Thr Ser Pro Ala Ile
1 5

<210> 8669
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8669
Arg Asp Ala Leu Arg Ala Pro Val Phe
1 5

<210> 8670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8670
Tyr Arg Ile Ser Ala Gln Arg Met Ala
1 5

<210> 8671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8671
Ser Gln His Thr Val Asn Lys Arg Val
1 5

<210> 8672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8672
Val Asn Lys Arg Val Trp Asn Val Phe
1 5

<210> 8673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8673
Arg Met Ala Leu Gln Cys Val Gln Leu Thr
1 5 10

<210> 8674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8674
Ala Leu Arg Ala Pro Val Phe Val Asn Tyr
1 5 10

<210> 8675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8675
Phe Val Asn Tyr Arg Ile Ser Ala Gln Arg
1 5 10

<210> 8676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8676
Arg Ala Pro Val Phe Val Asn Tyr Arg Ile
1 5 10

<210> 8677
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8677
Thr Val Asn Lys Arg Val Trp Asn Val Phe
1 5 10

<210> 8678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8678
Leu Ala Lys Asn Ile Leu Thr Ser Pro Ala
1 5 10

<210> 8679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8679
Lys Asn Ile Leu Thr Ser Pro Ala Ile Lys
1 5 10

<210> 8680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8680
Ala Ile Lys Ser Ser Ala Ser His Gly Arg
1 5 10

<210> 8681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8681
Lys Ser Ser Ala Ser His Gly Arg Asp Ala
1 5 10

<210> 8682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8682
His Gly Arg Asp Ala Leu Arg Ala Pro Val
1 5 10

<210> 8683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8683
Ser Ala Ser His Gly Arg Asp Ala Leu Arg
1 5 10

<210> 8684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8684
Glu Ala Ser Gln His Thr Val Asn Lys Arg
1 5 10

<210> 8685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8685

Leu Thr Ser Pro Ala Ile Lys Ser Ser Ala
1 5 10

<210> 8686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8686
Leu Thr Gly Glu Ala Ser Gln His Thr Val
1 5 10

<210> 8687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8687
His Thr Val Asn Lys Arg Val Trp Asn Val
1 5 10

<210> 8688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8688
Ser Pro Ala Ile Lys Ser Ser Ala Ser His
1 5 10

<210> 8689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8689
Ser Ser Ala Ser His Gly Arg Asp Ala Leu
1 5 10

<210> 8690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8690
Ala Lys Asn Ile Leu Thr Ser Pro Ala Ile
1 5 10

<210> 8691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8691
Gly Arg Asp Ala Leu Arg Ala Pro Val Phe
1 5 10

<210> 8692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8692
Val Asn Tyr Arg Ile Ser Ala Gln Arg Met
1 5 10

<210> 8693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8693
Tyr Arg Ile Ser Ala Gln Arg Met Ala Leu
1 5 10

<210> 8694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8694
Gln Arg Met Ala Leu Gln Cys Val Gln Leu
1 5 10

<210> 8695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8695
Val Gln Leu Thr Gly Glu Ala Ser Gln His
1 5 10

<210> 8696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8696
Ser Gln His Thr Val Asn Lys Arg Val Trp
1 5 10

<210> 8697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8697
Trp Asn Val Phe Ile Gln Gly Gln Ser Phe
1 5 10

<210> 8698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8698
Val Glu Lys Lys Cys Leu Ala Lys Asn Ile
1 5 10

<210> 8699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8699
Ala Trp Ala Ser Arg Glu Met Leu Arg
1 5

<210> 8700
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8700
Gly Gly Ala Trp Ala Ser Arg Glu Met
1 5

<210> 8701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8701
Gly Ala Trp Ala Ser Arg Glu Met Leu
1 5

<210> 8702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8702
Gly Ala Trp Ala Ser Arg Glu Met Leu Arg

1 5 10

<210> 8703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8703
Met Gly Gly Ala Trp Ala Ser Arg Glu Met
1 5 10

<210> 8704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8704
Ala Phe Ser Cys Phe His Tyr Ser Met
1 5

<210> 8705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8705
Ser Ala Phe Ser Cys Phe His Tyr Ser Met
1 5 10

<210> 8706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8706
Cys Phe His Tyr Ser Met Glu Glu Ile Lys
1 5 10

<210> 8707

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8707
Met Glu Glu Ile Lys Gly Ser Asp Cys Val
1 5 10

<210> 8708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8708
Asn Pro Asp Val Pro Pro Pro Val Leu
1 5

<210> 8709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8709
Lys Ala Asp Gln Ser Glu Ser Ser Leu
1 5

<210> 8710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8710
Val Pro Pro Pro Val Leu Phe Lys Ala
1 5

<210> 8711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8711
Asp Val Pro Pro Pro Val Leu Phe Lys Ala
1 5 10

<210> 8712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8712
Phe Lys Ala Asp Gln Ser Glu Ser Ser Leu
1 5 10

<210> 8713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8713
Asn Pro Asp Val Pro Pro Pro Val Leu Phe
1 5 10

<210> 8714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8714
His Val Glu Leu Ser Pro Met Gln Lys
1 5

<210> 8715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8715
Ile Val His Val Glu Leu Ser Pro Met
1 5

<210> 8716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8716
Thr Glu Leu Ile Val His Val Glu Leu
1 5

<210> 8717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8717
His Val Glu Leu Ser Pro Met Gln Lys Lys
1 5 10

<210> 8718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8718
Leu Ile Val His Val Glu Leu Ser Pro Met
1 5 10

<210> 8719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8719
Met Pro Ser Lys Thr Glu Leu Ile Val His
1 5 10

<210> 8720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8720
Thr Glu Leu Ile Val His Val Glu Leu Ser
1 5 10

<210> 8721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8721
Phe Ser Phe Glu Asp Asn Thr Ile Arg
1 5

<210> 8722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8722
Asn Thr Ile Arg Ser Gly Lys Lys Val
1 5

<210> 8723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8723
Thr Ile Arg Ser Gly Lys Lys Val Phe Arg
1 5 10

<210> 8724
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8724
Glu Phe Ser Phe Glu Asp Asn Thr Ile Arg
1 5 10

<210> 8725
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8725
Asn Thr Ile Arg Ser Gly Lys Lys Val Phe
1 5 10

<210> 8726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8726
Asn Glu Phe Ser Phe Glu Asp Asn Thr Ile
1 5 10

<210> 8727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8727
Ala Gly Ser Glu Ser Arg Asp Ala Tyr
1 5

<210> 8728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8728
Ser Glu Ser Arg Asp Ala Tyr Ser Tyr
1 5

<210> 8729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8729
Glu Ser Arg Asp Ala Tyr Ser Tyr Val
1 5

<210> 8730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8730
Arg Asp Ala Tyr Ser Tyr Val Val Val
1 5

<210> 8731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8731
Gly Ser Glu Ser Arg Asp Ala Tyr Ser Tyr
1 5 10

<210> 8732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8732
Glu Ser Arg Asp Ala Tyr Ser Tyr Val Val
1 5 10

<210> 8733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8733
Asp Ala Tyr Ser Tyr Val Val Val Gly Ala
1 5 10

<210> 8734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8734
Ser Ala Gly Ser Glu Ser Arg Asp Ala Tyr
1 5 10

<210> 8735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8735
Ser Glu Ser Arg Asp Ala Tyr Ser Tyr Val
1 5 10

<210> 8736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8736
Ile Thr Asp Phe Gly His Ser Glu Ile
1 5

<210> 8737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8737
Glu Ile Leu Gly Glu Thr Ser Leu Met
1 5

<210> 8738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8738
Ser Glu Ile Leu Gly Glu Thr Ser Leu
1 5

<210> 8739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8739
Thr Asp Phe Gly His Ser Glu Ile Leu
1 5

<210> 8740
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8740
Lys Ile Thr Asp Phe Gly His Ser Glu Ile
1 5 10

<210> 8741
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8741
Glu Ile Leu Gly Glu Thr Ser Leu Met Arg
1 5 10

<210> 8742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8742
Ser Glu Ile Leu Gly Glu Thr Ser Leu Met
1 5 10

<210> 8743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8743
Ile Thr Asp Phe Gly His Ser Glu Ile
1 5

<210> 8744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8744
Glu Ile Leu Gly Glu Thr Ser Leu Met
1 5

<210> 8745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8745
Ser Glu Ile Leu Gly Glu Thr Ser Leu
1 5

<210> 8746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8746
Thr Asp Phe Gly His Ser Glu Ile Leu
1 5

<210> 8747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8747
Lys Ile Thr Asp Phe Gly His Ser Glu Ile
1 5 10

<210> 8748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8748
Glu Ile Leu Gly Glu Thr Ser Leu Met Arg
1 5 10

<210> 8749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8749

Ser Glu Ile Leu Gly Glu Thr Ser Leu Met
1 5 10

<210> 8750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8750
Arg Val Trp His Ser Arg Pro Leu His
1 5

<210> 8751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8751
Arg Val Gly Ala Pro Ser His Arg Val
1 5

<210> 8752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8752
His Ser Arg Pro Leu His Gln Gly Arg
1 5

<210> 8753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8753
Pro Ser His Arg Val Trp His Ser Arg
1 5

<210> 8754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8754
His Arg Val Trp His Ser Arg Pro Leu
1 5

<210> 8755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8755
Val Gly Ala Pro Ser His Arg Val Trp
1 5

<210> 8756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8756
His Gln Gly Arg Arg Asp Ala Gly Leu
1 5

<210> 8757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8757
Arg Val Trp His Ser Arg Pro Leu His Gln
1 5 10

<210> 8758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8758
His Ser Arg Pro Leu His Gln Gly Arg Arg
1 5 10

<210> 8759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8759
Asp Thr Arg Val Gly Ala Pro Ser His Arg
1 5 10

<210> 8760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8760
Arg Pro Leu His Gln Gly Arg Arg Asp Ala
1 5 10

<210> 8761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8761
Ser His Arg Val Trp His Ser Arg Pro Leu
1 5 10

<210> 8762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8762
Arg Val Gly Ala Pro Ser His Arg Val Trp
1 5 10

<210> 8763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8763
His Gln Gly Arg Arg Asp Ala Gly Leu Leu
1 5 10

<210> 8764
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8764
Asp Leu Lys His Val Lys Asn Val Tyr
1 5

<210> 8765
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8765
Val Lys Asn Val Tyr Ser Cys Asp Leu
1 5

<210> 8766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8766
Asn Val Tyr Ser Cys Asp Leu Thr Thr Leu

1 5 10

<210> 8767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8767
His Val Lys Asn Val Tyr Ser Cys Asp Leu
1 5 10

<210> 8768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8768
Arg Pro Lys Arg Met Ile Cys Pro Arg
1 5

<210> 8769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8769
Ala Pro Arg Pro Lys Arg Met Ile Cys
1 5

<210> 8770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8770
Gln Glu Ala Pro Arg Pro Lys Arg Met
1 5

<210> 8771

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8771
Lys Arg Met Ile Cys Pro Arg Glu Val
1 5

<210> 8772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8772
Arg Met Ile Cys Pro Arg Glu Val Glu
1 5

<210> 8773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8773
Met Ile Cys Pro Arg Glu Val Glu Asn Arg
1 5 10

<210> 8774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8774
Gln Gln Glu Ala Pro Arg Pro Lys Arg Met
1 5 10

<210> 8775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8775
Arg Leu Leu Leu Leu Leu Leu Ser Leu
1 5

<210> 8776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8776
Arg Leu Leu Leu Leu Leu Leu Ser Leu Leu
1 5 10

<210> 8777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8777
Ala Thr Arg Gly Thr Gln Ser Leu His
1 5

<210> 8778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8778
Pro Pro Ala Thr Arg Gly Thr Gln Ser Leu
1 5 10

<210> 8779
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8779
Glu Ser Cys Leu Ser Gln His His Ser Arg
1 5 10

<210> 8780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8780
Cys Leu Ser Gln His His Ser Arg Glu Arg
1 5 10

<210> 8781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8781
Ser Gln His His Ser Arg Glu Arg Asp His
1 5 10

<210> 8782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8782
Gly Glu Ser Cys Leu Ser Gln His His Ser
1 5 10

<210> 8783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8783
Thr Leu Ser Pro Gln Gly Pro Arg Ile
1 5

<210> 8784
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8784
Trp Thr Leu Ser Pro Gln Gly Pro Arg
1 5

<210> 8785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8785
Ser Phe Thr His Cys Arg Pro His Trp
1 5

<210> 8786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8786
Ser Ser Phe Thr His Cys Arg Pro His
1 5

<210> 8787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8787
Arg Pro His Trp Thr Leu Ser Pro Gln
1 5

<210> 8788
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8788
Ser Pro Gln Gly Pro Arg Ile Leu Leu
1 5

<210> 8789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8789
Phe Thr His Cys Arg Pro His Trp Thr Leu
1 5 10

<210> 8790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8790
Arg Ser Ser Phe Thr His Cys Arg Pro His
1 5 10

<210> 8791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8791
His Trp Thr Leu Ser Pro Gln Gly Pro Arg
1 5 10

<210> 8792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8792
Trp Thr Leu Ser Pro Gln Gly Pro Arg Ile
1 5 10

<210> 8793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8793
Ser Ser Phe Thr His Cys Arg Pro His Trp
1 5 10

<210> 8794
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8794
Ala Gln Pro Ser Gln Ala Pro Pro Lys
1 5

<210> 8795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8795
Ser Gln Ala Pro Pro Lys Pro Gly Leu
1 5

<210> 8796
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8796
His Gln His Asn Pro Thr Cys Ser His
1 5

<210> 8797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8797
Ser His His Ser Ala Gln Gly Pro Ala
1 5

<210> 8798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8798
Ala Gln Gly Pro Ala Ser Pro Cys His
1 5

<210> 8799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8799
Asn Pro Thr Cys Ser His His Ser Ala
1 5

<210> 8800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8800
Leu Ala Gln Pro Ser Gln Ala Pro Pro Lys
1 5 10

<210> 8801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8801
Ser Gln Ala Pro Pro Lys Pro Gly Leu His
1 5 10

<210> 8802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8802
His Gln His Asn Pro Thr Cys Ser His His
1 5 10

<210> 8803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8803
Ala Leu Ser Pro Ala Pro Gln Gln Val
1 5

<210> 8804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8804
His Leu Gln Pro Pro Phe Cys Pro Arg
1 5

<210> 8805
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8805
Leu Trp Pro Pro Ala Gln Pro His Leu
1 5

<210> 8806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8806
Ala Trp Ser Thr Leu Trp Pro Pro Ala
1 5

<210> 8807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8807
Arg Ala Arg Gln Pro Leu Pro Leu Pro
1 5

<210> 8808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8808
Leu Pro Leu Pro Pro Gln Pro Arg Leu
1 5

<210> 8809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8809
Leu Pro Pro Gln Pro Arg Leu Ala Leu
1 5

<210> 8810
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8810
Gln Pro Arg Leu Ala Leu Ser Pro Ala
1 5

<210> 8811
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8811
Ala Gln Pro His Leu Gln Pro Pro Phe
1 5

<210> 8812
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8812
Ser Gln Ala Pro Gln Ala Trp Ser Thr
1 5

<210> 8813
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8813

Thr Leu Trp Pro Pro Ala Gln Pro His
1 5

<210> 8814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8814
Gln Pro Ser Gln Ala Pro Gln Ala Trp
1 5

<210> 8815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8815
Ala Pro Gln Ala Trp Ser Thr Leu Trp
1 5

<210> 8816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8816
Thr Leu Trp Pro Pro Ala Gln Pro His Leu
1 5 10

<210> 8817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8817
Ser Gln Ala Pro Gln Ala Trp Ser Thr Leu
1 5 10

<210> 8818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8818
His Leu Gln Pro Pro Phe Cys Pro Arg Ala
1 5 10

<210> 8819
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8819
Arg Ala Arg Gln Pro Leu Pro Leu Pro Pro
1 5 10

<210> 8820
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8820
Cys Pro Arg Ala Arg Gln Pro Leu Pro Leu
1 5 10

<210> 8821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8821
Ala Gln Pro Ser Gln Ala Pro Gln Ala Trp
1 5 10

<210> 8822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8822
Gln Ala Trp Ser Thr Leu Trp Pro Pro Ala
1 5 10

<210> 8823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8823
Leu Pro Leu Pro Pro Gln Pro Arg Leu Ala
1 5 10

<210> 8824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8824
Leu Ala Leu Ser Pro Ala Pro Gln Gln Val
1 5 10

<210> 8825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8825
Ala Leu Trp Leu Ala Leu Ser Gly Lys
1 5

<210> 8826
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8826
Leu Trp Leu Ala Leu Ser Gly Lys Ile
1 5

<210> 8827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8827
Ala Leu Trp Leu Ala Leu Ser Gly Lys Ile
1 5 10

<210> 8828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8828
Gly Ala Leu Trp Leu Ala Leu Ser Gly Lys
1 5 10

<210> 8829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8829
Leu Trp Leu Ala Leu Ser Gly Lys Ile Lys
1 5 10

<210> 8830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8830
Lys Ile Lys Asp Lys Glu Leu Pro Gln Tyr

1 5 10

<210> 8831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8831
Gly Met Tyr His Glu Val Lys Ala Met
1 5

<210> 8832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8832
Met Tyr His Glu Val Lys Ala Met Arg
1 5

<210> 8833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8833
Arg Gly Ala Gly Met Tyr His Glu Val Lys
1 5 10

<210> 8834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8834
Met Tyr His Glu Val Lys Ala Met Arg Lys
1 5 10

<210> 8835

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8835
Gly Met Tyr His Glu Val Lys Ala Met Arg
1 5 10

<210> 8836
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8836
Leu Pro Phe Asp Pro Arg Gly Ala Gly Met
1 5 10

<210> 8837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8837
Ala Gly Met Tyr His Glu Val Lys Ala Met
1 5 10

<210> 8838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8838
Ala Val Ala Asp Gln Glu Asp Ile Phe Val
1 5 10

<210> 8839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8839
Ile Ala Val Ala Asp Gln Glu Asp Ile Phe
1 5 10

<210> 8840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8840
Gln Glu Asp Ile Phe Val Val Gly Thr Ala
1 5 10

<210> 8841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8841
Ser Leu Leu Pro Ala Pro Arg Asp Val
1 5

<210> 8842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8842
Leu Leu Ser Leu Leu Pro Ala Pro Arg
1 5

<210> 8843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8843
Cys Leu Leu Ser Leu Leu Pro Ala Pro Arg
1 5 10

<210> 8844
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8844
Ser Leu Leu Pro Ala Pro Arg Asp Val Leu
1 5 10

<210> 8845
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8845
Leu Pro Ala Pro Arg Asp Val Leu Glu Thr
1 5 10

<210> 8846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8846
Leu Pro Met Ala Val Ser Arg Gly Pro Pro
1 5 10

<210> 8847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8847
Arg Val Tyr Tyr Glu Ala Asp Thr Thr Lys
1 5 10

<210> 8848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8848
Lys Asn Lys Lys Ala Leu Glu Thr Lys
1 5

<210> 8849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8849
Lys Lys Ala Leu Glu Thr Lys Glu Ile
1 5

<210> 8850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8850
Gln Leu Ser Pro Ala Arg Arg Arg Arg
1 5

<210> 8851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8851
Ser Pro Ala Arg Arg Arg Arg Gln His
1 5

<210> 8852
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8852
Arg Arg Arg Arg Gln His Met Gln Glu Arg
1 5 10

<210> 8853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8853
Ser Pro Ala Arg Arg Arg Arg Gln His Met
1 5 10

<210> 8854
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8854
Ser Gly Ile Gln Glu Leu Lys Thr Met
1 5

<210> 8855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8855
Gln Glu Leu Lys Thr Met Leu Ala Gly
1 5

<210> 8856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8856
Gln Glu Leu Lys Thr Met Leu Ala Gly Val
1 5 10

<210> 8857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8857
Arg Ser Ser Val Ser Thr Ile Gln Met
1 5

<210> 8858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8858
Ile Gln Met Glu Trp Pro Glu Pro Asp
1 5

<210> 8859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8859
Met Glu Trp Pro Glu Pro Asp Leu Ala
1 5

<210> 8860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8860
Ile Gln Met Glu Trp Pro Glu Pro Asp Leu
1 5 10

<210> 8861
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8861
Arg Arg Ser Ser Val Ser Thr Ile Gln Met
1 5 10

<210> 8862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8862
Ser Ser Val Ser Thr Ile Gln Met Glu Trp
1 5 10

<210> 8863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8863
Met Glu Trp Pro Glu Pro Asp Leu Ala Pro
1 5 10

<210> 8864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8864
Ala Ile Phe Ile Gly Trp Ala Gly Ala
1 5

<210> 8865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8865
Phe Ile Gly Trp Ala Gly Ala Ala Leu
1 5

<210> 8866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8866
Gly Trp Ala Gly Ala Ala Leu Val Ile
1 5

<210> 8867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8867
Phe Ile Gly Trp Ala Gly Ala Ala Leu Val
1 5 10

<210> 8868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8868
Ala Ile Phe Ile Gly Trp Ala Gly Ala Ala
1 5 10

<210> 8869
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8869
Ile Phe Ile Gly Trp Ala Gly Ala Ala Leu
1 5 10

<210> 8870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8870
Gly Trp Ala Gly Ala Ala Leu Val Ile Leu
1 5 10

<210> 8871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8871
Ile Gly Trp Ala Gly Ala Ala Leu Val Ile
1 5 10

<210> 8872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8872
Phe Leu Glu Asp Gly Ser Val Pro Ser
1 5

<210> 8873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8873
Asp Ser Ser Gly Arg Ser Trp Phe Leu
1 5

<210> 8874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8874
Arg Ser Trp Phe Leu Glu Asp Gly Ser Val
1 5 10

<210> 8875
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8875
Asn Gln His Cys Lys Thr Arg Asn Arg
1 5

<210> 8876
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8876
Ala Ala Phe Asn Trp Asn Asn Gln His
1 5

<210> 8877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8877

Ala Phe Asn Trp Asn Asn Gln His Cys Lys
1 5 10

<210> 8878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8878
Asn Trp Asn Asn Gln His Cys Lys Thr Arg
1 5 10

<210> 8879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8879
Asn Gln His Cys Lys Thr Arg Asn Arg Tyr
1 5 10

<210> 8880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8880
Val Leu Asn Phe His Lys Ser Pro Lys
1 5

<210> 8881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8881
Arg Cys Val Val Leu Asn Phe His Lys
1 5

<210> 8882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8882
Leu Asn Phe His Lys Ser Pro Lys Arg
1 5

<210> 8883
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8883
Val Val Leu Asn Phe His Lys Ser Pro Lys
1 5 10

<210> 8884
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8884
Val Leu Asn Phe His Lys Ser Pro Lys Arg
1 5 10

<210> 8885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8885
Leu Asn Phe His Lys Ser Pro Lys Arg Trp
1 5 10

<210> 8886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8886
Asn Glu Arg Cys Val Val Leu Asn Phe His
1 5 10

<210> 8887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8887
Asn Leu Asp Glu Leu Cys Ala Ile Ile
1 5

<210> 8888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8888
Glu Leu Cys Ala Ile Ile Asn Phe Arg
1 5

<210> 8889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8889
Asp Glu Leu Cys Ala Ile Ile Asn Phe
1 5

<210> 8890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8890
Gly Glu Pro Asn Asn Leu Asp Glu Leu
1 5

<210> 8891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8891
Glu Pro Gln Glu Ser Gly Asp Gly Ser Leu
1 5 10

<210> 8892
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8892
Lys Met Glu Thr Lys Pro Gln Pro Val
1 5

<210> 8893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8893
Met Glu Thr Lys Pro Gln Pro Val Ser
1 5

<210> 8894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8894
Glu Thr Lys Pro Gln Pro Val Ser Gly Ala

1 5 10

<210> 8895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8895
Lys Lys Met Glu Thr Lys Pro Gln Pro Val
1 5 10

<210> 8896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8896
Arg Ser Leu Asn Glu Arg Asp Tyr Leu
1 5

<210> 8897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8897
Leu Asp Arg Arg Tyr Val Asp Glu Tyr
1 5

<210> 8898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8898
Arg Asp Tyr Leu Asp Arg Arg Tyr Val
1 5

<210> 8899

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8899
Tyr Leu Asp Arg Arg Tyr Val Asp Glu Tyr
1 5 10

<210> 8900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8900
Ser Leu Asn Glu Arg Asp Tyr Leu Asp Arg
1 5 10

<210> 8901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8901
Asn Glu Arg Asp Tyr Leu Asp Arg Arg Tyr
1 5 10

<210> 8902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8902
Tyr Leu Gly Leu Thr Gln Ala Ser Leu
1 5

<210> 8903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8903
Ser Leu Ser Pro Gln Gln Thr Leu Leu
1 5

<210> 8904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8904
Ala Ser Leu Ser Pro Gln Gln Thr Leu
1 5

<210> 8905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8905
Ser Tyr Leu Gly Leu Thr Gln Ala Ser Leu
1 5 10

<210> 8906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8906
Leu Ser Tyr Leu Gly Leu Thr Gln Ala Ser
1 5 10

<210> 8907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8907
Ala Ser Leu Ser Pro Gln Gln Thr Leu Leu
1 5 10

<210> 8908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8908
Tyr Leu Asn Ser Arg Gln Phe Pro Met
1 5

<210> 8909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8909
Arg Gln Phe Pro Met Pro Gly Ile Arg
1 5

<210> 8910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8910
Gln Phe Pro Met Pro Gly Ile Arg Arg
1 5

<210> 8911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8911
Phe Pro Met Pro Gly Ile Arg Arg Leu
1 5

<210> 8912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8912
Met Pro Gly Ile Arg Arg Leu Lys Ile
1 5

<210> 8913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8913
Arg Gln Phe Pro Met Pro Gly Ile Arg Arg
1 5 10

<210> 8914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8914
Ser Tyr Leu Asn Ser Arg Gln Phe Pro Met
1 5 10

<210> 8915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8915
Asn Ser Arg Gln Phe Pro Met Pro Gly Ile
1 5 10

<210> 8916
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8916
His Ile Arg Tyr Arg Asn Trp Arg Leu
1 5

<210> 8917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8917
Arg Tyr Arg Asn Trp Arg Leu Ala Ser
1 5

<210> 8918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8918
Arg Leu Ala Ser Leu Glu Ala Arg Arg
1 5

<210> 8919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8919
Tyr Arg Asn Trp Arg Leu Ala Ser Leu
1 5

<210> 8920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8920
Leu Ala Ser Leu Glu Ala Arg Arg Phe
1 5

<210> 8921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8921
Arg Tyr Arg Asn Trp Arg Leu Ala Ser Leu
1 5 10

<210> 8922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8922
His Ile Arg Tyr Arg Asn Trp Arg Leu Ala
1 5 10

<210> 8923
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8923
Arg Leu Ala Ser Leu Glu Ala Arg Arg Phe
1 5 10

<210> 8924
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8924
Asn Trp Arg Leu Ala Ser Leu Glu Ala Arg
1 5 10

<210> 8925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8925
Leu Ala Ser Leu Glu Ala Arg Arg Phe Arg
1 5 10

<210> 8926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8926
His His Ile Arg Tyr Arg Asn Trp Arg Leu
1 5 10

<210> 8927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8927
Arg Asn Trp Arg Leu Ala Ser Leu Glu Ala
1 5 10

<210> 8928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8928
Arg Ile His Glu Arg Asn Ile Ser Lys
1 5

<210> 8929
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8929
Gln Val Val Pro Arg Ile His Glu Arg
1 5

<210> 8930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8930
Val Pro Arg Ile His Glu Arg Asn Ile
1 5

<210> 8931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8931
Arg Asn Ile Ser Lys Gln Asp Glu Thr Met
1 5 10

<210> 8932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8932
Thr Val Thr Leu Gly Ala His Asn Lys
1 5

<210> 8933
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8933
Ile Thr Val Thr Leu Gly Ala His Asn Lys
1 5 10

<210> 8934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8934
Lys Thr Glu Glu Glu Asp Thr Trp Gln Lys
1 5 10

<210> 8935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8935
His Gln Arg Ser Ser Glu Val Ser Lys
1 5

<210> 8936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8936
Gln Phe Gly Ala Gln Val His Gln Arg
1 5

<210> 8937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8937
Lys Gln Phe Gly Ala Gln Val His Gln
1 5

<210> 8938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8938
Ala Gln Val His Gln Arg Ser Ser Glu Val
1 5 10

<210> 8939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8939
Lys Gln Phe Gly Ala Gln Val His Gln Arg
1 5 10

<210> 8940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8940
Ile Ile Val Ala Ile Thr Pro Leu Leu
1 5

<210> 8941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8941

Asn Ile Ile Val Ala Ile Thr Pro Leu
1 5

<210> 8942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8942
His Glu Asn Ile Ile Val Ala Ile Thr
1 5

<210> 8943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8943
Asn Ile Ile Val Ala Ile Thr Pro Leu Leu
1 5 10

<210> 8944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8944
Ser Thr Thr Ser Ser Ser Phe Ala Tyr
1 5

<210> 8945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8945
Thr Ser Ser Ser Phe Ala Tyr Asp Arg
1 5

<210> 8946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8946
Phe Ser Thr Thr Ser Ser Ser Phe Ala
1 5

<210> 8947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8947
Ala Glu Asn Phe Ser Thr Thr Ser Ser
1 5

<210> 8948
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8948
Asn Phe Ser Thr Thr Ser Ser Ser Phe
1 5

<210> 8949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8949
Phe Ser Thr Thr Ser Ser Ser Phe Ala Tyr
1 5 10

<210> 8950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8950
Thr Thr Ser Ser Ser Phe Ala Tyr Asp Arg
1 5 10

<210> 8951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8951
Glu Asn Phe Ser Thr Thr Ser Ser Ser Phe
1 5 10

<210> 8952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8952
Ser Ser Phe Ala Glu Asn Phe Ser Thr Thr
1 5 10

<210> 8953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8953
Ala Glu Asn Phe Ser Thr Thr Ser Ser Ser
1 5 10

<210> 8954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 8954
Lys Leu Val Tyr Met Gly Lys Pro Lys
1 5

<210> 8955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8955
Leu Val Tyr Met Gly Lys Pro Lys Glu Lys
1 5 10

<210> 8956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8956
Met Gly Lys Pro Lys Glu Lys Glu Ser Phe
1 5 10

<210> 8957
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8957
Thr Phe Ala Arg Leu Leu Ala Glu Leu
1 5

<210> 8958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8958
Gln Leu Asp Asp Leu Gln Thr Thr Phe

1 5

<210> 8959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8959
Leu Gln Thr Thr Phe Ala Arg Leu Leu
1 5

<210> 8960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8960
Gln Leu Asp Asp Leu Gln Thr Thr Phe Ala
1 5 10

<210> 8961
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8961
Thr Thr Phe Ala Arg Leu Leu Ala Glu Leu
1 5 10

<210> 8962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8962
Gln Gln Leu Asp Asp Leu Gln Thr Thr Phe
1 5 10

<210> 8963

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8963
Leu Gln Thr Thr Phe Ala Arg Leu Leu Ala
1 5 10

<210> 8964
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8964
Ser Leu Ala Asp Arg Cys Lys Lys Ile
1 5

<210> 8965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8965
Asn Ser Leu Ala Asp Arg Cys Lys Lys
1 5

<210> 8966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8966
Cys Leu Lys Lys Val Ser Lys Gly Val
1 5

<210> 8967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8967
Lys Val Ser Lys Gly Val Glu Gln Phe
1 5

<210> 8968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8968
Lys Lys Val Ser Lys Gly Val Glu Gln Phe
1 5 10

<210> 8969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8969
Thr Glu Gln Tyr Tyr Ser Phe Phe Trp
1 5

<210> 8970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8970
Glu Trp Gln Pro Ile Gln Ile Thr Met
1 5

<210> 8971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8971
Thr Lys Ser Gly Glu Trp Gln Pro Ile
1 5

<210> 8972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8972
Gly Glu Trp Gln Pro Ile Gln Ile Thr
1 5

<210> 8973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8973
Trp Gln Pro Ile Gln Ile Thr Met Pro Phe
1 5 10

<210> 8974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8974
Gly Glu Trp Gln Pro Ile Gln Ile Thr Met
1 5 10

<210> 8975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8975
Leu Ile Leu Tyr Gln Trp Gln His Val
1 5

<210> 8976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8976
Tyr Arg Pro Leu Ile Leu Tyr Gln Trp
1 5

<210> 8977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8977
Leu Tyr Gln Trp Gln His Val Glu Leu
1 5

<210> 8978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8978
Arg Tyr Arg Pro Leu Ile Leu Tyr Gln
1 5

<210> 8979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8979
Leu Arg Tyr Arg Pro Leu Ile Leu Tyr
1 5

<210> 8980
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8980
Tyr Gln Trp Gln His Val Glu Leu Ser
1 5

<210> 8981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8981
Ile Leu Tyr Gln Trp Gln His Val Glu Leu
1 5 10

<210> 8982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8982
Pro Leu Ile Leu Tyr Gln Trp Gln His Val
1 5 10

<210> 8983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8983
Phe Leu Arg Tyr Arg Pro Leu Ile Leu Tyr
1 5 10

<210> 8984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8984
Arg Tyr Arg Pro Leu Ile Leu Tyr Gln Trp
1 5 10

<210> 8985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8985
Tyr Gln Trp Gln His Val Glu Leu Ser Asp
1 5 10

<210> 8986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8986
Asn Ser Arg Gly Lys Asn Phe Phe Arg
1 5

<210> 8987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8987
Phe Phe Arg Gly Gln Leu Gln Val Tyr
1 5

<210> 8988
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8988
Ala Glu Asn Ser Arg Gly Lys Asn Phe
1 5

<210> 8989
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8989
Gly Lys Asn Phe Phe Arg Gly Gln Leu
1 5

<210> 8990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8990
Arg Gly Lys Asn Phe Phe Arg Gly Gln Leu
1 5 10

<210> 8991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8991
Lys Asn Phe Phe Arg Gly Gln Leu Gln Val
1 5 10

<210> 8992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8992
Asn Phe Phe Arg Gly Gln Leu Gln Val Tyr
1 5 10

<210> 8993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8993
Glu Asn Ser Arg Gly Lys Asn Phe Phe Arg
1 5 10

<210> 8994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8994
Arg Ala Glu Asn Ser Arg Gly Lys Asn Phe
1 5 10

<210> 8995
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8995
Ala Glu Asn Ser Arg Gly Lys Asn Phe Phe
1 5 10

<210> 8996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 8996
Tyr Gln Cys Leu Ala Thr Asn Asn Val
1 5

<210> 8997
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8997
Leu Ala Thr Asn Asn Val Gly Ser Ile
1 5

<210> 8998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8998
Cys Leu Ala Thr Asn Asn Val Gly Ser Ile
1 5 10

<210> 8999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 8999
His Tyr Gln Cys Leu Ala Thr Asn Asn Val
1 5 10

<210> 9000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9000
Tyr Gln Cys Leu Ala Thr Asn Asn Val Gly
1 5 10

<210> 9001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9001
Leu Ala Thr Asn Asn Val Gly Ser Ile Leu
1 5 10

<210> 9002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9002
Gln Leu Ala Pro Met Gly Thr Ser Leu
1 5

<210> 9003
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9003
Pro Met Gly Thr Ser Leu Gln Ser Phe
1 5

<210> 9004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9004
Ala Pro Met Gly Thr Ser Leu Gln Ser Phe
1 5 10

<210> 9005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9005

Gly Glu Asp Glu Pro Gln Leu Ala Pro Met
1 5 10

<210> 9006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9006
Pro Gln Leu Ala Pro Met Gly Thr Ser Leu
1 5 10

<210> 9007
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9007
Phe Ser His Met Leu Ile Arg Pro Val
1 5

<210> 9008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9008
Met Leu Ile Arg Pro Val Pro Gly Tyr
1 5

<210> 9009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9009
Arg Glu Phe Ser His Met Leu Ile Arg
1 5

<210> 9010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9010
Ala Ala Arg Glu Phe Ser His Met Leu Ile
1 5 10

<210> 9011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9011
His Met Leu Ile Arg Pro Val Pro Gly Tyr
1 5 10

<210> 9012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9012
Glu Phe Ser His Met Leu Ile Arg Pro Val
1 5 10

<210> 9013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9013
Arg Glu Phe Ser His Met Leu Ile Arg Pro
1 5 10

<210> 9014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9014
Arg Leu Asn Gln Asp Leu Leu Ser Val
1 5

<210> 9015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9015
Leu Leu Ser Val Ser Phe Gln Phe Arg
1 5

<210> 9016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9016
Asp Leu Leu Ser Val Ser Phe Gln Phe
1 5

<210> 9017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9017
Asn Gln Asp Leu Leu Ser Val Ser Phe
1 5

<210> 9018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9018
Leu Leu Ser Val Ser Phe Gln Phe Arg Thr
1 5 10

<210> 9019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9019
Asp Leu Leu Ser Val Ser Phe Gln Phe Arg
1 5 10

<210> 9020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9020
Leu Asn Gln Asp Leu Leu Ser Val Ser Phe
1 5 10

<210> 9021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9021
Gln Asp Leu Leu Ser Val Ser Phe Gln Phe
1 5 10

<210> 9022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9022
Lys Ser Asn Leu Ser Gln Pro Gly Lys

1 5

<210> 9023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9023
Lys Leu Lys Ser Asn Leu Ser Gln Pro Gly
1 5 10

<210> 9024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9024
Lys Ser Asn Leu Ser Gln Pro Gly Lys Leu
1 5 10

<210> 9025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9025
Val Leu Ser Phe Asp Ser Thr Lys Ala
1 5

<210> 9026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9026
Val Val Leu Ser Phe Asp Ser Thr Lys
1 5

<210> 9027

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9027
Phe Tyr Leu Leu Val Val Leu Ser Phe
1 5

<210> 9028
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9028
Phe Asp Ser Thr Lys Ala Ser Ala Leu
1 5

<210> 9029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9029
Leu Val Val Leu Ser Phe Asp Ser Thr Lys
1 5 10

<210> 9030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9030
Leu Phe Tyr Leu Leu Val Val Leu Ser Phe
1 5 10

<210> 9031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9031
Leu Ser Phe Asp Ser Thr Lys Ala Ser Ala
1 5 10

<210> 9032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9032
His Ile Ser Val Trp Leu Gly Lys Lys
1 5

<210> 9033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9033
Ser Val Trp Leu Gly Lys Lys Leu Lys
1 5

<210> 9034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9034
Glu Ile Glu His Ile Ser Val Trp Leu
1 5

<210> 9035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9035
Asn Glu Ile Glu His Ile Ser Val Trp
1 5

<210> 9036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9036
Ile Ser Val Trp Leu Gly Lys Lys Leu
1 5

<210> 9037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9037
Ile Ser Val Trp Leu Gly Lys Lys Leu Lys
1 5 10

<210> 9038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9038
Asn Glu Ile Glu His Ile Ser Val Trp Leu
1 5 10

<210> 9039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9039
Thr Leu Ser Pro Leu Cys Ser Leu Ile
1 5

<210> 9040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9040
Ser Met Arg Ser Arg Gly Gly Ser Leu
1 5

<210> 9041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9041
Met Ser Pro Pro Thr Leu Ser Pro Leu
1 5

<210> 9042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9042
Arg Ser Arg Gly Gly Ser Leu Glu Met
1 5

<210> 9043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9043
Ser Pro Leu Cys Ser Leu Ile Val Val
1 5

<210> 9044
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9044
Ser Leu Glu Met Ser Pro Pro Thr Leu
1 5

<210> 9045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9045
Leu Glu Met Ser Pro Pro Thr Leu Ser
1 5

<210> 9046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9046
Thr Leu Ser Pro Leu Cys Ser Leu Ile Val
1 5 10

<210> 9047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9047
Ser Leu Ile Val Val Ile Leu Ile Asn Ala
1 5 10

<210> 9048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9048
Glu Met Ser Pro Pro Thr Leu Ser Pro Leu
1 5 10

<210> 9049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9049
Ser Ser Met Arg Ser Arg Gly Gly Ser Leu
1 5 10

<210> 9050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9050
Ser Met Arg Ser Arg Gly Gly Ser Leu Glu
1 5 10

<210> 9051
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9051
Arg Ser Arg Gly Gly Ser Leu Glu Met Ser
1 5 10

<210> 9052
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9052
Ser Pro Leu Cys Ser Leu Ile Val Val Ile
1 5 10

<210> 9053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9053
Met Arg Ser Arg Gly Gly Ser Leu Glu Met
1 5 10

<210> 9054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9054
Gly Ser Leu Glu Met Ser Pro Pro Thr Leu
1 5 10

<210> 9055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9055
Leu Glu Met Ser Pro Pro Thr Leu Ser Pro
1 5 10

<210> 9056
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9056
Ile Asp Asn Asn Ser Thr Ala Ser Tyr
1 5

<210> 9057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9057
Arg Ile Asp Asn Asn Ser Thr Ala Ser Tyr
1 5 10

<210> 9058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9058
Ile Asp Asn Asn Ser Thr Ala Ser Tyr Leu
1 5 10

<210> 9059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9059
Ala Leu Lys Ala Ile Arg Ala Leu Met
1 5

<210> 9060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9060
Ala Ile Arg Ala Leu Met Glu Asn Ala
1 5

<210> 9061
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9061
Ile Ile Ser Ala Leu Lys Ala Ile Arg
1 5

<210> 9062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9062
Ser Ala Leu Lys Ala Ile Arg Ala Leu
1 5

<210> 9063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9063
Ala Ile Arg Ala Leu Met Glu Asn Ala Val
1 5 10

<210> 9064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9064
Ser Ala Leu Lys Ala Ile Arg Ala Leu Met
1 5 10

<210> 9065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9065
Thr Ile Ile Ser Ala Leu Lys Ala Ile Arg
1 5 10

<210> 9066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9066
Ile Ser Ala Leu Lys Ala Ile Arg Ala Leu
1 5 10

<210> 9067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9067
Phe Thr Asp Asp Pro Ile Thr Glu Phe
1 5

<210> 9068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9068
Ile Thr Glu Phe Lys Leu Asn Ala Tyr
1 5

<210> 9069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9069

Met Val Gln Phe Thr Asp Asp Pro Ile
1 5

<210> 9070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9070
Val Gln Phe Thr Asp Asp Pro Ile Thr
1 5

<210> 9071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9071
Phe Thr Asp Asp Pro Ile Thr Glu Phe Lys
1 5 10

<210> 9072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9072
Ala Met Val Gln Phe Thr Asp Asp Pro Ile
1 5 10

<210> 9073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9073
Ile Thr Glu Phe Lys Leu Asn Ala Tyr Lys
1 5 10

<210> 9074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9074
Gln Phe Thr Asp Asp Pro Ile Thr Glu Phe
1 5 10

<210> 9075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9075
Arg Gly Gln Ala Gly Pro Pro Gly Val Met
1 5 10

<210> 9076
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9076
Asp Leu Trp Ser Thr Cys Arg Ser Arg
1 5

<210> 9077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9077
Gly Pro Arg Gly Gln Pro Gly Asp Val
1 5

<210> 9078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9078
Lys Gly Lys Lys Gly Glu Pro Ile Ile
1 5

<210> 9079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9079
Lys Lys Gly Glu Pro Ile Ile Ser Thr Ile
1 5 10

<210> 9080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9080
Glu Pro Ile Ile Ser Thr Ile Gln Gly Met
1 5 10

<210> 9081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9081
Gly Thr Val Gly Pro Pro Trp Pro Val
1 5

<210> 9082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9082
Asp Pro Gly Thr Val Gly Pro Pro Trp
1 5

<210> 9083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9083
Trp Ser Met Gly Leu Pro Gly Pro Lys
1 5

<210> 9084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9084
Ser Ile Gly Ile Arg Gly Gln Pro Trp
1 5

<210> 9085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9085
Arg Gly Gln Pro Trp Ser Met Gly Leu
1 5

<210> 9086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9086
Gln Pro Trp Ser Met Gly Leu Pro Gly

1 5

<210> 9087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9087
Gly Ser Ile Gly Ile Arg Gly Gln Pro Trp
1 5 10

<210> 9088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9088
Ile Gly Ile Arg Gly Gln Pro Trp Ser Met
1 5 10

<210> 9089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9089
Asp Ser Ile Asp Gln Cys Asp Leu Ile
1 5

<210> 9090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9090
Asn Val Phe Phe Lys Leu Val Asp Lys
1 5

<210> 9091

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9091
Phe Ala Ser Glu Pro Asn Asn Val Phe
1 5

<210> 9092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9092
Ala Ser Glu Pro Asn Asn Val Phe Phe
1 5

<210> 9093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9093
Glu Pro Asn Asn Val Phe Phe Lys Leu
1 5

<210> 9094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9094
Tyr Thr Phe Ala Ser Glu Pro Asn Asn Val
1 5 10

<210> 9095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9095
Ala Ser Glu Pro Asn Asn Val Phe Phe Lys
1 5 10

<210> 9096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9096
Thr Phe Ala Ser Glu Pro Asn Asn Val Phe
1 5 10

<210> 9097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9097
Phe Ala Ser Glu Pro Asn Asn Val Phe Phe
1 5 10

<210> 9098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9098
Glu Pro Asn Asn Val Phe Phe Lys Leu Val
1 5 10

<210> 9099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9099
Ser Glu Pro Asn Asn Val Phe Phe Lys Leu
1 5 10

<210> 9100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9100
Lys Met Glu Asp Asn Gly Ser Asp Tyr
1 5

<210> 9101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9101
Met Glu Asp Asn Gly Ser Asp Tyr Leu
1 5

<210> 9102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9102
Lys Met Glu Asp Asn Gly Ser Asp Tyr Leu
1 5 10

<210> 9103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9103
Ser Gly Arg Glu Ser Pro Phe Val Lys Met
1 5 10

<210> 9104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9104
Val Lys Met Glu Asp Asn Gly Ser Asp Tyr
1 5 10

<210> 9105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9105
Met Glu Asp Asn Gly Ser Asp Tyr Leu Val
1 5 10

<210> 9106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9106
Gln Ile Asp Ile Asp Gly Phe Ala Val
1 5

<210> 9107
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9107
Gly Gln Ile Asp Ile Asp Gly Phe Ala
1 5

<210> 9108
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9108
Leu Pro Ile Lys Pro Arg Gly Gln Ile
1 5

<210> 9109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9109
Gly Gln Ile Asp Ile Asp Gly Phe Ala Val
1 5 10

<210> 9110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9110
Phe Gln Ala Ser Met Ala Ser Thr Val
1 5

<210> 9111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9111
Ser Met Ala Ser Thr Val Thr Glu Val
1 5

<210> 9112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9112
Glu Leu Gln Ala Ser Leu Ala His Leu
1 5

<210> 9113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9113
Leu Gln Ala Ser Leu Ala His Leu Ala
1 5

<210> 9114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9114
Val Leu Arg Ala Pro Arg Ala Pro Arg
1 5

<210> 9115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9115
Ala Ser Leu Ala His Leu Ala Leu Met
1 5

<210> 9116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9116
Val Thr Glu Val Leu Arg Ala Pro Arg
1 5

<210> 9117
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9117
Met Ala Ser Thr Val Thr Glu Val Leu
1 5

<210> 9118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9118
Glu Ser Gln Glu Leu Gln Ala Ser Leu
1 5

<210> 9119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9119
Gly Pro Leu Glu Phe Gln Ala Ser Met
1 5

<210> 9120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9120
Leu Glu Phe Gln Ala Ser Met Ala Ser
1 5

<210> 9121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9121
Arg Glu Ser Gln Glu Leu Gln Ala Ser
1 5

<210> 9122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9122
Gln Glu Leu Gln Ala Ser Leu Ala His
1 5

<210> 9123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9123
Gln Ala Ser Leu Ala His Leu Ala Leu
1 5

<210> 9124
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9124
Thr Glu Val Leu Arg Ala Pro Arg Ala
1 5

<210> 9125
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9125
Ala Ser Met Ala Ser Thr Val Thr Glu Val
1 5 10

<210> 9126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9126
Ser Met Ala Ser Thr Val Thr Glu Val Leu
1 5 10

<210> 9127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9127
Leu Gln Ala Ser Leu Ala His Leu Ala Leu
1 5 10

<210> 9128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9128
Phe Gln Ala Ser Met Ala Ser Thr Val Thr
1 5 10

<210> 9129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9129
Val Leu Arg Ala Pro Arg Ala Pro Arg Val
1 5 10

<210> 9130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9130
Glu Leu Gln Ala Ser Leu Ala His Leu Ala
1 5 10

<210> 9131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9131
Met Ala Ser Thr Val Thr Glu Val Leu Arg
1 5 10

<210> 9132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9132
Thr Val Thr Glu Val Leu Arg Ala Pro Arg
1 5 10

<210> 9133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9133

Glu Val Leu Arg Ala Pro Arg Ala Pro Arg
1 5 10

<210> 9134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9134
Glu Ser Gln Glu Leu Gln Ala Ser Leu Ala
1 5 10

<210> 9135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9135
Ala Pro Arg Ala Pro Arg Val Leu Gln Val
1 5 10

<210> 9136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9136
Leu Glu Phe Gln Ala Ser Met Ala Ser Thr
1 5 10

<210> 9137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9137
Leu Arg Ala Pro Arg Ala Pro Arg Val Leu
1 5 10

<210> 9138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9138
Leu Gln Val Asn Arg Glu Ser Gln Glu Leu
1 5 10

<210> 9139
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9139
Arg Glu Ser Gln Glu Leu Gln Ala Ser Leu
1 5 10

<210> 9140
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9140
Ser Gln Glu Leu Gln Ala Ser Leu Ala His
1 5 10

<210> 9141
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9141
Gln Glu Leu Gln Ala Ser Leu Ala His Leu
1 5 10

<210> 9142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9142
Gln Ala Ser Leu Ala His Leu Ala Leu Met
1 5 10

<210> 9143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9143
Glu Phe Val Cys Glu Ala Ile Gln Arg
1 5

<210> 9144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9144
Asp Val Leu Glu Phe Val Cys Glu Ala
1 5

<210> 9145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9145
Phe Val Cys Glu Ala Ile Gln Arg Phe
1 5

<210> 9146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9146
Glu Phe Val Cys Glu Ala Ile Gln Arg Phe
1 5 10

<210> 9147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9147
Asp Val Leu Glu Phe Val Cys Glu Ala Ile
1 5 10

<210> 9148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9148
Cys Glu Ala Ile Gln Arg Phe Asp Asn Leu
1 5 10

<210> 9149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9149
Arg Trp Arg Gln Leu Ser Leu Ser Ala
1 5

<210> 9150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9150
Cys Pro Glu Pro Arg Trp Arg Gln Leu

1 5

<210> 9151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9151
Glu Pro Arg Trp Arg Gln Leu Ser Leu
1 5

<210> 9152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9152
Trp Arg Gln Leu Ser Leu Ser Ala Ala
1 5

<210> 9153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9153
Arg Trp Arg Gln Leu Ser Leu Ser Ala Ala
1 5 10

<210> 9154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9154
Trp Arg Gln Leu Ser Leu Ser Ala Ala Ala
1 5 10

<210> 9155

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9155
Gln Pro Pro Ala Cys Pro Glu Pro Arg Trp
1 5 10

<210> 9156
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9156
Gln Leu Arg Ala Glu Thr Ser Ala Leu
1 5

<210> 9157
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9157
Thr Leu Arg Asp Thr Thr Arg Leu His
1 5

<210> 9158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9158
Glu Thr Ser Ala Leu Leu Thr Leu Arg
1 5

<210> 9159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9159
Leu Leu Thr Leu Arg Asp Thr Thr Arg
1 5

<210> 9160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9160
Asp Thr Thr Arg Leu His Gly Glu Val
1 5

<210> 9161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9161
Leu Arg Ala Glu Thr Ser Ala Leu Leu
1 5

<210> 9162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9162
Ala Glu Thr Ser Ala Leu Leu Thr Leu
1 5

<210> 9163
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9163
Ser Glu Gln Leu Arg Ala Glu Thr Ser
1 5

<210> 9164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9164
Gln Leu Arg Ala Glu Thr Ser Ala Leu Leu
1 5 10

<210> 9165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9165
Leu Leu Thr Leu Arg Asp Thr Thr Arg Leu
1 5 10

<210> 9166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9166
Asn Leu Arg Met Gly Ser Glu Gln Leu Arg
1 5 10

<210> 9167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9167
Ser Glu Gln Leu Arg Ala Glu Thr Ser Ala
1 5 10

<210> 9168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9168
Glu Gln Leu Arg Ala Glu Thr Ser Ala Leu
1 5 10

<210> 9169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9169
Arg Ala Glu Thr Ser Ala Leu Leu Thr Leu
1 5 10

<210> 9170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9170
Val Ile Ile Gly Gly Val Thr Arg Leu
1 5

<210> 9171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9171
Met Ala Val Val Gly Val Ser Leu Val
1 5

<210> 9172
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9172
Ser Leu Val Ser Arg Leu Leu Gly Arg
1 5

<210> 9173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9173
Ala Val Val Gly Val Ser Leu Val Ser Arg
1 5 10

<210> 9174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9174
Val Ser Leu Val Ser Arg Leu Leu Gly Arg
1 5 10

<210> 9175
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9175
Leu Val Ser Arg Leu Leu Gly Arg Ser Arg
1 5 10

<210> 9176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9176
Ile Val Ser Thr Ser Val Thr His Leu
1 5

<210> 9177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9177
Ser Thr Ser Val Thr His Leu Val Arg
1 5

<210> 9178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9178
Arg Glu Lys Gly Leu Ser Ser Pro Lys
1 5

<210> 9179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9179
Val Ser Thr Ser Val Thr His Leu Val
1 5

<210> 9180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9180
Ser Pro Lys His Gly Phe Gly Ile Val
1 5

<210> 9181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9181
Gly Leu Ser Ser Pro Lys His Gly Phe
1 5

<210> 9182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9182
Ile Val Ser Thr Ser Val Thr His Leu Val
1 5 10

<210> 9183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9183
Gly Ile Val Ser Thr Ser Val Thr His Leu
1 5 10

<210> 9184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9184
Val Ser Thr Ser Val Thr His Leu Val Arg
1 5 10

<210> 9185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9185
Val Thr His Leu Val Arg Gly His Ser Val
1 5 10

<210> 9186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9186
His Gly Phe Gly Ile Val Ser Thr Ser Val
1 5 10

<210> 9187
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9187
Lys Gly Leu Ser Ser Pro Lys His Gly Phe
1 5 10

<210> 9188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9188
Phe Gly Ile Val Ser Thr Ser Val Thr His
1 5 10

<210> 9189
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9189
Arg Ala Tyr Ser Ser Phe Asn Gln Ala
1 5

<210> 9190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9190
Ala Tyr Ser Ser Phe Asn Gln Ala Met
1 5

<210> 9191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9191
Arg Ala Tyr Ser Ser Phe Asn Gln Ala Met
1 5 10

<210> 9192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9192
Gly Ser His Gly Ser Arg Leu Glu Lys
1 5

<210> 9193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9193
Glu Ile Val Gly Ser His Gly Ser Arg
1 5

<210> 9194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9194
Gly Glu Ile Val Gly Ser His Gly Ser
1 5

<210> 9195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9195
Val Gly Ser His Gly Ser Arg Leu Glu Lys
1 5 10

<210> 9196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9196
Glu Ile Val Gly Ser His Gly Ser Arg Leu
1 5 10

<210> 9197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9197

Ser Ser Lys Arg Ile Tyr Ala Ile Ala
1 5

<210> 9198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9198
Ser Lys Arg Ile Tyr Ala Ile Ala Lys
1 5

<210> 9199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9199
Glu Leu Ser Glu Pro Ser Ser Lys Arg
1 5

<210> 9200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9200
Ser Glu Pro Ser Ser Lys Arg Ile Tyr
1 5

<210> 9201
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9201
Leu Ser Glu Pro Ser Ser Lys Arg Ile Tyr
1 5 10

<210> 9202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9202
Ser Ser Lys Arg Ile Tyr Ala Ile Ala Lys
1 5 10

<210> 9203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9203
Glu Pro Ser Ser Lys Arg Ile Tyr Ala Ile
1 5 10

<210> 9204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9204
Lys Arg Ile Tyr Ala Ile Ala Lys Ala Ile
1 5 10

<210> 9205
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9205
Arg Thr Gln Gln Val Ile Gly Val Met
1 5

<210> 9206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9206
Asn Gln Gln Arg Thr Gln Gln Val Ile
1 5

<210> 9207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9207
Ser Pro Asn Gln Gln Arg Thr Gln Gln Val
1 5 10

<210> 9208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9208
Gln Gln Arg Thr Gln Gln Val Ile Gly Val
1 5 10

<210> 9209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9209
Gln Arg Thr Gln Gln Val Ile Gly Val Met
1 5 10

<210> 9210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9210
Cys Leu Lys Thr Gln Ser Gly Gln Val
1 5

<210> 9211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9211
Gln Val Leu Arg Thr Ser Ala Asn Val
1 5

<210> 9212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9212
Arg Thr Ser Ala Asn Val Asn His Val
1 5

<210> 9213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9213
Lys Thr Gln Ser Gly Gln Val Leu Arg
1 5

<210> 9214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9214
Thr Ser Ala Asn Val Asn His Val Val

1 5

<210> 9215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9215
Leu Lys Thr Gln Ser Gly Gln Val Leu
1 5

<210> 9216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9216
Ser Ala Asn Val Asn His Val Val Ile
1 5

<210> 9217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9217
Ala Asn Val Asn His Val Val Ile Leu
1 5

<210> 9218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9218
Gly Gln Val Leu Arg Thr Ser Ala Asn Val
1 5 10

<210> 9219

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9219
Arg Thr Ser Ala Asn Val Asn His Val Val
1 5 10

<210> 9220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9220
Thr Ser Ala Asn Val Asn His Val Val Ile
1 5 10

<210> 9221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9221
Asn Val Asn His Val Val Ile Leu Gln Ile
1 5 10

<210> 9222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9222
Cys Leu Lys Thr Gln Ser Gly Gln Val Leu
1 5 10

<210> 9223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9223
Ser Ala Asn Val Asn His Val Val Ile Leu
1 5 10

<210> 9224
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9224
Trp Ser Ala Val Pro Pro His Val Lys
1 5

<210> 9225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9225
Lys Trp Ser Ala Val Pro Pro His Val
1 5

<210> 9226
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9226
His Val Lys Arg His Ala Val Asn Leu
1 5

<210> 9227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9227
Ser Ala Val Pro Pro His Val Lys Arg
1 5

<210> 9228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9228
Pro Pro His Val Lys Arg His Ala Val
1 5

<210> 9229
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9229
Gly Lys Trp Ser Ala Val Pro Pro His
1 5

<210> 9230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9230
Ser Gly Lys Trp Ser Ala Val Pro Pro His
1 5 10

<210> 9231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9231
Lys Trp Ser Ala Val Pro Pro His Val Lys
1 5 10

<210> 9232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9232
Trp Ser Ala Val Pro Pro His Val Lys Arg
1 5 10

<210> 9233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9233
Val Pro Pro His Val Lys Arg His Ala Val
1 5 10

<210> 9234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9234
Gly Lys Trp Ser Ala Val Pro Pro His Val
1 5 10

<210> 9235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9235
Ser Ile Ile Cys His Pro His Leu Arg
1 5

<210> 9236
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9236
Ser Ile Ile Cys His Pro His Leu Arg Leu
1 5 10

<210> 9237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9237
Thr Ser Ile Ile Cys His Pro His Leu Arg
1 5 10

<210> 9238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9238
Met Thr Ser Asn Gly Val Ala Leu Leu Thr
1 5 10

<210> 9239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9239
Leu Thr Ser Ile Ile Cys His Pro His Leu
1 5 10

<210> 9240
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9240
Asn Gly Val Ala Leu Leu Asn Val Tyr
1 5

<210> 9241
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9241
Val Ala Leu Leu Asn Val Tyr Asn Met
1 5

<210> 9242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9242
Leu Leu Asn Val Tyr Asn Met Pro Ser Thr
1 5 10

<210> 9243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9243
Val Tyr Asn Met Pro Ser Thr Pro Ser Phe
1 5 10

<210> 9244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9244
Ser Asn Gly Val Ala Leu Leu Asn Val Tyr
1 5 10

<210> 9245
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9245
Thr Ser Asn Gly Val Ala Leu Leu Asn Val
1 5 10

<210> 9246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9246
Arg Gly Arg Cys His Met His Pro Asp
1 5

<210> 9247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9247
Cys His Met His Pro Asp Gly Arg Phe
1 5

<210> 9248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9248
Arg Gly Arg Cys His Met His Pro Asp Gly
1 5 10

<210> 9249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9249
Ala Pro Cys Ala Arg Gly Arg Cys His Met
1 5 10

<210> 9250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9250
Arg Cys His Met His Pro Asp Gly Arg Phe
1 5 10

<210> 9251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9251
His Met His Pro Asp Gly Arg Phe Glu Cys
1 5 10

<210> 9252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9252
Tyr Leu His Ser Ile His Phe Phe Arg
1 5

<210> 9253
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9253
His Ser Ile His Phe Phe Arg Pro Arg
1 5

<210> 9254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9254
Val Tyr Ile Ser Tyr Leu His Ser Ile
1 5

<210> 9255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9255
Ile Ser Tyr Leu His Ser Ile His Phe
1 5

<210> 9256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9256
Ser Tyr Leu His Ser Ile His Phe Phe
1 5

<210> 9257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9257
Arg Val Tyr Ile Ser Tyr Leu His Ser
1 5

<210> 9258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9258
Tyr Ile Ser Tyr Leu His Ser Ile His
1 5

<210> 9259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9259
Arg Val Tyr Ile Ser Tyr Leu His Ser Ile
1 5 10

<210> 9260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9260
Ser Tyr Leu His Ser Ile His Phe Phe Arg
1 5 10

<210> 9261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9261

Tyr Ile Ser Tyr Leu His Ser Ile His Phe
1 5 10

<210> 9262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9262
Ile Ser Tyr Leu His Ser Ile His Phe Phe
1 5 10

<210> 9263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9263
His Phe Phe Arg Pro Arg Cys Leu His
1 5

<210> 9264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9264
His Thr Ala Val Tyr His Glu Ile Leu
1 5

<210> 9265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9265
Arg Pro Arg Cys Leu His Thr Ala Val
1 5

<210> 9266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9266
Phe Phe Arg Pro Arg Cys Leu His Thr
1 5

<210> 9267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9267
Cys Leu His Thr Ala Val Tyr His Glu Ile
1 5 10

<210> 9268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9268
Phe Phe Arg Pro Arg Cys Leu His Thr Ala
1 5 10

<210> 9269
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9269
Arg Pro Arg Cys Leu His Thr Ala Val Tyr
1 5 10

<210> 9270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9270
His Thr Ala Val Tyr His Glu Ile Leu Ile
1 5 10

<210> 9271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9271
Val Leu Asn Ile Leu Lys Ser Asn Leu
1 5

<210> 9272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9272
Ile Leu Lys Ser Asn Leu Gln Leu Met
1 5

<210> 9273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9273
Asn Leu Gln Leu Met Ala Ala Phe Ile
1 5

<210> 9274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9274
Leu Gln Leu Met Ala Ala Phe Ile Lys
1 5

<210> 9275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9275
Lys Ser Asn Leu Gln Leu Met Ala Ala
1 5

<210> 9276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9276
Ser Asn Leu Gln Leu Met Ala Ala Phe
1 5

<210> 9277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9277
Leu Lys Ser Asn Leu Gln Leu Met Ala
1 5

<210> 9278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9278
Ile Leu Lys Ser Asn Leu Gln Leu Met Ala

1 5 10

<210> 9279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9279
Asn Leu Gln Leu Met Ala Ala Phe Ile Lys
1 5 10

<210> 9280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9280
Lys Ser Asn Leu Gln Leu Met Ala Ala Phe
1 5 10

<210> 9281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9281
Leu Lys Ser Asn Leu Gln Leu Met Ala Ala
1 5 10

<210> 9282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9282
Ser Met Trp Ser Ala His Leu Leu Met
1 5

<210> 9283

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9283
His Leu Leu Met Cys Pro Cys Gly Val
1 5

<210> 9284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9284
Trp Ser Ala Arg Leu Leu Thr His Val
1 5

<210> 9285
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9285
His Val Ser Met Trp Ser Ala His Leu
1 5

<210> 9286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9286
Arg Leu Leu Thr His Val Ser Met Trp
1 5

<210> 9287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9287
Leu Thr His Val Ser Met Trp Ser Ala
1 5

<210> 9288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9288
His Thr Cys Gln Arg Gly Val Pro Ala
1 5

<210> 9289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9289
Met Trp Ser Ala Arg Leu Leu Thr His
1 5

<210> 9290
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9290
Thr Trp Ser Ala Arg Leu Leu Thr Arg
1 5

<210> 9291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9291
Val Pro Thr Cys Ser His Val Pro Met
1   5

<210> 9292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9292
Val Pro Ala Cys Ser Arg Ala His Val
1   5

<210> 9293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9293
Val Pro Thr Trp Ser Ala Arg Leu Leu
1   5

<210> 9294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9294
Ala Arg Leu Leu Thr His Val Ser Met
1   5

<210> 9295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9295
Thr His Val Ser Met Trp Ser Ala His
1   5

<210> 9296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9296
Val Ser Met Trp Ser Ala His Leu Leu
1 5

<210> 9297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9297
Leu Met Cys Pro Cys Gly Val Pro Thr
1 5

<210> 9298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9298
Ser His Val Pro Met Trp Ser Ala Thr
1 5

<210> 9299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9299
Leu Leu Thr His Val Ser Met Trp Ser Ala
1 5 10

<210> 9300
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9300
Ser Met Trp Ser Ala His Leu Leu Met Cys
1 5 10

<210> 9301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9301
Leu Leu Met Cys Pro Cys Gly Val Pro Thr
1 5 10

<210> 9302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9302
His Val Ser Met Trp Ser Ala His Leu Leu
1 5 10

<210> 9303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9303
Gly Val Pro Ala Cys Ser Arg Ala His Val
1 5 10

<210> 9304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9304
Ser Ala Arg Leu Leu Thr His Val Ser Met
1 5 10

<210> 9305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9305
Pro Thr Trp Ser Ala Arg Leu Leu Thr Arg
1 5 10

<210> 9306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9306
His Val Pro Thr Trp Ser Ala Arg Leu Leu
1 5 10

<210> 9307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9307
Ala Arg Leu Leu Thr His Val Ser Met Trp
1 5 10

<210> 9308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9308
Leu Thr His Val Ser Met Trp Ser Ala His
1 5 10

<210> 9309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9309
Thr His Val Ser Met Trp Ser Ala His Leu
1 5 10

<210> 9310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9310
Val Ser Met Trp Ser Ala His Leu Leu Met
1 5 10

<210> 9311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9311
Val Pro Thr Cys Ser His Val Pro Met Trp
1 5 10

<210> 9312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9312
Val Pro Met Trp Ser Ala Thr Cys Ser His
1 5 10

<210> 9313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9313
His Thr Cys Pro Arg Gly Val Pro Ala
1 5

<210> 9314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9314
Cys Pro Pro Ala His Thr Cys Pro Arg
1 5

<210> 9315
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9315
Arg Gly Val Pro Ala Cys Ser His Val
1 5

<210> 9316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9316
His Thr Cys Pro Arg Gly Val Pro Ala
1 5

<210> 9317
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9317
Cys Pro Pro Ala His Thr Cys Pro Arg
1 5

<210> 9318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9318
Arg Gly Val Pro Ala Cys Ser His Val
1 5

<210> 9319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9319
Phe Leu Ser Cys Arg Pro Ser Gln Thr
1 5

<210> 9320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9320
Thr Leu Leu Pro Tyr Ile Leu Leu Met
1 5

<210> 9321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9321
Leu Leu Pro Tyr Ile Leu Leu Met Val
1 5

<210> 9322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9322
Cys Leu Pro Ala His Thr Cys Pro Cys
1 5

<210> 9323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9323
His Met Cys Arg Cys Gly Val Pro Ala
1 5

<210> 9324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9324
Trp Ser Ala Arg Leu Leu Thr His Val
1 5

<210> 9325
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9325

Gly Ser Val Gly Phe Leu Ser Cys Arg
1 5

<210> 9326
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9326
Val Phe Ala Cys Ser His Val Pro Met
1 5

<210> 9327
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9327
Arg Leu Leu Thr His Val Pro Met Trp
1 5

<210> 9328
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9328
Pro Trp His Gly Gly Ser Val Gly Phe
1 5

<210> 9329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9329
Pro Tyr Ile Leu Leu Met Val Ala Phe
1 5

<210> 9330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9330
His Thr Cys Pro Cys Gly Val Phe Ala
1 5

<210> 9331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9331
Ser Ala Arg Leu Leu Thr Arg Ala Ile
1 5

<210> 9332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9332
Leu Thr Arg Ala His Val Glu Cys Leu
1 5

<210> 9333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9333
Arg Ala His Val Glu Cys Leu Pro Ala
1 5

<210> 9334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9334
Met Trp Ser Ala Arg Leu Leu Thr His
1 5

<210> 9335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9335
Arg Pro Ser Gln Thr Leu Leu Pro Tyr
1 5

<210> 9336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9336
Phe Ala Cys Ser His Val Pro Met Arg
1 5

<210> 9337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9337
Ile Trp Ser Ala Arg Leu Leu Thr Arg
1 5

<210> 9338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9338
Asp Val Glu Cys Pro Pro Ala His Val
1 5

<210> 9339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9339
His Val Pro Ile Trp Ser Ala Arg Leu
1 5

<210> 9340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9340
Gln Thr Leu Leu Pro Tyr Ile Leu Leu
1 5

<210> 9341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9341
Val Pro Ala Cys Ser Arg Ala Asp Val
1 5

<210> 9342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9342
Val Pro Ile Trp Ser Ala Arg Leu Leu

1 5

<210> 9343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9343
Leu Pro Ala His Thr Arg Ala His Val
1 5

<210> 9344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9344
Ala His Thr Cys Pro Cys Gly Val Phe
1 5

<210> 9345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9345
Arg Ala Ile Val Glu Cys Pro Pro Ala
1 5

<210> 9346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9346
Ala Arg Leu Leu Thr His Val Pro Met
1 5

<210> 9347

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9347
Ala His Val Glu Cys Leu Pro Ala His
1 5

<210> 9348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9348
Leu Ser Cys Arg Pro Ser Gln Thr Leu
1 5

<210> 9349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9349
Ser Gln Thr Leu Leu Pro Tyr Ile Leu
1 5

<210> 9350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9350
Leu Pro Tyr Ile Leu Leu Met Val Ala
1 5

<210> 9351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9351
Cys Pro Pro Ala His Val Pro Ile Trp
1 5

<210> 9352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9352
Cys Pro Pro Ala His Thr Lys Pro Trp
1 5

<210> 9353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9353
Leu Leu Thr Arg Ala His Val Glu Cys Leu
1 5 10

<210> 9354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9354
Cys Leu Pro Ala His Thr Arg Ala His Val
1 5 10

<210> 9355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9355
Phe Leu Ser Cys Arg Pro Ser Gln Thr Leu
1 5 10

<210> 9356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9356
Thr Leu Leu Pro Tyr Ile Leu Leu Met Val
1 5 10

<210> 9357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9357
Leu Leu Pro Tyr Ile Leu Leu Met Val Ala
1 5 10

<210> 9358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9358
Leu Leu Thr Arg Ala Asp Val Glu Cys Leu
1 5 10

<210> 9359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9359
His Val Glu Cys Pro Pro Ala His Thr Lys
1 5 10

<210> 9360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9360
Gly Val Phe Ala Cys Ser His Val Pro Met
1 5 10

<210> 9361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9361
Ser Ala Arg Leu Leu Thr Arg Ala Asp Ala
1 5 10

<210> 9362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9362
Ser Ala Arg Leu Leu Thr Arg Ala Ile Val
1 5 10

<210> 9363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9363
Ser Ala Arg Leu Leu Thr His Val Pro Met
1 5 10

<210> 9364
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9364
His Thr Lys Pro Trp His Gly Gly Ser Val
1 5 10

<210> 9365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9365
Val Phe Ala Cys Ser His Val Pro Met Arg
1 5 10

<210> 9366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9366
Pro Ala His Val Pro Ile Trp Ser Ala Arg
1 5 10

<210> 9367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9367
Pro Ile Trp Ser Ala Arg Leu Leu Thr Arg
1 5 10

<210> 9368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9368
His Val Glu Cys Leu Pro Ala His Thr Arg
1 5 10

<210> 9369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9369
His Val Pro Ile Trp Ser Ala Arg Leu Leu
1 5 10

<210> 9370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9370
Trp Ser Ala Arg Leu Leu Thr Arg Ala Ile
1 5 10

<210> 9371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9371
Lys Pro Trp His Gly Gly Ser Val Gly Phe
1 5 10

<210> 9372
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9372
Arg Pro Ser Gln Thr Leu Leu Pro Tyr Ile
1 5 10

<210> 9373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9373
Leu Pro Tyr Ile Leu Leu Met Val Ala Phe
1 5 10

<210> 9374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9374
Ser Arg Ala Asp Val Gly Cys Pro Pro Ala
1 5 10

<210> 9375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9375
Ala Asp Val Gly Cys Pro Pro Ala His Met
1 5 10

<210> 9376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9376
Ala His Met Cys Arg Cys Gly Val Pro Ala
1 5 10

<210> 9377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9377
Val Glu Cys Pro Pro Ala His Val Pro Ile
1 5 10

<210> 9378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9378
Ala His Val Pro Ile Trp Ser Ala Arg Leu
1 5 10

<210> 9379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9379
Arg Ala Ile Val Glu Cys Pro Pro Ala His
1 5 10

<210> 9380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9380
Ala Arg Leu Leu Thr His Val Pro Met Trp
1 5 10

<210> 9381
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9381
Arg Ala His Val Glu Cys Leu Pro Ala His
1 5 10

<210> 9382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9382
Leu Ser Cys Arg Pro Ser Gln Thr Leu Leu
1 5 10

<210> 9383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9383
Cys Arg Pro Ser Gln Thr Leu Leu Pro Tyr
1 5 10

<210> 9384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9384
Ser Gln Thr Leu Leu Pro Tyr Ile Leu Leu
1 5 10

<210> 9385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9385
Val Glu Cys Leu Pro Ala His Thr Arg Ala
1 5 10

<210> 9386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9386
Val Glu Cys Pro Pro Ala His Thr His Ala
1 5 10

<210> 9387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9387
Leu Pro Ala His Thr Cys Pro Cys Gly Val
1 5 10

<210> 9388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9388
Cys Pro Pro Ala His Thr His Ala Asp Val
1 5 10

<210> 9389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9389

Thr Trp Ser Ala Arg Leu Leu Thr Arg
1 5

<210> 9390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9390
Val Pro Thr Trp Ser Ala Arg Leu Leu
1 5

<210> 9391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9391
Pro Thr Trp Ser Ala Arg Leu Leu Thr Arg
1 5 10

<210> 9392
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9392
His Val Pro Thr Trp Ser Ala Arg Leu Leu
1 5 10

<210> 9393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9393
Ala Pro Tyr Lys His Gly Trp Pro Cys
1 5

<210> 9394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9394
Tyr Lys His Gly Trp Pro Cys Ser Ala
1 5

<210> 9395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9395
Trp Pro Cys Ser Ala Cys Pro Pro Ser
1 5

<210> 9396
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9396
Trp Pro Cys Ser Ala Cys Pro Pro Ser Phe
1 5 10

<210> 9397
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9397
Tyr Lys His Gly Trp Pro Cys Ser Ala Cys
1 5 10

<210> 9398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9398
Glu Pro Ala Leu Glu Lys Gln Ala Leu
1 5

<210> 9399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9399
Ala Glu Ser Arg Ala Glu Pro Ala Leu
1 5

<210> 9400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9400
Arg Leu Ala Glu Ser Arg Ala Glu Pro Ala
1 5 10

<210> 9401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9401
Glu Ser Arg Ala Glu Pro Ala Leu Glu Lys
1 5 10

<210> 9402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9402
Ala Glu Pro Ala Leu Glu Lys Gln Ala Leu
1 5 10

<210> 9403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9403
Tyr Leu Arg Val His Gly Val Val Val
1 5

<210> 9404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9404
Gly Tyr Leu Arg Val His Gly Val Val
1 5

<210> 9405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9405
Arg Val His Gly Val Val Val Pro Met
1 5

<210> 9406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9406
Arg Val His Gly Val Val Val Pro Met Val

1 5 10

<210> 9407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9407
Leu Val Gly Tyr Leu Arg Val His Gly Val
1 5 10

<210> 9408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9408
Gly Tyr Leu Arg Val His Gly Val Val Val
1 5 10

<210> 9409
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9409
Leu Arg Val His Gly Val Val Val Pro Met
1 5 10

<210> 9410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9410
Leu Glu Glu Ser Leu Lys Asn Thr Leu
1 5

<210> 9411

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9411
Ala Ser Ala Leu His Pro Leu Leu Arg
1 5

<210> 9412
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9412
Ala Leu His Pro Leu Leu Arg Leu Phe
1 5

<210> 9413
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9413
Asn Ala Ser Ala Leu His Pro Leu Leu
1 5

<210> 9414
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9414
His Pro Leu Leu Arg Leu Phe Ser Leu
1 5

<210> 9415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9415
Ser Ala Leu His Pro Leu Leu Arg Leu Phe
1 5 10

<210> 9416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9416
Asn Ala Ser Ala Leu His Pro Leu Leu Arg
1 5 10

<210> 9417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9417
Val Pro Asn Ala Ser Ala Leu His Pro Leu
1 5 10

<210> 9418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9418
Asn Tyr Arg Gly Gly Gln Tyr Leu Leu
1 5

<210> 9419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9419
Met Pro Asn Tyr Arg Gly Gly Gln Tyr
1 5

<210> 9420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9420
Tyr Glu Met Pro Asn Tyr Arg Gly Gly
1 5

<210> 9421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9421
Glu Met Pro Asn Tyr Arg Gly Gly Gln Tyr
1 5 10

<210> 9422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9422
Gly Gln Tyr Leu Leu Arg Pro Gly Glu Tyr
1 5 10

<210> 9423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9423
Asn Tyr Arg Gly Gly Gln Tyr Leu Leu Arg
1 5 10

<210> 9424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9424
Met Pro Asn Tyr Arg Gly Gly Gln Tyr Leu
1 5 10

<210> 9425
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9425
Arg Tyr His Asp Trp Gly Val Gln Met
1 5

<210> 9426
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9426
Gly Val Gln Met Pro Lys Ser Ala Leu
1 5

<210> 9427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9427
Arg Arg Tyr His Asp Trp Gly Val Gln Met
1 5 10

<210> 9428
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9428
Trp Gly Val Gln Met Pro Lys Ser Ala Leu
1 5 10

<210> 9429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9429
Ser Trp Ser Ser Gly Lys Lys Asn Lys
1 5

<210> 9430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9430
Ser Ala Cys Asn Ile Met Leu Leu Lys
1 5

<210> 9431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9431
Gly Ala Val Ser Ala Cys Asn Ile Met
1 5

<210> 9432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9432
Ala Val Ser Ala Cys Asn Ile Met Leu Leu
1 5 10

<210> 9433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9433
Val Ser Ala Cys Asn Ile Met Leu Leu Lys
1 5 10

<210> 9434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9434
Ser Ala Cys Asn Ile Met Leu Leu Lys Lys
1 5 10

<210> 9435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9435
His Thr Gly Ala Val Ser Ala Cys Asn Ile
1 5 10

<210> 9436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9436
Val Leu Arg Glu Gly Leu Ser Ser Leu
1 5

<210> 9437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9437
Glu Gly Leu Ser Ser Leu His Thr Arg
1 5

<210> 9438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9438
Arg Glu Gly Leu Ser Ser Leu His Thr
1 5

<210> 9439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9439
Ala Thr Arg Pro Gly Gly Trp Asn Arg
1 5

<210> 9440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9440
Arg Ala Ile Ala Thr Arg Pro Gly Gly
1 5

<210> 9441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9441
Glu Trp Gly Leu Gly Pro Pro Ala Arg
1 5

<210> 9442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9442
Ile Glu Trp Gly Leu Gly Pro Pro Ala
1 5

<210> 9443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9443
Ala Thr Arg Pro Gly Gly Trp Asn Arg Met
1 5 10

<210> 9444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9444
Ile Ala Thr Arg Pro Gly Gly Trp Asn Arg
1 5 10

<210> 9445
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9445
Arg Ala Ile Ala Thr Arg Pro Gly Gly Trp
1 5 10

<210> 9446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9446
Ile Glu Trp Gly Leu Gly Pro Pro Ala Arg
1 5 10

<210> 9447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9447
Phe Met Phe Phe Cys Asp Val Asp Ile
1 5

<210> 9448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9448
Glu Val Phe Met Phe Phe Cys Asp Val
1 5

<210> 9449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9449
Arg Ala Trp Asp Lys Gly Glu Val Phe
1 5

<210> 9450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9450
Gly Glu Val Phe Met Phe Phe Cys Asp
1 5

<210> 9451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9451
Ala Trp Asp Lys Gly Glu Val Phe Met Phe
1 5 10

<210> 9452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9452
Val Phe Met Phe Phe Cys Asp Val Asp Ile
1 5 10

<210> 9453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9453

Arg Ala Trp Asp Lys Gly Glu Val Phe Met
1 5 10

<210> 9454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9454
Phe Met Phe Phe Cys Asp Val Asp Ile Tyr
1 5 10

<210> 9455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9455
Ala Arg Ala Trp Asp Lys Gly Glu Val Phe
1 5 10

<210> 9456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9456
Gly Glu Val Phe Met Phe Phe Cys Asp Val
1 5 10

<210> 9457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9457
Ser Leu Leu Leu Ile Glu Ser Gln Leu
1 5

<210> 9458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9458
Leu Ile Glu Ser Gln Leu Glu Pro Val
1 5

<210> 9459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9459
Ser Gln Leu Glu Pro Val Arg Phe Leu
1 5

<210> 9460
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9460
Gln Leu Glu Pro Val Arg Phe Leu Arg
1 5

<210> 9461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9461
Leu Leu Ile Glu Ser Gln Leu Glu Pro Val
1 5 10

<210> 9462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9462
Ser Gln Leu Glu Pro Val Arg Phe Leu Arg
1 5 10

<210> 9463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9463
Ile Ser Leu Leu Leu Ile Glu Ser Gln Leu
1 5 10

<210> 9464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9464
Ile Glu Ser Gln Leu Glu Pro Val Arg Phe
1 5 10

<210> 9465
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9465
Gln Tyr Leu Asn Ser Leu Asn Cys Val
1 5

<210> 9466
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9466
Phe Pro Glu Gln Tyr Leu Asn Ser Leu
1 5

<210> 9467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9467
Gly Phe Pro Glu Gln Tyr Leu Asn Ser Leu
1 5 10

<210> 9468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9468
Gln Tyr Leu Asn Ser Leu Asn Cys Val Trp
1 5 10

<210> 9469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9469
Ile Leu Ser Pro Gly Phe Pro Glu Gln Tyr
1 5 10

<210> 9470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9470
Glu Gln Tyr Leu Asn Ser Leu Asn Cys Val

1 5 10

<210> 9471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9471
Leu Arg Phe Glu Cys Lys Phe Gly Phe
1 5

<210> 9472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9472
Phe Glu Cys Lys Phe Gly Phe Glu Leu
1 5

<210> 9473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9473
Arg Phe Glu Cys Lys Phe Gly Phe Glu Leu
1 5 10

<210> 9474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9474
Val Leu Arg Phe Glu Cys Lys Phe Gly Phe
1 5 10

<210> 9475

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9475
Arg Asp Val Leu Arg Phe Glu Cys Lys Phe
1 5 10

<210> 9476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9476
Phe Glu Cys Lys Phe Gly Phe Glu Leu Ile
1 5 10

<210> 9477
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9477
Leu Asn Tyr Asp Val Leu Glu Val Tyr
1 5

<210> 9478
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9478
Glu Val Tyr Asp Gly Pro Asn Leu Leu
1 5

<210> 9479
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9479
Leu Glu Val Tyr Asp Gly Pro Asn Leu
1 5

<210> 9480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9480
Glu Leu Asn Tyr Asp Val Leu Glu Val Tyr
1 5 10

<210> 9481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9481
Glu Val Tyr Asp Gly Pro Asn Leu Leu Ser
1 5 10

<210> 9482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9482
Leu Glu Val Tyr Asp Gly Pro Asn Leu Leu
1 5 10

<210> 9483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9483
Tyr Asp Gly Pro Asn Leu Leu Ser Pro Leu
1 5 10

<210> 9484
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9484
Asn Ser Leu Asn Cys Lys Trp Thr Val
1 5

<210> 9485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9485
Tyr Pro Asn Ser Leu Asn Cys Lys Trp
1 5

<210> 9486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9486
Ser Leu Asn Cys Lys Trp Thr Val Asp Val
1 5 10

<210> 9487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9487
Phe Tyr Pro Asn Ser Leu Asn Cys Lys Trp
1 5 10

<210> 9488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9488
Lys Trp Thr Val Asp Val Thr His Gly Lys
1 5 10

<210> 9489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9489
Glu Phe Tyr Pro Asn Ser Leu Asn Cys Lys
1 5 10

<210> 9490
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9490
Ala His Gly Phe Lys Val Tyr Tyr Lys
1 5

<210> 9491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9491
Ser Ala His Gly Phe Lys Val Tyr Tyr Lys
1 5 10

<210> 9492
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9492
His Gly Phe Lys Val Tyr Tyr Lys Glu Leu
1 5 10

<210> 9493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9493
Tyr Glu Glu Leu His Ser Ser Ser Cys
1 5

<210> 9494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9494
His Ser Ser Ser Cys Gly Asn Pro Gly Val
1 5 10

<210> 9495
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9495
Phe Thr Thr Ser Gly Phe Phe Cys Ala
1 5

<210> 9496
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9496
Ala Gln Leu Ser Arg Leu Ser Thr Lys
1 5

<210> 9497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9497
Gly Phe Phe Cys Ala Gln Leu Ser Arg
1 5

<210> 9498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9498
Leu Ser Arg Leu Ser Thr Lys Gly Val
1 5

<210> 9499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9499
Gln Leu Ser Arg Leu Ser Thr Lys Gly Val
1 5 10

<210> 9500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9500
Ser Gly Phe Phe Cys Ala Gln Leu Ser Arg
1 5 10

<210> 9501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9501
Cys Ala Gln Leu Ser Arg Leu Ser Thr Lys
1 5 10

<210> 9502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9502
Thr Thr Ser Gly Phe Phe Cys Ala Gln Leu
1 5 10

<210> 9503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9503
Ala Gln Leu Ser Arg Leu Ser Thr Lys Gly
1 5 10

<210> 9504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9504
Val Val Phe Ser Cys Asp Thr Gly Tyr
1 5

<210> 9505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9505
Val Val Phe Ser Cys Asp Thr Gly Tyr His
1 5 10

<210> 9506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9506
Lys Thr Lys Val Val Phe Ser Cys Asp Thr
1 5 10

<210> 9507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9507
Lys Val Val Phe Ser Cys Asp Thr Gly Tyr
1 5 10

<210> 9508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9508
Phe Ser Cys Asp Thr Gly Tyr His Gly Leu
1 5 10

<210> 9509
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9509
Asp Thr Gly Tyr His Gly Leu Gly Pro Ala
1 5 10

<210> 9510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9510
Ser Glu Ser Glu Asn Arg Cys Leu Ala
1 5

<210> 9511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9511
Ser Glu Asn Arg Cys Leu Ala Gly His
1 5

<210> 9512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9512
Val Thr Ala Glu Ala Gly Ser Gly Asn Ala
1 5 10

<210> 9513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9513
Ala Glu Ala Gly Ser Gly Asn Ala Gln Ala
1 5 10

<210> 9514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9514
Glu Glu Ala Ala Glu Glu Pro Ala Ala
1 5

<210> 9515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9515
Ala Glu Glu Pro Ala Ala Glu Glu Pro Thr
1 5 10

<210> 9516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9516
Val Ser Leu Gln Ser Glu Asn Ile Tyr
1 5

<210> 9517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9517

Asn Leu Gln Thr Gln Gln Val Ser Leu
1 5

<210> 9518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9518
His Ile Lys Asn Leu Gln Thr Gln Gln Val
1 5 10

<210> 9519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9519
Gln Val Ser Leu Gln Ser Glu Asn Ile Tyr
1 5 10

<210> 9520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9520
Lys Asn Leu Gln Thr Gln Gln Val Ser Leu
1 5 10

<210> 9521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9521
Gln Gln Val Ser Leu Gln Ser Glu Asn Ile
1 5 10

<210> 9522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9522
Val Ser Leu Gln Ser Glu Asn Ile Tyr Phe
1 5 10

<210> 9523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9523
Arg Ala Asn Cys Val Ile Gln Arg Arg
1 5

<210> 9524
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9524
Lys Pro Lys Arg Ala Asn Cys Val Ile
1 5

<210> 9525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9525
Lys Gln Arg Lys Pro Lys Arg Ala Asn Cys
1 5 10

<210> 9526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9526
Arg Ala Asn Cys Val Ile Gln Arg Arg Ala
1 5 10

<210> 9527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9527
Arg Ala Asn Cys Val Ile Gln Arg Arg
1 5

<210> 9528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9528
Lys Pro Lys Arg Ala Asn Cys Val Ile
1 5

<210> 9529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9529
Lys Gln Arg Lys Pro Lys Arg Ala Asn Cys
1 5 10

<210> 9530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9530
Arg Ala Asn Cys Val Ile Gln Arg Arg Ala
1 5 10

<210> 9531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9531
Ile Leu Gln Lys His Gly Lys Asn Val
1 5

<210> 9532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9532
Lys His Gly Lys Asn Val Pro Lys Tyr
1 5

<210> 9533
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9533
Lys Ile His Ile Leu Gln Lys His Gly Lys
1 5 10

<210> 9534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9534
Leu Gln Lys His Gly Lys Asn Val Pro Lys

1 5 10

<210> 9535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9535
Gln Lys His Gly Lys Asn Val Pro Lys Tyr
1 5 10

<210> 9536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9536
Lys Leu Val Val Phe Thr Ala Ser Met
1 5

<210> 9537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9537
Val Val Ser Gln Trp Tyr Lys Leu Val
1 5

<210> 9538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9538
Ser Gln Trp Tyr Lys Leu Val Val Phe
1 5

<210> 9539

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9539
Trp Tyr Lys Leu Val Val Phe Thr Ala
1 5

<210> 9540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9540
Glu Val Val Ser Gln Trp Tyr Lys Leu
1 5

<210> 9541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9541
Tyr Lys Leu Val Val Phe Thr Ala Ser
1 5

<210> 9542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9542
Phe Leu Glu Val Val Ser Gln Trp Tyr Lys
1 5 10

<210> 9543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9543
Val Ser Gln Trp Tyr Lys Leu Val Val Phe
1 5 10

<210> 9544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9544
Glu Val Val Ser Gln Trp Tyr Lys Leu Val
1 5 10

<210> 9545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9545
Tyr Lys Leu Val Val Phe Thr Ala Ser Met
1 5 10

<210> 9546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9546
Leu Glu Val Val Ser Gln Trp Tyr Lys Leu
1 5 10

<210> 9547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9547
Ser Gln Trp Tyr Lys Leu Val Val Phe Thr
1   5   10

<210> 9548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9548
Arg Met Lys Ala Pro Ala Lys Lys Asn Pro
1   5   10

<210> 9549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9549
Ile Met Arg Thr Tyr Thr Tyr Glu Ile
1   5

<210> 9550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9550
Tyr Thr Tyr Glu Ile Leu Leu Trp Thr
1   5

<210> 9551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9551
Ile Leu Leu Trp Thr Thr Ser Arg Val
1   5

<210> 9552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9552
Thr Tyr Thr Tyr Glu Ile Leu Leu Trp
1 5

<210> 9553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9553
Thr Tyr Glu Ile Leu Leu Trp Thr Thr
1 5

<210> 9554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9554
Arg Thr Tyr Thr Tyr Glu Ile Leu Leu
1 5

<210> 9555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9555
Glu Ile Leu Leu Trp Thr Thr Ser Arg
1 5

<210> 9556
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9556
Met Arg Thr Tyr Thr Tyr Glu Ile Leu
1 5

<210> 9557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9557
Tyr Glu Ile Leu Leu Trp Thr Thr Ser
1 5

<210> 9558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9558
Asn Ile Met Arg Thr Tyr Thr Tyr Glu Ile
1 5 10

<210> 9559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9559
Tyr Thr Tyr Glu Ile Leu Leu Trp Thr Thr
1 5 10

<210> 9560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9560
Ile Leu Leu Trp Thr Thr Ser Arg Val Leu
1 5 10

<210> 9561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9561
Ile Met Arg Thr Tyr Thr Tyr Glu Ile Leu
1 5 10

<210> 9562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9562
Arg Thr Tyr Thr Tyr Glu Ile Leu Leu Trp
1 5 10

<210> 9563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9563
Glu Ile Leu Leu Trp Thr Thr Ser Arg Val
1 5 10

<210> 9564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9564
Met Arg Thr Tyr Thr Tyr Glu Ile Leu Leu
1 5 10

<210> 9565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9565
Tyr Glu Ile Leu Leu Trp Thr Thr Ser Arg
1 5 10

<210> 9566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9566
Gln Gln Ser Tyr Leu Asp Ser Arg Ile
1 5

<210> 9567
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9567
Arg Ile His Ser Gly Ala Thr Thr Thr
1 5

<210> 9568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9568
Tyr Leu Asp Ser Arg Ile His Ser Gly Ala
1 5 10

<210> 9569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9569
Arg Ile His Ser Gly Ala Thr Thr Thr Ala
1 5 10

<210> 9570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9570
Gln Gln Gln Ser Tyr Leu Asp Ser Arg Ile
1 5 10

<210> 9571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9571
Gln Gln Ser Tyr Leu Asp Ser Arg Ile His
1 5 10

<210> 9572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9572
Gln Gln Gln Ser Tyr Leu Asp Ser Val
1 5

<210> 9573
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9573
Tyr Leu Asp Ser Val Ile His Ser Gly
1 5

<210> 9574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9574
Gln Gln Ser Tyr Leu Asp Ser Val Ile
1 5

<210> 9575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9575
Trp Gln Gln Gln Ser Tyr Leu Asp Ser Val
1 5 10

<210> 9576
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9576
Tyr Leu Asp Ser Val Ile His Ser Gly Ala
1 5 10

<210> 9577
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9577
Val Ile His Ser Gly Ala Thr Thr Thr Ala
1 5 10

<210> 9578
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9578
Gln Gln Gln Ser Tyr Leu Asp Ser Val Ile
1 5 10

<210> 9579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9579
Gln Gln Ser Tyr Leu Asp Ser Val Ile His
1 5 10

<210> 9580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9580
Tyr Leu Asp Ser Gly Ile Pro Ser Gly
1 5

<210> 9581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9581

Ile Pro Ser Gly Ala Thr Thr Thr Ala
1 5

<210> 9582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9582
Tyr Leu Asp Ser Gly Ile Pro Ser Gly Ala
1 5 10

<210> 9583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9583
Tyr Leu Asp Ser Gly Ile His Ala Gly
1 5

<210> 9584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9584
Ile His Ala Gly Ala Thr Thr Thr Ala
1 5

<210> 9585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9585
Tyr Leu Asp Ser Gly Ile His Ala Gly Ala
1 5 10

<210> 9586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9586
Gly Ile His Ala Gly Ala Thr Thr Thr Ala
1 5 10

<210> 9587
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9587
Ala Gly Ala Thr Thr Thr Ala Pro Ser Leu
1 5 10

<210> 9588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9588
Tyr Leu Asp Ser Gly Ile His Cys Gly Ala
1 5 10

<210> 9589
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9589
Gly Ile His Cys Gly Ala Thr Thr Thr Ala
1 5 10

<210> 9590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9590
Tyr Leu Asp Ser Gly Ile His Phe Gly
1 5

<210> 9591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9591
Ser Tyr Leu Asp Ser Gly Ile His Phe
1 5

<210> 9592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9592
Ile His Phe Gly Ala Thr Thr Thr Ala
1 5

<210> 9593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9593
Tyr Leu Asp Ser Gly Ile His Phe Gly Ala
1 5 10

<210> 9594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9594
Gly Ile His Phe Gly Ala Thr Thr Thr Ala
1 5 10

<210> 9595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9595
Gln Ser Tyr Leu Asp Ser Gly Ile His Phe
1 5 10

<210> 9596
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9596
Ile His Phe Gly Ala Thr Thr Thr Ala Pro
1 5 10

<210> 9597
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9597
Phe Gly Ala Thr Thr Thr Ala Pro Ser Leu
1 5 10

<210> 9598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9598
Val Gln Asn Cys Leu Trp Thr Leu Arg Lys

1 5 10

<210> 9599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9599
Ala Thr Ala Pro Ser Leu Ser Gly Lys
1 5

<210> 9600
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9600
Gly Ala Thr Ala Thr Ala Pro Ser Leu
1 5

<210> 9601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9601
Gly Ile His Ser Gly Ala Thr Ala Thr Ala
1 5 10

<210> 9602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9602
Thr Ala Thr Ala Pro Ser Leu Ser Gly Lys
1 5 10

<210> 9603

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9603
Ser Gly Ala Thr Ala Thr Ala Pro Ser Leu
1 5 10

<210> 9604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9604
Ile Thr Ala Pro Ser Leu Ser Gly Lys
1 5

<210> 9605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9605
Ser Gly Ile His Ser Gly Ala Thr Ile
1 5

<210> 9606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9606
Thr Ile Thr Ala Pro Ser Leu Ser Gly Lys
1 5 10

<210> 9607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9607
Ser Gly Ala Thr Ile Thr Ala Pro Ser Leu
1 5 10

<210> 9608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9608
Thr Thr Ala Pro Pro Leu Ser Gly Lys
1 5

<210> 9609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9609
Gly Ala Thr Thr Thr Ala Pro Pro Leu
1 5

<210> 9610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9610
Thr Thr Thr Ala Pro Pro Leu Ser Gly Lys
1 5 10

<210> 9611
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9611
Ser Gly Ala Thr Thr Thr Ala Pro Pro Leu
1 5 10

<210> 9612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9612
Tyr Leu Asn Ser Gly Ile His Ser Gly
1 5

<210> 9613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9613
Gln Gln Ser Tyr Leu Asn Ser Gly Ile
1 5

<210> 9614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9614
Trp Gln Gln Gln Ser Tyr Leu Asn Ser
1 5

<210> 9615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9615
Gln Gln Gln Ser Tyr Leu Asn Ser Gly
1 5

<210> 9616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9616
Tyr Leu Asn Ser Gly Ile His Ser Gly Ala
1 5 10

<210> 9617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9617
Gln Gln Gln Ser Tyr Leu Asn Ser Gly Ile
1 5 10

<210> 9618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9618
Trp Gln Gln Gln Ser Tyr Leu Asn Ser Gly
1 5 10

<210> 9619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9619
Gln Gln Ser Tyr Leu Asn Ser Gly Ile His
1 5 10

<210> 9620
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9620
Tyr Leu Tyr Ser Gly Ile His Ser Gly
1 5

<210> 9621
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9621
Gln Gln Ser Tyr Leu Tyr Ser Gly Ile
1 5

<210> 9622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9622
His Trp Gln Gln Gln Ser Tyr Leu Tyr
1 5

<210> 9623
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9623
Trp Gln Gln Gln Ser Tyr Leu Tyr Ser
1 5

<210> 9624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9624
Gln Gln Gln Ser Tyr Leu Tyr Ser Gly
1 5

<210> 9625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9625
Gln Ser Tyr Leu Tyr Ser Gly Ile His
1 5

<210> 9626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9626
Tyr Leu Tyr Ser Gly Ile His Ser Gly Ala
1 5 10

<210> 9627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9627
Gln Gln Gln Ser Tyr Leu Tyr Ser Gly Ile
1 5 10

<210> 9628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9628
Ser His Trp Gln Gln Gln Ser Tyr Leu Tyr
1 5 10

<210> 9629
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9629
Trp Gln Gln Gln Ser Tyr Leu Tyr Ser Gly
1 5 10

<210> 9630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9630
Gln Gln Ser Tyr Leu Tyr Ser Gly Ile His
1 5 10

<210> 9631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9631
Tyr Leu Gly Ser Gly Ile His Ser Gly
1 5

<210> 9632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9632
Trp Gln Gln Gln Ser Tyr Leu Gly Ser
1 5

<210> 9633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9633
Gln Gln Gln Ser Tyr Leu Gly Ser Gly
1 5

<210> 9634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9634
Gln Gln Ser Tyr Leu Gly Ser Gly Ile
1 5

<210> 9635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9635
Gln Ser Tyr Leu Gly Ser Gly Ile His
1 5

<210> 9636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9636
Tyr Leu Gly Ser Gly Ile His Ser Gly Ala
1 5 10

<210> 9637
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9637
Trp Gln Gln Gln Ser Tyr Leu Gly Ser Gly
1 5 10

<210> 9638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9638
Gln Gln Gln Ser Tyr Leu Gly Ser Gly Ile
1 5 10

<210> 9639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9639
Gln Gln Ser Tyr Leu Gly Ser Gly Ile His
1 5 10

<210> 9640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9640
Gln Gln Ser Tyr Leu Val Ser Gly Ile
1 5

<210> 9641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9641
Tyr Leu Val Ser Gly Ile His Ser Gly
1 5

<210> 9642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9642
Leu Val Ser Gly Ile His Ser Gly Ala
1 5

<210> 9643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9643
His Trp Gln Gln Gln Ser Tyr Leu Val
1 5

<210> 9644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9644
Trp Gln Gln Gln Ser Tyr Leu Val Ser
1 5

<210> 9645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9645

Gln Gln Gln Ser Tyr Leu Val Ser Gly
1 5

<210> 9646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9646
Gln Ser Tyr Leu Val Ser Gly Ile His
1 5

<210> 9647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9647
Tyr Leu Val Ser Gly Ile His Ser Gly Ala
1 5 10

<210> 9648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9648
Gln Gln Gln Ser Tyr Leu Val Ser Gly Ile
1 5 10

<210> 9649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9649
Ser His Trp Gln Gln Gln Ser Tyr Leu Val
1 5 10

<210> 9650
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9650
Trp Gln Gln Gln Ser Tyr Leu Val Ser Gly
1 5 10

<210> 9651
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9651
Gln Gln Ser Tyr Leu Val Ser Gly Ile His
1 5 10

<210> 9652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9652
Tyr Leu Asp Pro Gly Ile His Ser Gly
1 5

<210> 9653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9653
Trp Gln Gln Gln Ser Tyr Leu Asp Pro
1 5

<210> 9654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9654
Gln Gln Gln Ser Tyr Leu Asp Pro Gly
1 5

<210> 9655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9655
Gln Gln Ser Tyr Leu Asp Pro Gly Ile
1 5

<210> 9656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9656
Tyr Leu Asp Pro Gly Ile His Ser Gly Ala
1 5 10

<210> 9657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9657
Trp Gln Gln Gln Ser Tyr Leu Asp Pro Gly
1 5 10

<210> 9658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9658
Gln Gln Gln Ser Tyr Leu Asp Pro Gly Ile
1 5 10

<210> 9659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9659
Gln Gln Ser Tyr Leu Asp Pro Gly Ile His
1 5 10

<210> 9660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9660
Tyr Leu Asp Tyr Gly Ile His Ser Gly
1 5

<210> 9661
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9661
Trp Gln Gln Gln Ser Tyr Leu Asp Tyr
1 5

<210> 9662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9662
Gln Gln Ser Tyr Leu Asp Tyr Gly Ile

1 5

<210> 9663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9663
Tyr Leu Asp Tyr Gly Ile His Ser Gly Ala
1 5 10

<210> 9664
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9664
His Trp Gln Gln Gln Ser Tyr Leu Asp Tyr
1 5 10

<210> 9665
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9665
Gln Gln Gln Ser Tyr Leu Asp Tyr Gly Ile
1 5 10

<210> 9666
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9666
Gln Gln Ser Tyr Leu Asp Tyr Gly Ile His
1 5 10

<210> 9667

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9667
Tyr Leu Asp Cys Gly Ile His Ser Gly
1 5

<210> 9668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9668
Trp Gln Gln Gln Ser Tyr Leu Asp Cys
1 5

<210> 9669
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9669
Gln Gln Ser Tyr Leu Asp Cys Gly Ile
1 5

<210> 9670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9670
Tyr Leu Asp Cys Gly Ile His Ser Gly Ala
1 5 10

<210> 9671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9671
Gln Gln Gln Ser Tyr Leu Asp Cys Gly Ile
1 5 10

<210> 9672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9672
Gln Gln Ser Tyr Leu Asp Cys Gly Ile His
1 5 10

<210> 9673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9673
Tyr Leu Asp Phe Gly Ile His Ser Gly
1 5

<210> 9674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9674
Trp Gln Gln Gln Ser Tyr Leu Asp Phe
1 5

<210> 9675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9675
Gln Gln Ser Tyr Leu Asp Phe Gly Ile
1 5

<210> 9676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9676
Gln Ser Tyr Leu Asp Phe Gly Ile His
1 5

<210> 9677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9677
Tyr Leu Asp Phe Gly Ile His Ser Gly Ala
1 5 10

<210> 9678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9678
His Trp Gln Gln Gln Ser Tyr Leu Asp Phe
1 5 10

<210> 9679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9679
Gln Gln Gln Ser Tyr Leu Asp Phe Gly Ile
1 5 10

<210> 9680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9680
Gln Gln Ser Tyr Leu Asp Phe Gly Ile His
1 5 10

<210> 9681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9681
Lys Ile Ala Ile Lys Thr Val Met Val
1 5

<210> 9682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9682
Lys Leu Leu Pro Glu Pro Cys Gly Ile
1 5

<210> 9683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9683
Ala Ile Lys Thr Val Met Val Cys Leu
1 5

<210> 9684
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9684
Leu Val Ile Trp Thr Leu Leu Lys Leu
1 5

<210> 9685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9685
Arg Leu Val Ile Trp Thr Leu Leu Lys
1 5

<210> 9686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9686
Lys Thr Val Met Val Cys Leu Pro Leu
1 5

<210> 9687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9687
Ile Phe His Pro Met Thr Gln Ser Lys
1 5

<210> 9688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9688
Gln Ser Lys Trp Arg Leu Trp Thr Met
1 5

<210> 9689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9689
Lys Trp Arg Leu Trp Thr Met His Cys
1 5

<210> 9690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9690
Glu Pro Cys Gly Ile Phe His Pro Met
1 5

<210> 9691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9691
Asn Lys Ile Ala Ile Lys Thr Val Met
1 5

<210> 9692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9692
Phe Glu Arg Leu Val Ile Trp Thr Leu
1 5

<210> 9693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9693
Leu Leu Pro Glu Pro Cys Gly Ile Phe
1 5

<210> 9694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9694
Ser Lys Trp Arg Leu Trp Thr Met His
1 5

<210> 9695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9695
Trp Arg Leu Trp Thr Met His Cys Met
1 5

<210> 9696
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9696
Leu Pro Glu Pro Cys Gly Ile Phe His
1 5

<210> 9697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9697
Arg Leu Val Ile Trp Thr Leu Leu Lys Leu
1 5 10

<210> 9698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9698
Leu Val Ile Trp Thr Leu Leu Lys Leu Leu
1 5 10

<210> 9699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9699
Gly Ile Phe His Pro Met Thr Gln Ser Lys
1 5 10

<210> 9700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9700
Cys Phe Glu Arg Leu Val Ile Trp Thr Leu
1 5 10

<210> 9701
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9701
Lys Leu Leu Pro Glu Pro Cys Gly Ile Phe
1 5 10

<210> 9702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9702
Ile Phe His Pro Met Thr Gln Ser Lys Trp
1 5 10

<210> 9703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9703
Lys Trp Arg Leu Trp Thr Met His Cys Met
1 5 10

<210> 9704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9704
His Pro Met Thr Gln Ser Lys Trp Arg Leu
1 5 10

<210> 9705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9705
Thr Gln Ser Lys Trp Arg Leu Trp Thr Met
1 5 10

<210> 9706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9706
Ile Ala Ile Lys Thr Val Met Val Cys Leu
1 5 10

<210> 9707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9707
Ile Lys Thr Val Met Val Cys Leu Pro Leu
1 5 10

<210> 9708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9708
Phe Glu Arg Leu Val Ile Trp Thr Leu Leu
1 5 10

<210> 9709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9709

Leu Pro Leu Cys Asp Cys Phe Glu Arg Leu
1 5 10

<210> 9710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9710
Pro Glu Pro Cys Gly Ile Phe His Pro Met
1 5 10

<210> 9711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9711
Phe Leu Ser Ile Lys Lys Arg Ala Ala
1 5

<210> 9712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9712
Lys Trp Phe Ala Phe Leu Ser Ile Lys
1 5

<210> 9713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9713
Trp Phe Ala Phe Leu Ser Ile Lys Lys
1 5

<210> 9714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9714
Leu Ser Ile Lys Lys Arg Ala Ala Arg
1 5

<210> 9715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9715
Phe Ala Phe Leu Ser Ile Lys Lys Arg
1 5

<210> 9716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9716
Tyr Lys Trp Phe Ala Phe Leu Ser Ile
1 5

<210> 9717
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9717
Asn Asp Tyr Lys Trp Phe Ala Phe Leu
1 5

<210> 9718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9718
Lys Trp Phe Ala Phe Leu Ser Ile Lys Lys
1 5 10

<210> 9719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9719
Asp Tyr Lys Trp Phe Ala Phe Leu Ser Ile
1 5 10

<210> 9720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9720
Trp Phe Ala Phe Leu Ser Ile Lys Lys Arg
1 5 10

<210> 9721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9721
Phe Leu Ser Ile Lys Lys Arg Ala Ala Arg
1 5 10

<210> 9722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9722
Gly Leu Leu Gln Pro Val Gly Pro Leu
1 5

<210> 9723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9723
His Leu Arg Glu Glu Trp Tyr Leu Val
1 5

<210> 9724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9724
His Ser Arg Leu Arg His Gly Leu Leu
1 5

<210> 9725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9725
Arg Leu Arg His Gly Leu Leu Gln Pro
1 5

<210> 9726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9726
Gln Gln Arg Gln Val Gln His Leu Arg

1 5

<210> 9727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9727
Val Gln His Leu Arg Glu Glu Trp Tyr
1 5

<210> 9728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9728
Gln Pro Val Gly Pro Leu His Pro Leu
1 5

<210> 9729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9729
Ile Gly Ile Gly Thr Pro Pro Pro Val
1 5

<210> 9730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9730
Leu Arg His Gly Leu Leu Gln Pro Val
1 5

<210> 9731

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9731
Leu Gln Thr Ala Gly His Arg Leu Leu
1 5

<210> 9732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9732
Val Gln Gln Arg Gln Val Gln His Leu
1 5

<210> 9733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9733
Arg Gln Val Gln His Leu Arg Glu Glu
1 5

<210> 9734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9734
Arg Leu Arg His Gly Leu Leu Gln Pro Val
1 5 10

<210> 9735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9735
Val Leu His Ser Arg Leu Arg His Gly Leu
1 5 10

<210> 9736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9736
His Ser Arg Leu Arg His Gly Leu Leu Gln
1 5 10

<210> 9737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9737
Gln Val Gln His Leu Arg Glu Glu Trp Tyr
1 5 10

<210> 9738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9738
Glu Ile Gly Ile Gly Thr Pro Pro Pro Val
1 5 10

<210> 9739
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9739
Thr Pro Pro Pro Val Leu His Ser Arg Leu
1 5 10

<210> 9740
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9740
His Pro Leu Gln Thr Ala Gly His Arg Leu
1 5 10

<210> 9741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9741
Ile Gly Ile Gly Thr Pro Pro Pro Val Leu
1 5 10

<210> 9742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9742
Leu Gln Pro Val Gly Pro Leu His Pro Leu
1 5 10

<210> 9743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9743
Arg Gln Val Gln His Leu Arg Glu Glu Trp
1 5 10

<210> 9744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9744
Val Gln His Leu Arg Glu Glu Trp Tyr Leu
1 5 10

<210> 9745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9745
Gly Glu Ile Gly Ile Gly Thr Pro Pro Pro
1 5 10

<210> 9746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9746
Leu Gln Ala Pro Pro Met His Ser Leu
1 5

<210> 9747
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9747
Pro Gln Asn Leu Gln Ala Pro Pro Met
1 5

<210> 9748
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9748
Asn Leu Gln Ala Pro Pro Met His Ser Leu
1 5 10

<210> 9749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9749
Gln Thr Pro Gly Ile Ala Pro Gln Asn Leu
1 5 10

<210> 9750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9750
Ala Pro Gln Asn Leu Gln Ala Pro Pro Met
1 5 10

<210> 9751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9751
Leu Gln Ala Pro Pro Met His Ser Leu His
1 5 10

<210> 9752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9752
Cys Gly Lys Asn Lys Gln Val Val Leu
1 5

<210> 9753
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9753
Lys Leu Ala Ala Arg Leu Glu Glu Glu Cys
1 5 10

<210> 9754
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9754
Ala Ala Arg Leu Glu Glu Glu Cys Gly Lys
1 5 10

<210> 9755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9755
Ile Leu Thr Cys Pro Tyr Gly Ser Ile
1 5

<210> 9756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9756
Leu Thr Cys Pro Tyr Gly Ser Ile Lys
1 5

<210> 9757
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9757
Cys Gly Gly Ile Leu Thr Cys Pro Tyr
1 5

<210> 9758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9758
Ile Leu Thr Cys Pro Tyr Gly Ser Ile Lys
1 5 10

<210> 9759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9759
Thr Met Arg Ser Pro His Trp Pro Gln
1 5

<210> 9760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9760
Ile Phe His Ser Asp Asn Gly Thr Met
1 5

<210> 9761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9761
Thr Met Arg Ser Pro His Trp Pro Gln Asn
1 5 10

<210> 9762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9762
Ile Phe His Ser Asp Asn Gly Thr Met Arg
1 5 10

<210> 9763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9763
Gly Ile Phe His Ser Asp Asn Gly Thr Met
1 5 10

<210> 9764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9764
Met Arg Ser Pro His Trp Pro Gln Asn Phe
1 5 10

<210> 9765
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9765
Lys Ala Ser Met Ile Ser Lys Leu Lys
1 5

<210> 9766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9766
Asp Ala Lys Ala Ser Met Ile Ser Lys
1 5

<210> 9767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9767
Ala Lys Ala Ser Met Ile Ser Lys Leu
1 5

<210> 9768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9768
Ser Ala Ser Asp Asp Ala Lys Ala Ser Met
1 5 10

<210> 9769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9769
Ala Ser Gly Asn Thr Tyr Ala Phe Tyr
1 5

<210> 9770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9770
Phe Ala Ser Gly Asn Thr Tyr Ala Phe
1 5

<210> 9771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9771
Tyr Ala Phe Tyr Val Arg Asp Thr Leu
1 5

<210> 9772
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9772
Phe Ala Ser Gly Asn Thr Tyr Ala Phe Tyr
1 5 10

<210> 9773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9773

Glu Phe Ala Ser Gly Asn Thr Tyr Ala Phe
1 5 10

<210> 9774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9774
Thr Tyr Ala Phe Tyr Val Arg Asp Thr Leu
1 5 10

<210> 9775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9775
Ser Gly Asn Thr Tyr Ala Phe Tyr Val Arg
1 5 10

<210> 9776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9776
Cys Leu Pro Thr Glu Phe Cys Glu Ala
1 5

<210> 9777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9777
Leu Pro Thr Glu Phe Cys Glu Ala Leu
1 5

<210> 9778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9778
Glu Ala Leu Asp Arg Phe Ser Ser Phe
1 5

<210> 9779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9779
Cys Glu Ala Leu Asp Arg Phe Ser Ser
1 5

<210> 9780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9780
Cys Leu Pro Thr Glu Phe Cys Glu Ala Leu
1 5 10

<210> 9781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9781
Glu Ala Leu Asp Arg Phe Ser Ser Phe Tyr
1 5 10

<210> 9782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9782
Thr Glu Phe Cys Glu Ala Leu Asp Arg Phe
1 5 10

<210> 9783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9783
Cys Glu Ala Leu Asp Arg Phe Ser Ser Phe
1 5 10

<210> 9784
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9784
Leu Pro Ala Pro Pro Ser Phe Ser Val
1 5

<210> 9785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9785
Ala Pro Gln Pro Gly Gly Ala Gly Phe
1 5

<210> 9786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9786
Gly Ser Leu Pro Ala Pro Pro Ser Phe
1 5

<210> 9787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9787
Gln Pro Gly Gly Ala Gly Phe Gln Tyr
1 5

<210> 9788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9788
Ser Leu Pro Ala Pro Pro Ser Phe Ser Val
1 5 10

<210> 9789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9789
Phe Ser Val Ala Pro Gln Pro Gly Gly Ala
1 5 10

<210> 9790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9790
Leu Pro Ala Pro Pro Ser Phe Ser Val Ala

1 5 10

<210> 9791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9791
Arg Leu Asn Ile Leu Glu Arg His Ala Lys
1 5 10

<210> 9792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9792
Lys Ser Gln Arg Ser Arg Gln Asn Lys
1 5

<210> 9793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9793
Ser Thr Glu Ser Gln Ser Ser Ser Phe
1 5

<210> 9794
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9794
Ser Gln Ser Ser Ser Phe His Ser Ser
1 5

<210> 9795

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9795
Val Ser Thr Glu Ser Gln Ser Ser Ser Phe
1 5 10

<210> 9796
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9796
His His His Gln Gln Gln Gln Gln Ile
1 5

<210> 9797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9797
Arg Gln Arg Arg Ser Arg Ser Gly Ile
1 5

<210> 9798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9798
Gln Arg Arg Ser Arg Ser Gly Ile Lys
1 5

<210> 9799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9799
Arg Ser Arg Ser Gly Ile Lys Gly Leu
1 5

<210> 9800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9800
Arg Ser Arg Ser Gly Ile Lys Gly Leu Lys
1 5 10

<210> 9801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9801
Arg Gln Arg Arg Ser Arg Ser Gly Ile Lys
1 5 10

<210> 9802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9802
Gly Ile Lys Gly Leu Lys Thr Thr Arg Lys
1 5 10

<210> 9803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9803
Arg Arg Ser Arg Ser Gly Ile Lys Gly Leu
1 5 10

<210> 9804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9804
Leu Pro Val Asp Asn His Glu Lys Met
1 5

<210> 9805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9805
His Glu Lys Met Val Ile Gln Leu His
1 5

<210> 9806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9806
His Glu Lys Met Val Ile Gln Leu His Leu
1 5 10

<210> 9807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9807
Leu Pro Val Asp Asn His Glu Lys Met Val
1 5 10

<210> 9808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9808
Arg Tyr Asn Pro Gln Gly Trp Leu Asp Ile
1 5 10

<210> 9809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9809
Ile Gly Arg Met His Arg Leu Glu Leu
1 5

<210> 9810
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9810
Met His Arg Leu Glu Leu Phe Pro Lys
1 5

<210> 9811
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9811
Glu Leu Phe Pro Lys Pro Asn Glu Phe
1 5

<210> 9812
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9812
Gly Arg Met His Arg Leu Glu Leu Phe
1 5

<210> 9813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9813
Arg Met His Arg Leu Glu Leu Phe Pro Lys
1 5 10

<210> 9814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9814
Leu Phe Pro Lys Pro Asn Glu Phe Thr Leu
1 5 10

<210> 9815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9815
Asn Ile Gly Arg Met His Arg Leu Glu Leu
1 5 10

<210> 9816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9816
Ile Gly Arg Met His Arg Leu Glu Leu Phe
1 5 10

<210> 9817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9817
Leu Glu Leu Phe Pro Lys Pro Asn Glu Phe
1 5 10

<210> 9818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9818
His Ile Met Lys His Asn His Tyr Ile
1 5

<210> 9819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9819
Tyr Ile Ser Arg Phe Gly Ser Lys Leu
1 5

<210> 9820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9820
His Tyr Ile Ser Arg Phe Gly Ser Lys
1 5

<210> 9821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9821
Ile Ser Arg Phe Gly Ser Lys Leu Gly
1 5

<210> 9822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9822
Lys His Asn His Tyr Ile Ser Arg Phe
1 5

<210> 9823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9823
His Tyr Ile Ser Arg Phe Gly Ser Lys Leu
1 5 10

<210> 9824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9824
Ile Met Lys His Asn His Tyr Ile Ser Arg
1 5 10

<210> 9825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9825
Asn His Tyr Ile Ser Arg Phe Gly Ser Lys
1 5 10

<210> 9826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9826
Ile Ser Arg Phe Gly Ser Lys Leu Gly Leu
1 5 10

<210> 9827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9827
Met Lys His Asn His Tyr Ile Ser Arg Phe
1 5 10

<210> 9828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9828
Phe His Ile Met Lys His Asn His Tyr Ile
1 5 10

<210> 9829
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9829
Leu Leu Gln Gln Leu Glu Phe Ser Met
1 5

<210> 9830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9830
Phe Ser Met Pro Pro Gly Val Lys Val
1 5

<210> 9831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9831
Met Pro Pro Gly Val Lys Val Asp Leu
1 5

<210> 9832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9832
Gln Gln Leu Glu Phe Ser Met Pro Pro
1 5

<210> 9833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9833
Leu Glu Phe Ser Met Pro Pro Gly Val
1 5

<210> 9834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9834
Ile Leu Leu Gln Gln Leu Glu Phe Ser Met
1 5 10

<210> 9835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9835
Gln Leu Glu Phe Ser Met Pro Pro Gly Val
1 5 10

<210> 9836
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9836
Ser Met Pro Pro Gly Val Lys Val Asp Leu
1 5 10

<210> 9837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9837

Leu Gln Gln Leu Glu Phe Ser Met Pro Pro
1 5 10

<210> 9838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9838
Gln Gln Leu Glu Phe Ser Met Pro Pro Gly
1 5 10

<210> 9839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9839
Ala Ser Ala Gln Leu Leu Glu Gln Val
1 5

<210> 9840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9840
His Val Asn Leu Ala Ser Ala Gln Leu
1 5

<210> 9841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9841
Val Asn Leu Ala Ser Ala Gln Leu Leu
1 5

<210> 9842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9842
Ser Ala Gln Leu Leu Glu Gln Val Met
1 5

<210> 9843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9843
Leu Ala Ser Ala Gln Leu Leu Glu Gln Val
1 5 10

<210> 9844
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9844
His Val Asn Leu Ala Ser Ala Gln Leu Leu
1 5 10

<210> 9845
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9845
Met His Val Asn Leu Ala Ser Ala Gln Leu
1 5 10

<210> 9846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9846
Ala Ser Ala Gln Leu Leu Glu Gln Val Met
1 5 10

<210> 9847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9847
Ile Ala Arg Glu Glu Leu Phe Leu Phe
1 5

<210> 9848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9848
Ala Arg Glu Glu Leu Phe Leu Phe Phe
1 5

<210> 9849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9849
Glu Glu Leu Phe Leu Phe Phe Thr Thr
1 5

<210> 9850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9850
Gly Glu Gly Ile Ala Arg Glu Glu Leu
1 5

<210> 9851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9851
Arg Glu Glu Leu Phe Leu Phe Phe Thr
1 5

<210> 9852
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9852
Gly Ile Ala Arg Glu Glu Leu Phe Leu Phe
1 5 10

<210> 9853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9853
Ile Ala Arg Glu Glu Leu Phe Leu Phe Phe
1 5 10

<210> 9854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9854
Glu Glu Leu Phe Leu Phe Phe Thr Thr Ile

1 5 10

<210> 9855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9855
Gly Glu Gly Ile Ala Arg Glu Glu Leu Phe
1 5 10

<210> 9856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9856
Arg Glu Glu Leu Phe Leu Phe Phe Thr Thr
1 5 10

<210> 9857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9857
Met Gly Asp Gln Ala Arg Met Pro Tyr
1 5

<210> 9858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9858
Arg Met Pro Tyr Thr Thr Ala Val Ile
1 5

<210> 9859

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9859
Gln Ala Arg Met Pro Tyr Thr Thr Ala
1 5

<210> 9860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9860
Ala Arg Met Pro Tyr Thr Thr Ala Val
1 5

<210> 9861
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9861
Gln Ala Arg Met Pro Tyr Thr Thr Ala Val
1 5 10

<210> 9862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9862
Glu Met Gly Asp Gln Ala Arg Met Pro Tyr
1 5 10

<210> 9863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9863
Arg Pro Glu Met Gly Asp Gln Ala Arg Met
1 5 10

<210> 9864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9864
Ala Arg Met Pro Tyr Thr Thr Ala Val Ile
1 5 10

<210> 9865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9865
Arg Met Pro Tyr Thr Thr Ala Val Ile His
1 5 10

<210> 9866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9866
Leu Gly Gln Asp Ser Pro Leu Glu Phe
1 5

<210> 9867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9867
Gly Gln Asp Ser Pro Leu Glu Phe Phe
1 5

<210> 9868
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9868
Leu Glu Phe Phe Gln His Val Ser Leu
1 5

<210> 9869
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9869
Glu Phe Phe Gln His Val Ser Leu Met
1 5

<210> 9870
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9870
Ser Pro Leu Glu Phe Phe Gln His Val
1 5

<210> 9871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9871
Phe Phe Gln His Val Ser Leu Met Thr Leu
1 5 10

<210> 9872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9872
Asp Ser Pro Leu Glu Phe Phe Gln His Val
1 5 10

<210> 9873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9873
Leu Leu Gly Gln Asp Ser Pro Leu Glu Phe
1 5 10

<210> 9874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9874
Leu Glu Phe Phe Gln His Val Ser Leu Met
1 5 10

<210> 9875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9875
Leu Gly Gln Asp Ser Pro Leu Glu Phe Phe
1 5 10

<210> 9876
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9876
Ser Leu Arg Phe Ser Thr Asp Asn Ala
1 5

<210> 9877
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9877
Arg Phe Ser Thr Asp Asn Ala Ser Lys
1 5

<210> 9878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9878
Thr Asp Asn Ala Ser Lys Arg His Pro Phe
1 5 10

<210> 9879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9879
Gln Thr Lys Gly Ser Gly Phe Pro Ile
1 5

<210> 9880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9880
Arg Leu Leu Gln Ser Thr Gly Gln Thr Lys
1 5 10

<210> 9881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9881
Gly Gln Thr Lys Gly Ser Gly Phe Pro Ile
1 5 10

<210> 9882
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9882
Thr Lys Gly Ser Gly Phe Pro Ile His Leu
1 5 10

<210> 9883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9883
Cys Phe Ser Cys Arg Ser Ala Ala Lys
1 5

<210> 9884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9884
Phe Ser Cys Arg Ser Ala Ala Lys Arg
1 5

<210> 9885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9885
Arg Ser Ala Ala Lys Arg Asp Lys Trp
1 5

<210> 9886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9886
Lys Cys Phe Ser Cys Arg Ser Ala Ala Lys
1 5 10

<210> 9887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9887
Ser Cys Arg Ser Ala Ala Lys Arg Asp Lys
1 5 10

<210> 9888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9888
Cys Phe Ser Cys Arg Ser Ala Ala Lys Arg
1 5 10

<210> 9889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9889
Ala Lys Arg Asp Lys Trp Met Glu Asn Leu
1 5 10

<210> 9890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9890
Phe Glu Ser Lys Cys Arg Glu Gln Val
1 5

<210> 9891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9891
Glu Ala Leu Glu Phe Glu Ser Lys Cys Arg
1 5 10

<210> 9892
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9892
Lys Leu Arg Glu Gln Val Glu Gln Ala
1 5

<210> 9893
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9893
Glu Ala Leu Glu Phe Glu Ser Lys Leu
1 5

<210> 9894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9894
Phe Glu Ser Lys Leu Arg Glu Gln Val
1 5

<210> 9895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9895
Lys Leu Arg Glu Gln Val Glu Gln Ala Leu
1 5 10

<210> 9896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9896
Glu Ala Leu Glu Phe Glu Ser Lys Leu Arg
1 5 10

<210> 9897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9897
Gln Glu Ala Leu Glu Phe Glu Ser Lys Leu
1 5 10

<210> 9898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9898
Asn Leu Asp Ser Val Ser Ser Ile Leu
1 5

<210> 9899
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9899
Ile Leu Leu Gln Ser Thr Glu Ser Lys
1 5

<210> 9900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9900
Asn Leu Asp Ser Val Ser Ser Ile Leu Leu
1 5 10

<210> 9901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9901

Ile Leu Leu Gln Ser Thr Glu Ser Lys Leu
1 5 10

<210> 9902
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9902
Ser Ile Leu Leu Gln Ser Thr Glu Ser Lys
1 5 10

<210> 9903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9903
Tyr Asp Asn Leu Asp Ser Val Ser Ser Ile
1 5 10

<210> 9904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9904
Lys Ser Phe Pro Glu Ile Tyr Phe Leu
1 5

<210> 9905
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9905
Ser Phe Pro Glu Ile Tyr Phe Leu Gly
1 5

<210> 9906
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9906
Gln Phe Lys Ser Phe Pro Glu Ile Tyr
1 5

<210> 9907
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9907
Phe Lys Ser Phe Pro Glu Ile Tyr Phe
1 5

<210> 9908
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9908
Gln Phe Lys Ser Phe Pro Glu Ile Tyr Phe
1 5 10

<210> 9909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9909
His Gln Phe Lys Ser Phe Pro Glu Ile Tyr
1 5 10

<210> 9910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9910
Phe Lys Ser Phe Pro Glu Ile Tyr Phe Leu
1 5 10

<210> 9911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9911
Pro Val Tyr Ala His Ile His Pro Arg
1 5

<210> 9912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9912
His Ile His Pro Arg Asp Val Glu Ala
1 5

<210> 9913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9913
His Ile His Pro Arg Asp Val Glu Ala Ile
1 5 10

<210> 9914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9914
Val Tyr Ala His Ile His Pro Arg Asp Val
1 5 10

<210> 9915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9915
Leu Pro Val Tyr Ala His Ile His Pro Arg
1 5 10

<210> 9916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9916
Leu Val Ser Ser Arg Phe Val His Leu
1 5

<210> 9917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9917
Ser Ser Arg Phe Val His Leu Ser Trp
1 5

<210> 9918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9918
Val Leu Val Ser Ser Arg Phe Val His

1 5

<210> 9919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9919
Val His Leu Ser Trp Arg Pro Pro Ala
1 5

<210> 9920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9920
Val Leu Val Ser Ser Arg Phe Val His Leu
1 5 10

<210> 9921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9921
Phe Val His Leu Ser Trp Arg Pro Pro Ala
1 5 10

<210> 9922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9922
His Leu Ser Trp Arg Pro Pro Ala Glu Ala
1 5 10

<210> 9923

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9923
Ser Ser Arg Phe Val His Leu Ser Trp Arg
1 5 10

<210> 9924
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9924
Val Ser Ser Arg Phe Val His Leu Ser Trp
1 5 10

<210> 9925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9925
Ser Pro Pro Arg Arg Ala Arg Pro Cys
1 5

<210> 9926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9926
Lys Leu Phe His Ser Glu Tyr Pro Tyr
1 5

<210> 9927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9927
Leu Phe His Ser Glu Tyr Pro Tyr Lys
1 5

<210> 9928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9928
Asn Phe His Val Glu Thr Lys Leu Phe
1 5

<210> 9929
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9929
Glu Thr Lys Leu Phe His Ser Glu Tyr
1 5

<210> 9930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9930
Lys Leu Phe His Ser Glu Tyr Pro Tyr Lys
1 5 10

<210> 9931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9931
Asn Asn Phe His Val Glu Thr Lys Leu Phe
1   5   10

<210> 9932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9932
Val Glu Thr Lys Leu Phe His Ser Glu Tyr
1   5   10

<210> 9933
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9933
Thr Lys Leu Phe His Ser Glu Tyr Pro Tyr
1   5   10

<210> 9934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9934
Tyr Leu Lys Leu Gly Asp Phe Gly Leu
1   5

<210> 9935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 9935
Cys Glu Tyr Pro Asp Gly Thr Lys Tyr
1   5

<210> 9936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9936
Thr Lys Tyr Leu Lys Leu Gly Asp Phe
1 5

<210> 9937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9937
Tyr Leu Lys Leu Gly Asp Phe Gly Leu Ala
1 5 10

<210> 9938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9938
Lys Tyr Leu Lys Leu Gly Asp Phe Gly Leu
1 5 10

<210> 9939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9939
Tyr Pro Asp Gly Thr Lys Tyr Leu Lys Leu
1 5 10

<210> 9940
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9940
Cys Glu Tyr Pro Asp Gly Thr Lys Tyr Leu
1 5 10

<210> 9941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9941
Arg Leu Phe Ile Leu Ser His Met His
1 5

<210> 9942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9942
Arg Ala Gly Thr Ala Arg Leu Phe Ile
1 5

<210> 9943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9943
Ala Arg Leu Phe Ile Leu Ser His Met
1 5

<210> 9944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9944
Ile Leu Ser His Met His Ser Asp His Thr
1 5 10

<210> 9945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9945
Gly Thr Ala Arg Leu Phe Ile Leu Ser His
1 5 10

<210> 9946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9946
Arg Ala Gly Thr Ala Arg Leu Phe Ile Leu
1 5 10

<210> 9947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9947
Thr Ala Arg Leu Phe Ile Leu Ser His Met
1 5 10

<210> 9948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9948
Arg Arg Ala Gly Thr Ala Arg Leu Phe Ile
1 5 10

<210> 9949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9949
Arg Leu Gln Lys Gly Tyr Thr Pro Leu
1 5

<210> 9950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9950
Phe Leu Gln Tyr Arg Arg Leu Gln Lys
1 5

<210> 9951
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9951
Leu Gln Lys Gly Tyr Thr Pro Leu Met
1 5

<210> 9952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9952
Gln Tyr Arg Arg Leu Gln Lys Gly Tyr
1 5

<210> 9953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9953
Leu Gln Tyr Arg Arg Leu Gln Lys Gly
1 5

<210> 9954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9954
Arg Leu Gln Lys Gly Tyr Thr Pro Leu Met
1 5 10

<210> 9955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9955
Ala Phe Leu Gln Tyr Arg Arg Leu Gln Lys
1 5 10

<210> 9956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9956
Leu Gln Tyr Arg Arg Leu Gln Lys Gly Tyr
1 5 10

<210> 9957
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9957
Arg Arg Leu Gln Lys Gly Tyr Thr Pro Leu
1 5 10

<210> 9958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9958
Leu Leu Leu Gly Lys Ile Trp Pro Pro
1 5

<210> 9959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9959
Leu Leu Gly Lys Ile Trp Pro Pro Phe
1 5

<210> 9960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9960
Lys Ile Trp Pro Pro Phe Pro Val Phe
1 5

<210> 9961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9961
Pro Phe Pro Val Phe His Gln Phe Leu
1 5

<210> 9962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9962
Gly Lys Ile Trp Pro Pro Phe Pro Val
1 5

<210> 9963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9963
Pro Pro Phe Pro Val Phe His Gln Phe
1 5

<210> 9964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9964
Leu Leu Leu Gly Lys Ile Trp Pro Pro Phe
1 5 10

<210> 9965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9965

Leu Gly Lys Ile Trp Pro Pro Phe Pro Val
1 5 10

<210> 9966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9966
Lys Ile Trp Pro Pro Phe Pro Val Phe His
1 5 10

<210> 9967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9967
Gly Lys Ile Trp Pro Pro Phe Pro Val Phe
1 5 10

<210> 9968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9968
Trp Pro Pro Phe Pro Val Phe His Gln Phe
1 5 10

<210> 9969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9969
Ser Leu Ser Cys Ala Leu Pro Ser Val
1 5

<210> 9970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9970
Val Leu Ala Arg Trp Asn Leu Pro Met
1 5

<210> 9971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9971
Ile Leu Pro Ser Trp Asn Ser Ala Val
1 5

<210> 9972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9972
Cys Gly Phe Pro Cys Leu Ser Pro Lys
1 5

<210> 9973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9973
Cys Ala Leu Pro Ser Val Leu Ala Arg
1 5

<210> 9974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9974
Cys Ser Gly Pro Gly Asn Thr Ser Lys
1 5

<210> 9975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9975
Ala Ser Cys Arg Asn Gln Lys Leu Lys
1 5

<210> 9976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9976
Ala Leu Pro Ser Val Leu Ala Arg Trp
1 5

<210> 9977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9977
Ser Trp Asn Ser Ala Val Cys Gly Phe
1 5

<210> 9978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 9978
Ser Ala Lys Lys Ser Thr Trp Phe His
1 5

<210> 9979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9979
Gly Ser Arg Ser Glu Ala Ser Cys Arg
1 5

<210> 9980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9980
Ile Asn Ser Ala Lys Lys Ser Thr Trp
1 5

<210> 9981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9981
Ala Lys Lys Ser Thr Trp Phe His Val
1 5

<210> 9982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9982
Lys Lys Ser Thr Trp Phe His Val Thr

1 5

<210> 9983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9983
Phe His Val Thr Ser Gly Thr Ser Leu
1 5

<210> 9984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9984
Ser Gly Thr Ser Leu Ser Cys Ala Leu
1 5

<210> 9985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9985
Leu Ser Cys Ala Leu Pro Ser Val Leu
1 5

<210> 9986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9986
Leu Lys Arg Asp Ile Ser Glu Asn Trp
1 5

<210> 9987

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9987
Lys Gln Ile Asn Ile Ile Leu Pro Ser
1 5

<210> 9988
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9988
Ser Ala Val Cys Gly Phe Pro Cys Leu
1 5

<210> 9989
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9989
Leu Pro Ser Trp Asn Ser Ala Val Cys
1 5

<210> 9990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9990
Ser Leu Ser Cys Ala Leu Pro Ser Val Leu
1 5 10

<210> 9991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9991
Val Leu Ala Arg Trp Asn Leu Pro Met Cys
1 5 10

<210> 9992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9992
Ile Ile Leu Pro Ser Trp Asn Ser Ala Val
1 5 10

<210> 9993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9993
Ile Leu Pro Ser Trp Asn Ser Ala Val Cys
1 5 10

<210> 9994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9994
Cys Leu Ser Pro Lys Leu Ser Arg Gly Leu
1 5 10

<210> 9995
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 9995
Arg Ser Glu Ala Ser Cys Arg Asn Gln Lys
1 5 10

<210> 9996
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9996
Cys Ala Leu Pro Ser Val Leu Ala Arg Trp
1 5 10

<210> 9997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9997
Lys Gln Ile Asn Ile Ile Leu Pro Ser Trp
1 5 10

<210> 9998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9998
Ser Ala Lys Lys Ser Thr Trp Phe His Val
1 5 10

<210> 9999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 9999
Ser Val Leu Ala Arg Trp Asn Leu Pro Met
1 5 10

<210> 10000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10000
Ser Trp Arg Pro Thr Cys Cys Glu Gln Arg
1 5 10

<210> 10001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10001
Ser Thr Trp Phe His Val Thr Ser Gly Thr
1 5 10

<210> 10002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10002
Thr Ser Leu Ser Cys Ala Leu Pro Ser Val
1 5 10

<210> 10003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10003
Asn Ile Ile Leu Pro Ser Trp Asn Ser Ala
1 5 10

<210> 10004
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10004
Asn Ser Ala Val Cys Gly Phe Pro Cys Leu
1 5 10

<210> 10005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10005
Leu Pro Ser Val Leu Ala Arg Trp Asn Leu
1 5 10

<210> 10006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10006
Trp Asn Lys Lys Gln Ile Asn Ile Ile Leu
1 5 10

<210> 10007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10007
Arg Ile Asn Ser Ala Lys Lys Ser Thr Trp
1 5 10

<210> 10008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10008
Ile Asn Ser Ala Lys Lys Ser Thr Trp Phe
1 5 10

<210> 10009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10009
Trp Phe His Val Thr Ser Gly Thr Ser Leu
1 5 10

<210> 10010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10010
Ser Glu Ala Ser Cys Arg Asn Gln Lys Leu
1 5 10

<210> 10011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10011
Lys Leu Lys Arg Asp Ile Ser Glu Asn Trp
1 5 10

<210> 10012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10012
Cys Gly Phe Pro Cys Leu Ser Pro Lys Leu
1 5 10

<210> 10013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10013
Cys Glu Gln Arg Gly Ser Arg Ser Glu Ala
1 5 10

<210> 10014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10014
Ala Glu Gln Cys Asn Ile Met Arg Leu
1 5

<210> 10015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10015
Ser Gln Ala Cys Ala Glu Gln Cys Asn Ile
1 5 10

<210> 10016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10016
Ala Glu Gln Cys Asn Ile Met Arg Leu Val
1 5 10

<210> 10017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10017
Leu Leu His Ala Thr Thr Arg Gln Ala
1 5

<210> 10018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10018
Thr Thr Arg Gln Ala Ala Gly Ile Arg
1 5

<210> 10019
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10019
Gln Met Leu Leu His Ala Thr Thr Arg
1 5

<210> 10020
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10020
Tyr Gln Met Leu Leu His Ala Thr Thr
1 5

<210> 10021
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10021
Leu His Ala Thr Thr Arg Gln Ala Ala
1 5

<210> 10022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10022
Met Leu Leu His Ala Thr Thr Arg Gln Ala
1 5 10

<210> 10023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10023
Leu Leu His Ala Thr Thr Arg Gln Ala Ala
1 5 10

<210> 10024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10024
Thr Thr Arg Gln Ala Ala Gly Ile Arg Leu
1 5 10

<210> 10025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10025
Tyr Gln Met Leu Leu His Ala Thr Thr Arg
1 5 10

<210> 10026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10026
Leu Pro Tyr Gln Met Leu Leu His Ala Thr
1 5 10

<210> 10027
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10027
Met Arg Met Arg Met Thr Trp Arg Lys
1 5

<210> 10028
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10028
Arg Trp Arg Ala Glu Trp Met Arg Met
1 5

<210> 10029
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10029

Glu Trp Met Arg Met Arg Met Thr Trp
1 5

<210> 10030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10030
Arg Ala Glu Trp Met Arg Met Arg Met
1 5

<210> 10031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10031
Trp Met Arg Met Arg Met Thr Trp Arg
1 5

<210> 10032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10032
Arg Met Arg Met Thr Trp Arg Lys Asn
1 5

<210> 10033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10033
Glu Glu Lys Arg Trp Arg Ala Glu Trp
1 5

<210> 10034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10034
Ala Glu Trp Met Arg Met Arg Met Thr
1 5

<210> 10035
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10035
Trp Met Arg Met Arg Met Thr Trp Arg Lys
1 5 10

<210> 10036
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10036
Arg Trp Arg Ala Glu Trp Met Arg Met Arg
1 5 10

<210> 10037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10037
Arg Met Arg Met Thr Trp Arg Lys Asn Thr
1 5 10

<210> 10038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10038
Glu Trp Met Arg Met Arg Met Thr Trp Arg
1 5 10

<210> 10039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10039
Lys Arg Trp Arg Ala Glu Trp Met Arg Met
1 5 10

<210> 10040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10040
Trp Arg Ala Glu Trp Met Arg Met Arg Met
1 5 10

<210> 10041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10041
Ala Glu Trp Met Arg Met Arg Met Thr Trp
1 5 10

<210> 10042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10042
Asp Glu Glu Lys Arg Trp Arg Ala Glu Trp
1 5 10

<210> 10043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10043
Leu Leu Ser Ala Gln Phe His Gln Lys
1 5

<210> 10044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10044
Cys Leu Leu Ser Ala Gln Phe His Gln Lys
1 5 10

<210> 10045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10045
Val Leu Asn Pro Cys Leu Pro Ser Ile
1 5

<210> 10046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10046
Ser Ile Met Leu Thr Ser His Asn Met

1 5

<210> 10047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10047
Ile Thr Val Arg Gly Glu Met Phe Val
1 5

<210> 10048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10048
Lys Glu Ile Thr Val Arg Gly Glu Met
1 5

<210> 10049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10049
Gly Glu Met Phe Val Leu Asn Pro Cys
1 5

<210> 10050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10050
Glu Met Phe Val Leu Asn Pro Cys Leu
1 5

<210> 10051

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10051
Asn Pro Cys Leu Pro Ser Ile Met Leu
1 5

<210> 10052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10052
Leu Pro Ser Ile Met Leu Thr Ser His
1 5

<210> 10053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10053
Phe Val Leu Asn Pro Cys Leu Pro Ser Ile
1 5 10

<210> 10054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10054
Val Leu Asn Pro Cys Leu Pro Ser Ile Met
1 5 10

<210> 10055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10055
Glu Ile Thr Val Arg Gly Glu Met Phe Val
1 5 10

<210> 10056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10056
Lys Lys Glu Ile Thr Val Arg Gly Glu Met
1 5 10

<210> 10057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10057
Lys Glu Ile Thr Val Arg Gly Glu Met Phe
1 5 10

<210> 10058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10058
Gly Glu Met Phe Val Leu Asn Pro Cys Leu
1 5 10

<210> 10059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10059
Val Ala Val Phe Phe Trp Trp Ser Val
1 5

<210> 10060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10060
Ala Val Phe Phe Trp Trp Ser Val Tyr
1 5

<210> 10061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10061
Phe Trp Trp Ser Val Tyr Gln Glu Gly
1 5

<210> 10062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10062
Val Lys Val Ala Val Phe Phe Trp Trp
1 5

<210> 10063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10063
Lys Val Ala Val Phe Phe Trp Trp Ser Val
1 5 10

<210> 10064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10064
Val Ala Val Phe Phe Trp Trp Ser Val Tyr
1 5 10

<210> 10065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10065
Leu Gly Arg Gly Pro Lys Gly Asp Lys
1 5

<210> 10066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10066
Lys Gly Lys Arg Leu Gly Arg Gly Pro Lys
1 5 10

<210> 10067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10067
Arg Leu Gly Arg Gly Pro Lys Gly Asp Lys
1 5 10

<210> 10068
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10068
Ile Tyr Gln Gly Arg Leu Cys Ala Phe
1 5

<210> 10069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10069
Ile Tyr Gln Gly Arg Leu Cys Ala Phe Cys
1 5 10

<210> 10070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10070
Cys Ile Tyr Gln Gly Arg Leu Cys Ala Phe
1 5 10

<210> 10071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10071
Arg Gly Lys Lys Leu Val Lys Arg Leu
1 5

<210> 10072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10072
Leu Val Lys Arg Leu Ser Gln Ser Met
1 5

<210> 10073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10073
Tyr Glu Val Arg Arg Gly Lys Lys Leu
1 5

<210> 10074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10074
Lys Leu Val Lys Arg Leu Ser Gln Ser Met
1 5 10

<210> 10075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10075
Glu Val Arg Arg Gly Lys Lys Leu Val Lys
1 5 10

<210> 10076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10076
Tyr Glu Val Arg Arg Gly Lys Lys Leu Val
1 5 10

<210> 10077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10077
Lys Arg Gln Gly Ile Ser Pro Ala Leu
1 5

<210> 10078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10078
Arg Gln Gly Ile Ser Pro Ala Leu Val
1 5

<210> 10079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10079
Glu Lys Arg Gln Gly Ile Ser Pro Ala Leu
1 5 10

<210> 10080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10080
Val Glu Lys Arg Gln Gly Ile Ser Pro Ala
1 5 10

<210> 10081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10081
Phe Met His Lys Val His Phe Pro Ser
1 5

<210> 10082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10082
Lys Val His Phe Pro Ser Pro Gln Arg
1 5

<210> 10083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10083
His Phe Pro Ser Pro Gln Arg Pro Arg
1 5

<210> 10084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10084
Ile Ser His Phe Met His Lys Val His
1 5

<210> 10085
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10085
Ser His Phe Met His Lys Val His Phe
1 5

<210> 10086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10086
Lys Val His Phe Pro Ser Pro Gln Arg Pro
1 5 10

<210> 10087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10087
Ile Ser His Phe Met His Lys Val His Phe
1 5 10

<210> 10088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10088
Phe Met His Lys Val His Phe Pro Ser Pro
1 5 10

<210> 10089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10089
Arg Phe Lys Gln Gln Thr Pro Ser Gln
1 5

<210> 10090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10090
Lys Gln Gln Thr Pro Ser Gln Thr His
1 5

<210> 10091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10091
Arg Phe Lys Gln Gln Thr Pro Ser Gln Thr
1 5 10

<210> 10092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10092
Lys Gln Gln Thr Pro Ser Gln Thr His Lys
1 5 10

<210> 10093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10093

Phe Lys Gln Gln Thr Pro Ser Gln Thr His
1 5 10

<210> 10094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10094
Phe Glu Cys Gln Asn Leu Glu Lys Leu
1 5

<210> 10095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10095
Leu Glu Lys Leu Thr Thr Val Gln Ile
1 5

<210> 10096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10096
Cys Gln Asn Leu Glu Lys Leu Thr Thr Val
1 5 10

<210> 10097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10097
Met Thr Phe Glu Cys Gln Asn Leu Glu Lys
1 5 10

<210> 10098
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10098
Ile Leu His Lys Tyr Met Gln Arg Val
1 5

<210> 10099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10099
Lys Ser Glu Val Cys Ile Leu His Lys
1 5

<210> 10100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10100
Cys Ile Leu His Lys Tyr Met Gln Arg
1 5

<210> 10101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10101
Lys Tyr Met Gln Arg Val Leu Lys Val
1 5

<210> 10102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10102
His Lys Tyr Met Gln Arg Val Leu Lys
1 5

<210> 10103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10103
Ser Glu Val Cys Ile Leu His Lys Tyr
1 5

<210> 10104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10104
Leu His Lys Tyr Met Gln Arg Val Leu
1 5

<210> 10105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10105
Lys Ser Glu Val Cys Ile Leu His Lys Tyr
1 5 10

<210> 10106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10106
Cys Ile Leu His Lys Tyr Met Gln Arg Val
1 5 10

<210> 10107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10107
Ile Leu His Lys Tyr Met Gln Arg Val Leu
1 5 10

<210> 10108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10108
Leu His Lys Tyr Met Gln Arg Val Leu Lys
1 5 10

<210> 10109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10109
Lys Tyr Met Gln Arg Val Leu Lys Val Arg
1 5 10

<210> 10110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10110
Ser Glu Val Cys Ile Leu His Lys Tyr Met

1 5 10

<210> 10111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10111
His Lys Tyr Met Gln Arg Val Leu Lys Val
1 5 10

<210> 10112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10112
Glu Lys Trp Ala His Leu Ser Pro Leu
1 5

<210> 10113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10113
Trp Ala His Leu Ser Pro Leu Glu Phe
1 5

<210> 10114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10114
Leu Glu Phe Ser Gln Leu Gln Lys Tyr
1 5

<210> 10115

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10115
His Leu Ser Pro Leu Glu Phe Ser Gln Leu
1 5 10

<210> 10116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10116
Lys Trp Ala His Leu Ser Pro Leu Glu Phe
1 5 10

<210> 10117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10117
Gln Glu Lys Trp Ala His Leu Ser Pro Leu
1 5 10

<210> 10118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10118
Leu Glu Phe Ser Gln Leu Gln Lys Tyr Ala
1 5 10

<210> 10119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10119
Ala Leu Leu Glu Ala Leu Gly Thr Thr
1 5

<210> 10120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10120
Ala Leu Gly Thr Thr Gly Phe Gln Ala
1 5

<210> 10121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10121
Asn Tyr Arg Ala Leu Leu Glu Ala Leu
1 5

<210> 10122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10122
Leu Glu Ala Leu Gly Thr Thr Gly Phe
1 5

<210> 10123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10123
Glu Ala Leu Gly Thr Thr Gly Phe Gln Ala
1 5 10

<210> 10124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10124
Leu Leu Glu Ala Leu Gly Thr Thr Gly Phe
1 5 10

<210> 10125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10125
Val Asn Tyr Arg Ala Leu Leu Glu Ala Leu
1 5 10

<210> 10126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10126
Cys Leu Ala Pro Gly Leu Thr Lys Thr
1 5

<210> 10127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10127
Leu Thr Lys Thr Ser Phe Ser Arg Met
1 5

<210> 10128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10128
Gly Leu Thr Lys Thr Ser Phe Ser Arg
1 5

<210> 10129
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10129
Ala Pro Gly Leu Thr Lys Thr Ser Phe
1 5

<210> 10130
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10130
Thr Lys Thr Ser Phe Ser Arg Met Leu
1 5

<210> 10131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10131
Gly Leu Thr Lys Thr Ser Phe Ser Arg Met
1 5 10

<210> 10132
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10132
Leu Thr Lys Thr Ser Phe Ser Arg Met Leu
1 5 10

<210> 10133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10133
Leu Ala Pro Gly Leu Thr Lys Thr Ser Phe
1 5 10

<210> 10134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10134
Thr Lys Thr Ser Phe Ser Arg Met Leu Trp
1 5 10

<210> 10135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10135
Thr Gln Leu Ala Phe Glu Tyr Gln Arg
1 5

<210> 10136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10136
Val Val Arg Ala Thr Gln Leu Ala Phe
1 5

<210> 10137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10137
Arg Ala Thr Gln Leu Ala Phe Glu Tyr
1 5

<210> 10138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10138
Glu Val Val Arg Ala Thr Gln Leu Ala
1 5

<210> 10139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10139
Glu Glu Val Val Arg Ala Thr Gln Leu
1 5

<210> 10140
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10140
Ala Thr Gln Leu Ala Phe Glu Tyr Gln Arg
1 5 10

<210> 10141
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10141
Val Val Arg Ala Thr Gln Leu Ala Phe Glu
1 5 10

<210> 10142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10142
Val Arg Ala Thr Gln Leu Ala Phe Glu Tyr
1 5 10

<210> 10143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10143
Gln Leu Ala Phe Glu Tyr Gln Arg Gln Phe
1 5 10

<210> 10144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10144
Glu Val Val Arg Ala Thr Gln Leu Ala Phe
1 5 10

<210> 10145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10145
Glu Glu Val Val Arg Ala Thr Gln Leu Ala
1 5 10

<210> 10146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10146
Gly Glu Gly Tyr Asn Tyr Thr Gly Met
1 5

<210> 10147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10147
Phe Met Cys Glu Val Gln Gly Glu Gly Tyr
1 5 10

<210> 10148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10148
Cys Glu Val Gln Gly Glu Gly Tyr Asn Tyr
1 5 10

<210> 10149
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10149
Met Met Glu Asp Met Asn Leu Asn Lys
1 5

<210> 10150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10150
Leu Asn Lys Glu Lys Lys Ala Pro Leu
1 5

<210> 10151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10151
Lys Met Met Glu Asp Met Asn Leu Asn Lys
1 5 10

<210> 10152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10152
Lys Glu Lys Lys Ala Pro Leu Arg Asn Lys
1 5 10

<210> 10153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10153
Asn Leu Asn Lys Glu Lys Lys Ala Pro Leu
1 5 10

<210> 10154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10154
Arg Leu Lys Phe Leu Gly Asp Ala Ile
1 5

<210> 10155
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10155
Ile Thr Asp Cys Tyr Gln Arg Leu Lys
1 5

<210> 10156
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10156
Leu Lys Phe Leu Gly Asp Ala Ile Leu
1 5

<210> 10157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10157

Ile Thr Asp Cys Tyr Gln Arg Leu Lys Phe
1 5 10

<210> 10158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10158
Arg Leu Lys Phe Leu Gly Asp Ala Ile Leu
1 5 10

<210> 10159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10159
Thr Ile Thr Asp Cys Tyr Gln Arg Leu Lys
1 5 10

<210> 10160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10160
Lys Phe Leu Gly Asp Ala Ile Leu Asp Tyr
1 5 10

<210> 10161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10161
Tyr Gln Arg Leu Lys Phe Leu Gly Asp Ala
1 5 10

<210> 10162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10162
Ser Ile Ser Lys Cys His Ala Phe Ile
1 5

<210> 10163
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10163
Arg Leu Ser Ile Ser Lys Cys His Ala
1 5

<210> 10164
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10164
Ile Ser Lys Cys His Ala Phe Ile Leu
1 5

<210> 10165
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10165
Leu Ser Ile Ser Lys Cys His Ala Phe
1 5

<210> 10166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10166
Met Gln Arg Leu Ser Ile Ser Lys Cys
1 5

<210> 10167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10167
Lys Cys His Ala Phe Ile Leu Val Phe
1 5

<210> 10168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10168
Ser Ile Ser Lys Cys His Ala Phe Ile Leu
1 5 10

<210> 10169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10169
Ile Ser Lys Cys His Ala Phe Ile Leu Val
1 5 10

<210> 10170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10170
Leu Ser Ile Ser Lys Cys His Ala Phe Ile
1 5 10

<210> 10171
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10171
Arg Leu Ser Ile Ser Lys Cys His Ala Phe
1 5 10

<210> 10172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10172
Met Gln Arg Leu Ser Ile Ser Lys Cys His
1 5 10

<210> 10173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10173
Ser Lys Cys His Ala Phe Ile Leu Val Phe
1 5 10

<210> 10174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10174
Tyr Thr His Phe Thr Ser Pro Ile Lys

1 5

<210> 10175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10175
His Phe Thr Ser Pro Ile Lys Arg Tyr
1 5

<210> 10176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10176
Phe Thr Ser Pro Ile Lys Arg Tyr Ala
1 5

<210> 10177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10177
Ser Pro Ile Lys Arg Tyr Ala Asp Val
1 5

<210> 10178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10178
Ile Lys Arg Tyr Ala Asp Val Ile Val
1 5

<210> 10179

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10179
Lys Arg Tyr Ala Asp Val Ile Val His
1 5

<210> 10180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10180
Tyr Thr His Phe Thr Ser Pro Ile Lys Arg
1 5 10

<210> 10181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10181
Ile Tyr Thr His Phe Thr Ser Pro Ile Lys
1 5 10

<210> 10182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10182
Ser Pro Ile Lys Arg Tyr Ala Asp Val Ile
1 5 10

<210> 10183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10183
Thr His Phe Thr Ser Pro Ile Lys Arg Tyr
1 5 10

<210> 10184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10184
Ile Lys Arg Tyr Ala Asp Val Ile Val His
1 5 10

<210> 10185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10185
Phe Leu Ala Leu Thr Val Gly Leu Ala
1 5

<210> 10186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10186
Ala Leu Thr Val Gly Leu Ala Tyr Ile
1 5

<210> 10187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10187
Leu Thr Val Gly Leu Ala Tyr Ile Val
1 5

<210> 10188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10188
Trp Phe Leu Ala Leu Thr Val Gly Leu
1 5

<210> 10189
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10189
Leu Ala Leu Thr Val Gly Leu Ala Tyr
1 5

<210> 10190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10190
Phe Leu Ala Leu Thr Val Gly Leu Ala Tyr
1 5 10

<210> 10191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10191
Ala Leu Thr Val Gly Leu Ala Tyr Ile Val
1 5 10

<210> 10192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10192
Leu Ala Tyr Ile Val Cys Ile Asn Pro Lys
1 5 10

<210> 10193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10193
Phe Trp Phe Leu Ala Leu Thr Val Gly Leu
1 5 10

<210> 10194
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10194
Leu Ala Leu Thr Val Gly Leu Ala Tyr Ile
1 5 10

<210> 10195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10195
Arg Ser Ser His Pro Phe Glu Cys Tyr
1 5

<210> 10196
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10196
His Pro Phe Glu Cys Tyr Asp Ala Glu
1 5

<210> 10197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10197
Cys Tyr Asp Ala Glu Tyr Lys Lys Leu Phe
1 5 10

<210> 10198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10198
His Pro Phe Glu Cys Tyr Asp Ala Glu Tyr
1 5 10

<210> 10199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10199
Phe Arg Ser Ser His Pro Phe Glu Cys Tyr
1 5 10

<210> 10200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10200
Asn Thr Ala Glu Ala Leu Ser Leu Ser
1 5

<210> 10201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10201
Glu Ala Leu Ser Leu Ser Ala Ser Val
1 5

<210> 10202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10202
Leu Asn Thr Ala Glu Ala Leu Ser Leu
1 5

<210> 10203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10203
Ala Glu Ala Leu Ser Leu Ser Ala Ser
1 5

<210> 10204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10204
Leu Ser Leu Ser Ala Ser Val Gly Leu
1 5

<210> 10205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10205
Ala Leu Ser Leu Ser Ala Ser Val Gly Leu
1 5 10

<210> 10206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10206
Ser Leu Ser Ala Ser Val Gly Leu Ser Val
1 5 10

<210> 10207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10207
Gln Leu Asn Thr Ala Glu Ala Leu Ser Leu
1 5 10

<210> 10208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10208
Asn Thr Ala Glu Ala Leu Ser Leu Ser Ala
1 5 10

<210> 10209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10209
Trp Gln Leu Asn Thr Ala Glu Ala Leu Ser
1 5 10

<210> 10210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10210
Ala Glu Ala Leu Ser Leu Ser Ala Ser Val
1 5 10

<210> 10211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10211
Glu Ile Phe Gln His Cys Asp Cys Ala
1 5

<210> 10212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10212
Phe Gln His Cys Asp Cys Ala Lys Gly Leu
1 5 10

<210> 10213
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10213
Leu Glu Ile Phe Gln His Cys Asp Cys Ala
1 5 10

<210> 10214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10214
Arg Val Arg Leu Asp Ser Met Val Leu
1 5

<210> 10215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10215
Arg Asp Arg Val Arg Leu Asp Ser Met
1 5

<210> 10216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10216
Val Arg Leu Asp Ser Met Val Leu Leu
1 5

<210> 10217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10217
Arg Glu Asp Arg Asp Arg Val Arg Leu
1 5

<210> 10218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10218
Arg Val Arg Leu Asp Ser Met Val Leu Leu
1 5 10

<210> 10219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10219
Glu Ile Arg Glu Asp Arg Asp Arg Val Arg
1 5 10

<210> 10220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10220
Lys Glu Ile Arg Glu Asp Arg Asp Arg Val
1 5 10

<210> 10221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10221

Arg Ser Val Ser Asn Ser Thr Gln Thr Thr
1 5 10

<210> 10222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10222
Asn Val Lys Asp Ile Ala Pro Asp Lys
1 5

<210> 10223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10223
Arg Ser Arg Arg Thr Ala Ala Arg Val
1 5

<210> 10224
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10224
Arg Thr Ala Ala Arg Val Asn Ser Pro
1 5

<210> 10225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10225
Arg Ser Arg Arg Thr Ala Ala Arg Val Asn
1 5 10

<210> 10226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10226
Arg Thr Ala Ala Arg Val Asn Ser Pro Glu
1 5 10

<210> 10227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10227
Gly Val Ile Asp Leu Lys Gly Ser Phe
1 5

<210> 10228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10228
Asn Ala Lys Pro Gly Val Ile Asp Leu Lys
1 5 10

<210> 10229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10229
Asp Leu Lys Gly Ser Phe Asn Asp Lys Arg
1 5 10

<210> 10230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10230
Trp Thr Arg Pro Gly Ser Thr Ala Val
1 5

<210> 10231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10231
Thr Ala Ala Pro Arg His Leu Pro Lys
1 5

<210> 10232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10232
Ala Thr Ser Lys Pro Trp Gly Met Arg
1 5

<210> 10233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10233
Val Ala Arg Met Gly Arg Ser Pro Ala
1 5

<210> 10234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10234
Thr Ser Lys Pro Trp Gly Met Arg Arg
1 5

<210> 10235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10235
Pro Val Ala Pro Pro Ala Trp Thr Arg
1 5

<210> 10236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10236
Gln Val Pro Gln Asp Asp Trp Gly Val
1 5

<210> 10237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10237
Gln Ser Pro Asp Ala Ser Pro Pro Val
1 5

<210> 10238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10238
Ser Thr Pro Gly Ala Pro Ser Leu Ala

1 5

<210> 10239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10239
Ser Pro Ala Ala Gly Cys Gly Ala Ala
1 5

<210> 10240
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10240
Lys Pro Trp Gly Met Arg Arg Ala Glu
1 5

<210> 10241
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10241
Val Pro Ser Pro Leu Asp Ser Ser Ala
1 5

<210> 10242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10242
Ala Arg Met Gly Arg Ser Pro Ala Ala
1 5

<210> 10243

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10243
Arg Met Gly Arg Ser Pro Ala Ala Gly
1 5

<210> 10244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10244
Gly Ala Ala Ala Thr Ser Lys Pro Trp
1 5

<210> 10245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10245
Met Arg Arg Ala Glu Thr Gln Thr Ala
1 5

<210> 10246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10246
Arg Arg Ala Glu Thr Gln Thr Ala Ala
1 5

<210> 10247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10247
Thr Gln Thr Ala Ala Pro Arg His Leu
1 5

<210> 10248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10248
Lys Gln Ser Pro Asp Ala Ser Pro Pro
1 5

<210> 10249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10249
Gly Ser Thr Pro Gly Ala Pro Ser Leu
1 5

<210> 10250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10250
Leu Ala Thr Ala Val Pro Ser Pro Leu
1 5

<210> 10251
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10251
Ser Pro Pro Val Ala Pro Pro Ala Trp
1 5

<210> 10252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10252
Leu Gln Val Pro Gln Asp Asp Trp Gly Val
1 5 10

<210> 10253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10253
Lys Gln Ser Pro Asp Ala Ser Pro Pro Val
1 5 10

<210> 10254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10254
Ser Leu Ala Thr Ala Val Pro Ser Pro Leu
1 5 10

<210> 10255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10255
Gln Thr Ala Ala Pro Arg His Leu Pro Lys
1 5 10

<210> 10256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10256
Ala Thr Ser Lys Pro Trp Gly Met Arg Arg
1 5 10

<210> 10257
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10257
Val Ala Arg Met Gly Arg Ser Pro Ala Ala
1 5 10

<210> 10258
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10258
Thr Ser Lys Pro Trp Gly Met Arg Arg Ala
1 5 10

<210> 10259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10259
Gly Met Arg Arg Ala Glu Thr Gln Thr Ala
1 5 10

<210> 10260
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10260
Arg Ala Glu Thr Gln Thr Ala Ala Pro Arg
1 5 10

<210> 10261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10261
Val Ser His Pro Gly Ser Thr Pro Gly Ala
1 5 10

<210> 10262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10262
Asp Trp Gly Val Thr Pro Pro Val Ala Arg
1 5 10

<210> 10263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10263
Val Thr Pro Pro Val Ala Arg Met Gly Arg
1 5 10

<210> 10264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10264
Asp Ala Ser Pro Pro Val Ala Pro Pro Ala
1 5 10

<210> 10265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10265
Ser Pro Ala Ala Gly Cys Gly Ala Ala Ala
1 5 10

<210> 10266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10266
Lys Pro Trp Gly Met Arg Arg Ala Glu Thr
1 5 10

<210> 10267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10267
Val Pro Ser Pro Leu Asp Ser Ser Ala Met
1 5 10

<210> 10268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10268
Trp Gly Val Thr Pro Pro Val Ala Arg Met
1 5 10

<210> 10269
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10269
Cys Gly Ala Ala Ala Thr Ser Lys Pro Trp
1 5 10

<210> 10270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10270
Met Arg Arg Ala Glu Thr Gln Thr Ala Ala
1 5 10

<210> 10271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10271
Val Thr Cys Ala His Gly Pro Cys Phe
1 5

<210> 10272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10272
Cys Glu Val Ser Gly Val Thr Cys Ala His
1 5 10

<210> 10273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10273
Gly Val Thr Cys Ala His Gly Pro Cys Phe
1 5 10

<210> 10274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10274
Gly Leu Val Glu Val Leu Tyr Gln Gly Ser
1 5 10

<210> 10275
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10275
Arg Cys Arg Gly Leu Val Glu Val Leu Tyr
1 5 10

<210> 10276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10276
Ile Ser His Arg Ile Asn Thr Gly Lys
1 5

<210> 10277
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10277
Arg Ile Asn Thr Gly Lys Ala Ser Ile
1 5

<210> 10278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10278
Asn Thr Gly Lys Ala Ser Ile Pro Leu
1 5

<210> 10279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10279
Ala Ile Ser His Arg Ile Asn Thr Gly Lys
1 5 10

<210> 10280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10280
Asn Thr Gly Lys Ala Ser Ile Pro Leu Lys
1 5 10

<210> 10281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10281
His Arg Ile Asn Thr Gly Lys Ala Ser Ile
1 5 10

<210> 10282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10282
Thr Gly Arg Thr Gly Arg Ile His Val
1 5

<210> 10283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10283
His Val Leu Ser Phe Lys Thr Gly Ile
1 5

<210> 10284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10284
Thr Gly Arg Ile His Val Leu Ser Phe
1 5

<210> 10285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10285

Thr Gly Arg Ile His Val Leu Ser Phe Lys
1 5 10

<210> 10286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10286
Arg Thr Gly Arg Ile His Val Leu Ser Phe
1 5 10

<210> 10287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10287
Arg Ile His Val Leu Ser Phe Lys Thr Gly
1 5 10

<210> 10288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10288
Ile His Val Leu Ser Phe Lys Thr Gly Ile
1 5 10

<210> 10289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10289
His Leu Arg Thr Gly Pro Gly Gln Val
1 5

<210> 10290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10290
His Leu Arg Thr Gly Pro Gly Gln Val Arg
1 5 10

<210> 10291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10291
Ala Leu Val Gly Ala Ala Ser Gly Thr
1 5

<210> 10292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10292
Gly Thr Ser Ala Gly Gly Ser Ser Arg
1 5

<210> 10293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10293
Gly Pro Arg Glu Arg Cys Ser Pro Ala
1 5

<210> 10294
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10294
Gly Pro Arg Glu Arg Cys Ser Pro Ala Gly
1 5 10

<210> 10295
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10295
Glu Glu Ile Asp Lys His Arg Arg Arg Phe
1 5 10

<210> 10296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10296
Lys Ala Leu Gly Leu Leu Phe Val Val
1 5

<210> 10297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10297
Leu Ala Lys Ala Leu Gly Leu Leu Phe
1 5

<210> 10298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10298
Ala Lys Ala Leu Gly Leu Leu Phe Val
1 5

<210> 10299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10299
Leu Ala Lys Ala Leu Gly Leu Leu Phe Val
1 5 10

<210> 10300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10300
Phe Val Val Thr Asn Cys Gly Glu Gly Met
1 5 10

<210> 10301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10301
Asp Leu Ala Lys Ala Leu Gly Leu Leu Phe
1 5 10

<210> 10302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10302
Ala Lys Ala Leu Gly Leu Leu Phe Val Val

1 5 10

<210> 10303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10303
Gln Ile Asp Ala Ser Val Leu Ser Val
1 5

<210> 10304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10304
Glu Phe Asn Gln Ile Asp Ala Ser Val
1 5

<210> 10305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10305
Asp Glu Phe Asn Gln Ile Asp Ala Ser
1 5

<210> 10306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10306
Asn Gln Ile Asp Ala Ser Val Leu Ser Val
1 5 10

<210> 10307

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10307
Asp Glu Phe Asn Gln Ile Asp Ala Ser Val
1 5 10

<210> 10308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10308
Lys Lys Ile Cys Val Arg Ser Ala Val
1 5

<210> 10309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10309
Cys Val Arg Ser Ala Val Glu Gln Trp
1 5

<210> 10310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10310
Cys Val Arg Ser Ala Val Glu Gln Trp Leu
1 5 10

<210> 10311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10311
Leu Val Leu Pro Lys Lys Ile Cys Val Arg
1 5 10

<210> 10312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10312
Leu Pro Lys Lys Ile Cys Val Arg Ser Ala
1 5 10

<210> 10313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10313
Ser Leu Phe Gln Lys Asp Lys Leu Leu
1 5

<210> 10314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10314
Asn Val Cys Arg Ser Leu Phe Gln Lys
1 5

<210> 10315
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10315
Leu Phe Gln Lys Asp Lys Leu Leu Phe
1 5

<210> 10316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10316
Gln Lys Asp Lys Leu Leu Phe Ser Leu
1 5

<210> 10317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10317
Phe Gln Lys Asp Lys Leu Leu Phe Ser Leu
1 5 10

<210> 10318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10318
Ser Leu Phe Gln Lys Asp Lys Leu Leu Phe
1 5 10

<210> 10319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10319
Val Ala Thr Leu Gly Ser Ile Leu Tyr
1 5

<210> 10320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10320
Thr Leu Gly Ser Ile Leu Tyr Phe Leu
1 5

<210> 10321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10321
Ala Thr Leu Gly Ser Ile Leu Tyr Phe
1 5

<210> 10322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10322
Arg Pro Val Ala Thr Leu Gly Ser Ile
1 5

<210> 10323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10323
Glu Glu Tyr Arg Pro Val Ala Thr Leu
1 5

<210> 10324
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10324
Pro Val Ala Thr Leu Gly Ser Ile Leu Tyr
1 5 10

<210> 10325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10325
Ala Thr Leu Gly Ser Ile Leu Tyr Phe Leu
1 5 10

<210> 10326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10326
Thr Leu Gly Ser Ile Leu Tyr Phe Leu Ile
1 5 10

<210> 10327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10327
Arg Pro Val Ala Thr Leu Gly Ser Ile Leu
1 5 10

<210> 10328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10328
Arg Glu Glu Tyr Arg Pro Val Ala Thr Leu
1 5 10

<210> 10329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10329
Val Ala Thr Leu Gly Ser Ile Leu Tyr Phe
1 5 10

<210> 10330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10330
Leu Phe Gln Lys Gln Asp Arg Tyr Lys
1 5

<210> 10331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10331
Ser Leu Phe Gln Lys Gln Asp Arg Tyr
1 5

<210> 10332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10332
Lys Gln Asp Arg Tyr Lys Arg Asn Phe
1 5

<210> 10333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10333
Ser Leu Phe Gln Lys Gln Asp Arg Tyr Lys
1 5 10

<210> 10334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10334
Thr Ser Leu Phe Gln Lys Gln Asp Arg Tyr
1 5 10

<210> 10335
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10335
Leu Phe Gln Lys Gln Asp Arg Tyr Lys Arg
1 5 10

<210> 10336
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10336
Gln Lys Gln Asp Arg Tyr Lys Arg Asn Phe
1 5 10

<210> 10337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10337
Asn Thr Leu Glu Ala Ile His Lys Arg
1 5

<210> 10338
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10338
Ala Ile His Lys Arg Ile His Ser Ser His
1 5 10

<210> 10339
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10339
Asn Thr Leu Glu Ala Ile His Lys Arg Ile
1 5 10

<210> 10340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10340
His Lys Arg Ile His Ser Ser His Thr Ile
1 5 10

<210> 10341
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10341
Glu Ser Glu Ser Ser Leu His Leu Val
1 5

<210> 10342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10342
Leu Leu Glu Glu Ser Glu Ser Ser Leu
1 5

<210> 10343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10343
Glu Ser Ser Leu His Leu Val Ile Arg
1 5

<210> 10344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10344
Glu Glu Ser Glu Ser Ser Leu His Leu
1 5

<210> 10345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10345
Ser Glu Ser Ser Leu His Leu Val Ile
1 5

<210> 10346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10346
Ser Leu Leu Glu Glu Ser Glu Ser Ser Leu
1 5 10

<210> 10347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10347
Leu Glu Glu Ser Glu Ser Ser Leu His Leu
1 5 10

<210> 10348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10348
Glu Glu Ser Glu Ser Ser Leu His Leu Val
1 5 10

<210> 10349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10349

Leu Gln Lys Cys Asp Ile Leu Glu Leu
1 5

<210> 10350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10350
Asn Leu Gln Lys Cys Asp Ile Leu Glu Leu
1 5 10

<210> 10351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10351
Ser Leu Lys Glu Lys Val Asn Leu Gln Lys
1 5 10

<210> 10352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10352
Leu Gln Lys Cys Asp Ile Leu Glu Leu Lys
1 5 10

<210> 10353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10353
Glu Lys His Val Glu Val Gln Thr Leu
1 5

<210> 10354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10354
His Val Glu Val Gln Thr Leu Ala Asn Arg
1 5 10

<210> 10355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10355
Gly Glu Lys His Val Glu Val Gln Thr Leu
1 5 10

<210> 10356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10356
Val Glu Val Gln Thr Leu Ala Asn Arg Met
1 5 10

<210> 10357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10357
Ala Asn Asn Lys Ala Asp Met Val Leu Lys
1 5 10

<210> 10358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10358
Gln Val Ala Asn Asn Lys Ala Asp Met Val
1 5 10

<210> 10359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10359
Leu Gln Val Ala Asn Asn Lys Ala Asp Met
1 5 10

<210> 10360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10360
Lys Glu Leu Gln Val Ala Asn Asn Lys Ala
1 5 10

<210> 10361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10361
Ile Gln Thr Trp Asn Ile Ala Gly Leu
1 5

<210> 10362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10362
Gly Glu Ala Val Thr Ile Gln Thr Trp
1 5

<210> 10363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10363
Thr Ile Gln Thr Trp Asn Ile Ala Gly Leu
1 5 10

<210> 10364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10364
Glu Ala Val Thr Ile Gln Thr Trp Asn Ile
1 5 10

<210> 10365
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10365
Asn Ile Asp Phe Lys Glu Leu Ala Tyr
1 5

<210> 10366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10366
Arg Phe Glu Gly Ile Asn Ile Asp Phe

1 5

<210> 10367
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10367
Ser Lys Arg Phe Glu Gly Ile Asn Ile
1 5

<210> 10368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10368
Arg Phe Glu Gly Ile Asn Ile Asp Phe Lys
1 5 10

<210> 10369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10369
Ile Asn Ile Asp Phe Lys Glu Leu Ala Tyr
1 5 10

<210> 10370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10370
Lys Arg Phe Glu Gly Ile Asn Ile Asp Phe
1 5 10

<210> 10371

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10371
Ser Val Arg Leu Arg Phe Leu Gln Asn
1 5

<210> 10372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10372
Arg Leu Arg Phe Leu Gln Asn Thr Glu
1 5

<210> 10373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10373
Gln Ala Leu Glu Ser Val Arg Leu Arg
1 5

<210> 10374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10374
Gln Gln Ala Leu Glu Ser Val Arg Leu
1 5

<210> 10375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10375
Ala Leu Glu Ser Val Arg Leu Arg Phe
1 5

<210> 10376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10376
Leu Glu Ser Val Arg Leu Arg Phe Leu
1 5

<210> 10377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10377
Ser Val Arg Leu Arg Phe Leu Gln Asn Thr
1 5 10

<210> 10378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10378
Arg Leu Arg Phe Leu Gln Asn Thr Glu Gly
1 5 10

<210> 10379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10379
Gln Ala Leu Glu Ser Val Arg Leu Arg Phe
1 5 10

<210> 10380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10380
Asn Pro Lys Asp Ser His Leu Leu Leu
1 5

<210> 10381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10381
Ser His Leu Leu Leu Gly Gly Cys Tyr
1 5

<210> 10382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10382
Leu Glu Phe Asn Pro Lys Asp Ser His Leu
1 5 10

<210> 10383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10383
Arg Val Trp Met Tyr Gln Asn Ser Val
1 5

<210> 10384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10384
Arg Leu Ala Ala Arg Val Trp Met Tyr
1 5

<210> 10385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10385
Met Tyr Gln Asn Ser Val Leu Gln Lys
1 5

<210> 10386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10386
Val Trp Met Tyr Gln Asn Ser Val Leu
1 5

<210> 10387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10387
Arg Glu Lys Lys Lys Arg Leu Ala Ala
1 5

<210> 10388
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10388
Lys Lys Arg Leu Ala Ala Arg Val Trp
1 5

<210> 10389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10389
Lys Arg Leu Ala Ala Arg Val Trp Met
1 5

<210> 10390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10390
Trp Met Tyr Gln Asn Ser Val Leu Gln
1 5

<210> 10391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10391
Trp Met Tyr Gln Asn Ser Val Leu Gln Lys
1 5 10

<210> 10392
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10392
Lys Lys Arg Leu Ala Ala Arg Val Trp Met
1 5 10

<210> 10393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10393
Arg Val Trp Met Tyr Gln Asn Ser Val Leu
1 5 10

<210> 10394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10394
Met Tyr Gln Asn Ser Val Leu Gln Lys Lys
1 5 10

<210> 10395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10395
Lys Arg Leu Ala Ala Arg Val Trp Met Tyr
1 5 10

<210> 10396
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10396
Tyr Gln Asn Ser Val Leu Gln Lys Lys Met
1 5 10

<210> 10397
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10397
Lys Lys Lys Arg Leu Ala Ala Arg Val Trp
1 5 10

<210> 10398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10398
Ala Arg Val Trp Met Tyr Gln Asn Ser Val
1 5 10

<210> 10399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10399
Asn Ala His Gly Asp Phe Leu Lys Lys
1 5

<210> 10400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10400
Lys Asn Arg Ala Tyr Glu Val Leu Lys
1 5

<210> 10401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10401
Leu Lys Lys Asn Arg Ala Tyr Glu Val
1 5

<210> 10402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10402
Lys Lys Asn Arg Ala Tyr Glu Val Leu
1 5

<210> 10403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10403
Phe Leu Lys Lys Asn Arg Ala Tyr Glu Val
1 5 10

<210> 10404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10404
Gly Asp Phe Leu Lys Lys Asn Arg Ala Tyr
1 5 10

<210> 10405
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10405
Leu Lys Lys Asn Arg Ala Tyr Glu Val Leu
1 5 10

<210> 10406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10406
Glu Gln Arg Glu Lys Lys Lys Glu Glu Leu
1 5 10

<210> 10407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10407
Lys Lys Lys Glu Glu Leu Ala Ser Thr Ala
1 5 10

<210> 10408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10408
Pro Ile Ile Asn Tyr Pro Gln Leu Lys
1 5

<210> 10409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10409
Lys Asn Glu Leu Phe Cys Asn Ile Tyr
1 5

<210> 10410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10410
Tyr Pro Gln Leu Lys Asn Glu Leu Phe
1 5

<210> 10411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10411
Leu Lys Asn Glu Leu Phe Cys Asn Ile
1 5

<210> 10412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10412
Gln Leu Lys Asn Glu Leu Phe Cys Asn Ile
1 5 10

<210> 10413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10413

Asn Tyr Pro Gln Leu Lys Asn Glu Leu Phe
1 5 10

<210> 10414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10414
Lys Asn Glu Leu Phe Cys Asn Ile Tyr Tyr
1 5 10

<210> 10415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10415
Ile Asn Tyr Pro Gln Leu Lys Asn Glu Leu
1 5 10

<210> 10416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10416
Leu Lys Asn Glu Leu Phe Cys Asn Ile Tyr
1 5 10

<210> 10417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10417
Lys Phe Ile Lys Ile Asp Gln Ala Trp
1 5

<210> 10418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10418
Phe Ile Lys Ile Asp Gln Ala Trp Lys
1 5

<210> 10419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10419
Ile Lys Ile Asp Gln Ala Trp Lys Ile
1 5

<210> 10420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10420
Phe Ile Lys Ile Asp Gln Ala Trp Lys Ile
1 5 10

<210> 10421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10421
Lys Phe Ile Lys Ile Asp Gln Ala Trp Lys
1 5 10

<210> 10422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10422
Gln Lys Phe Ile Lys Ile Asp Gln Ala Trp
1 5 10

<210> 10423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10423
Ile Lys Ile Asp Gln Ala Trp Lys Ile Leu
1 5 10

<210> 10424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10424
Val Ile Ala Asn Gly Glu Asp Thr Thr Val
1 5 10

<210> 10425
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10425
Leu Val Lys Met Asp Phe Asp Glu Lys
1 5

<210> 10426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10426
Phe Pro Phe Glu Leu Val Lys Met Asp Phe
1 5 10

<210> 10427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10427
Leu Leu Leu Gly Ala Pro Asn Pro Ile
1 5

<210> 10428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10428
Cys Ser Arg Gly Gly Ser Ser Leu Leu
1 5

<210> 10429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10429
Ser Arg Gly Gly Ser Ser Leu Leu Leu
1 5

<210> 10430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10430
Asn Pro Ile Pro Ala Trp Thr Pro Glu

1 5

<210> 10431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10431
Ile Pro Ala Trp Thr Pro Glu Arg Val
1 5

<210> 10432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10432
Ser Leu Leu Leu Gly Ala Pro Asn Pro Ile
1 5 10

<210> 10433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10433
Leu Leu Gly Ala Pro Asn Pro Ile Pro Ala
1 5 10

<210> 10434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10434
Cys Ser Arg Gly Gly Ser Ser Leu Leu Leu
1 5 10

<210> 10435

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10435
Asn Pro Ile Pro Ala Trp Thr Pro Glu Arg
1 5 10

<210> 10436
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10436
Leu Gly Ala Pro Asn Pro Ile Pro Ala Trp
1 5 10

<210> 10437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10437
Phe Pro Ser Gln Glu Leu Asp Asn Leu
1 5

<210> 10438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10438
Gly Leu Ile Glu Lys Asn Ile Lys Leu
1 5

<210> 10439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10439
Lys Leu Phe Phe Ser Gly Ser Ala Lys
1 5

<210> 10440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10440
Ile Glu Lys Asn Ile Lys Leu Phe Phe
1 5

<210> 10441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10441
Ile Lys Leu Phe Phe Ser Gly Ser Ala
1 5

<210> 10442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10442
Asn Ile Lys Leu Phe Phe Ser Gly Ser Ala
1 5 10

<210> 10443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10443
Gly Leu Ile Glu Lys Asn Ile Lys Leu Phe
1 5 10

<210> 10444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10444
Lys Leu Asn Leu Leu His Lys Phe Leu
1 5

<210> 10445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10445
Lys Glu Lys Leu Asn Leu Leu His Lys
1 5

<210> 10446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10446
Glu Lys Leu Asn Leu Leu His Lys Phe
1 5

<210> 10447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10447
Leu Leu His Lys Phe Leu Gln Thr Glu Ile
1 5 10

<210> 10448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10448
Lys Glu Lys Leu Asn Leu Leu His Lys Phe
1 5 10

<210> 10449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10449
Gln Ile Lys Glu Ile Phe Cys Pro Lys
1 5

<210> 10450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10450
Arg Ile Gly Gln Ile Lys Glu Ile Phe
1 5

<210> 10451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10451
Gly Gln Ile Lys Glu Ile Phe Cys Pro Lys
1 5 10

<210> 10452
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10452
Gln Ile Lys Glu Ile Phe Cys Pro Lys Lys
1 5 10

<210> 10453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10453
Ala Pro Glu Pro Tyr Arg Ile Gly Gln Ile
1 5 10

<210> 10454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10454
Tyr Arg Ile Gly Gln Ile Lys Glu Ile Phe
1 5 10

<210> 10455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10455
Val Thr Asn Pro Gln Pro Met Gly Lys
1 5

<210> 10456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10456
Thr Thr Val Thr Asn Pro Gln Pro Met
1 5

<210> 10457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10457
Gln Pro Met Gly Lys Gln Gly Arg Val
1 5

<210> 10458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10458
Thr Val Thr Asn Pro Gln Pro Met Gly Lys
1 5 10

<210> 10459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10459
Gln Pro Met Gly Lys Gln Gly Arg Val Leu
1 5 10

<210> 10460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10460
Ser Thr Thr Val Thr Asn Pro Gln Pro Met
1 5 10

<210> 10461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10461
His Leu Leu His Asp Ala Arg Pro Lys
1 5

<210> 10462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10462
Phe Tyr His Leu Leu His Asp Ala Arg
1 5

<210> 10463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10463
Phe Glu Phe Tyr His Leu Leu His Asp
1 5

<210> 10464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10464
Glu Phe Tyr His Leu Leu His Asp Ala Arg
1 5 10

<210> 10465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10465
Phe Glu Phe Tyr His Leu Leu His Asp Ala
1 5 10

<210> 10466
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10466
Val Ser Asn Met Ser Cys Leu Ala Arg
1 5

<210> 10467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10467
Asn Met Ser Cys Leu Ala Arg Gln Arg
1 5

<210> 10468
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10468
Asp Val Ser Asn Met Ser Cys Leu Ala
1 5

<210> 10469
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10469
Tyr Thr Asp Val Ser Asn Met Ser Cys Leu
1 5 10

<210> 10470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10470
Asn Met Ser Cys Leu Ala Arg Gln Arg Leu
1 5 10

<210> 10471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10471
Cys Leu Ala Arg Gln Arg Leu Leu Gly Arg
1 5 10

<210> 10472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10472
Asp Val Ser Asn Met Ser Cys Leu Ala Arg
1 5 10

<210> 10473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10473
Ser Asn Met Ser Cys Leu Ala Arg Gln Arg
1 5 10

<210> 10474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10474
Tyr Thr Asp Val Ser Asn Met Ser His
1 5

<210> 10475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10475
Val Ser Asn Met Ser His Leu Ala Arg
1 5

<210> 10476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10476
Met Ser His Leu Ala Arg Gln Arg Leu
1 5

<210> 10477
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10477

Asn Met Ser His Leu Ala Arg Gln Arg
1 5

<210> 10478
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10478
Asp Val Ser Asn Met Ser His Leu Ala
1 5

<210> 10479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10479
Tyr Thr Asp Val Ser Asn Met Ser His Leu
1 5 10

<210> 10480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10480
His Leu Ala Arg Gln Arg Leu Leu Gly Arg
1 5 10

<210> 10481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10481
Met Ser His Leu Ala Arg Gln Arg Leu Leu
1 5 10

<210> 10482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10482
Asp Val Ser Asn Met Ser His Leu Ala Arg
1 5 10

<210> 10483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10483
Ser Asn Met Ser His Leu Ala Arg Gln Arg
1 5 10

<210> 10484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10484
Asn Met Ser His Leu Ala Arg Gln Arg Leu
1 5 10

<210> 10485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10485
Val Met Pro Lys Leu Phe Trp Glu Thr
1 5

<210> 10486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10486
Lys Leu Phe Trp Glu Thr Arg Thr Arg
1 5

<210> 10487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10487
Met Pro Lys Leu Phe Trp Glu Thr Arg
1 5

<210> 10488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10488
Thr Pro Val Met Pro Lys Leu Phe Trp
1 5

<210> 10489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10489
Val Met Pro Lys Leu Phe Trp Glu Thr Arg
1 5 10

<210> 10490
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10490
Lys Leu Tyr Cys Leu Ile Lys Ile Val
1 5

<210> 10491
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10491
Ile Gln Lys Leu Tyr Cys Leu Ile Lys
1 5

<210> 10492
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10492
Ile Lys Ile Val His Ser Asp Leu Phe
1 5

<210> 10493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10493
Cys Leu Ile Lys Ile Val His Ser Asp Leu
1 5 10

<210> 10494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10494
Thr Ile Gln Lys Leu Tyr Cys Leu Ile Lys

1 5 10

<210> 10495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10495
Leu Ile Lys Ile Val His Ser Asp Leu Phe
1 5 10

<210> 10496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10496
Ile Gln Lys Leu Tyr Cys Leu Ile Lys Ile
1 5 10

<210> 10497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10497
Leu Ile Val Asp Val Asn Lys Pro Ile
1 5

<210> 10498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10498
Glu Leu Ile Val Asp Val Asn Lys Pro Ile
1 5 10

<210> 10499

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10499
Trp Lys Ser Glu Arg Tyr Glu Leu Ile Val
1 5 10

<210> 10500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10500
Ser Glu Arg Tyr Glu Leu Ile Val Asp Val
1 5 10

<210> 10501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10501
Val Ile Lys Glu Gly Trp Leu His Lys Ala
1 5 10

<210> 10502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10502
Gly Val Ile Lys Glu Gly Trp Leu His Lys
1 5 10

<210> 10503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10503
Lys Glu Gly Trp Leu His Lys Ala Asn Val
1 5 10

<210> 10504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10504
Thr Trp Cys Glu Thr Gly Ile Ser Phe
1 5

<210> 10505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10505
Gln Glu Thr Trp Cys Glu Thr Gly Ile
1 5

<210> 10506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10506
Val Glu Gln Glu Thr Trp Cys Glu Thr
1 5

<210> 10507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10507
Cys Glu Thr Gly Ile Ser Phe Val Thr
1 5

<210> 10508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10508
Glu Thr Trp Cys Glu Thr Gly Ile Ser Phe
1 5 10

<210> 10509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10509
Cys Glu Thr Gly Ile Ser Phe Val Thr Ser
1 5 10

<210> 10510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10510
Lys Thr Ser Thr Ile Ala Leu Phe Lys
1 5

<210> 10511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10511
Ile Leu Asp Pro Asp Lys Thr Ser Thr Ile
1 5 10

<210> 10512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10512
Lys Thr Ser Thr Ile Ala Leu Phe Lys Ala
1 5 10

<210> 10513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10513
Asp Pro Asp Lys Thr Ser Thr Ile Ala Leu
1 5 10

<210> 10514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10514
His Tyr Leu Asn Leu Asn Leu Phe Leu
1 5

<210> 10515
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10515
Ala Gln Ala Gly Pro Pro Pro Leu Lys
1 5

<210> 10516
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10516
Arg Ala Val Arg Arg Val Trp Glu Arg
1 5

<210> 10517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10517
Gly Pro Pro Pro Leu Lys Arg Ala Val
1 5

<210> 10518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10518
Ala Ala Gln Ala Gly Pro Pro Pro Leu
1 5

<210> 10519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10519
Leu Lys Arg Ala Val Arg Arg Val Trp
1 5

<210> 10520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10520
Ala Ala Gln Ala Gly Pro Pro Pro Leu Lys
1 5 10

<210> 10521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10521
Ala Val Arg Arg Val Trp Glu Arg Pro Arg
1 5 10

<210> 10522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10522
Arg Val Trp Glu Arg Pro Arg His Cys Leu
1 5 10

<210> 10523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10523
Ser Ala Tyr Trp Gln His Ile Thr Trp
1 5

<210> 10524
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10524
Tyr Trp Gln His Ile Thr Trp Gln His
1 5

<210> 10525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10525
Trp Gln His Ser Thr Gly Gln Leu Tyr
1 5

<210> 10526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10526
Trp Gln His Ile Thr Trp Gln His Ser
1 5

<210> 10527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10527
Arg Ser Ala Tyr Trp Gln His Ile Thr Trp
1 5 10

<210> 10528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10528
Tyr Trp Gln His Ile Thr Trp Gln His Ser
1 5 10

<210> 10529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10529
Thr Trp Gln His Ser Thr Gly Gln Leu Tyr
1 5 10

<210> 10530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10530
Trp Gln His Ile Thr Trp Gln His Ser Thr
1 5 10

<210> 10531
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10531
Ile Thr Trp Gln His Ser Thr Gly Gln Leu
1 5 10

<210> 10532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10532
Ala Pro Gln Asp Ser Glu Ala Thr Leu
1 5

<210> 10533
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10533
Met Glu Ala Pro Gln Asp Ser Glu Ala
1 5

<210> 10534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10534
Met Glu Ala Pro Gln Asp Ser Glu Ala Thr
1 5 10

<210> 10535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10535
Ala Ser Glu Ser Phe Ser Ser Asp Lys
1 5

<210> 10536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10536
Lys Glu Ala Asp Leu Glu Leu Gln Ala
1 5

<210> 10537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10537
Gln Ala Ser Glu Ser Phe Ser Ser Asp Lys
1 5 10

<210> 10538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10538
Lys Glu Ala Asp Leu Glu Leu Gln Ala Leu
1 5 10

<210> 10539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10539
Ser Glu Ser Phe Ser Ser Asp Lys Glu Ala
1 5 10

<210> 10540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10540
Ser Leu Pro Leu Ile Gln Glu Arg Leu
1 5

<210> 10541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10541

Gln Tyr His Leu Ser Leu Pro Leu Ile
1 5

<210> 10542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10542
Leu Ser Leu Pro Leu Ile Gln Glu Arg
1 5

<210> 10543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10543
Asp Gln Tyr His Leu Ser Leu Pro Leu
1 5

<210> 10544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10544
Gly Glu Leu Asp Gln Tyr His Leu Ser
1 5

<210> 10545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10545
His Leu Ser Leu Pro Leu Ile Gln Glu Arg
1 5 10

<210> 10546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10546
Gly Glu Leu Asp Gln Tyr His Leu Ser Leu
1 5 10

<210> 10547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10547
Leu Asp Gln Tyr His Leu Ser Leu Pro Leu
1 5 10

<210> 10548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10548
Asp Gln Tyr His Leu Ser Leu Pro Leu Ile
1 5 10

<210> 10549
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10549
Leu Ser Leu Pro Leu Ile Gln Glu Arg Leu
1 5 10

<210> 10550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10550
Thr Glu Asn Gly Asp Arg Thr Pro Ala
1 5

<210> 10551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10551
Trp Leu Trp Pro Leu Leu Ala Val Cys
1 5

<210> 10552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10552
Gly Trp Trp Leu Trp Pro Leu Leu Ala
1 5

<210> 10553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10553
Trp Trp Leu Trp Pro Leu Leu Ala Val
1 5

<210> 10554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10554
Leu Leu Ala Val Cys Thr Ala Asp Phe
1 5

<210> 10555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10555
Ser Gly Trp Trp Leu Trp Pro Leu Leu
1 5

<210> 10556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10556
Leu Ala Val Cys Thr Ala Asp Phe Phe
1 5

<210> 10557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10557
Trp Pro Leu Leu Ala Val Cys Thr Ala
1 5

<210> 10558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10558
Trp Leu Trp Pro Leu Leu Ala Val Cys Thr

1 5 10

<210> 10559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10559
Trp Ser Gly Trp Trp Leu Trp Pro Leu Leu
1 5 10

<210> 10560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10560
Gly Trp Trp Leu Trp Pro Leu Leu Ala Val
1 5 10

<210> 10561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10561
Leu Ala Val Cys Thr Ala Asp Phe Phe Arg
1 5 10

<210> 10562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10562
Leu Leu Ala Val Cys Thr Ala Asp Phe Phe
1 5 10

<210> 10563

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10563
Glu Val Glu Asp Ser Ile Leu Gln Tyr
1 5

<210> 10564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10564
Ile Leu Gln Tyr Ala Ala Trp Gly Val
1 5

<210> 10565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10565
Val Glu Asp Ser Ile Leu Gln Tyr Ala
1 5

<210> 10566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10566
Asn Pro Pro Glu Val Glu Asp Ser Ile
1 5

<210> 10567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10567
Ser Ile Leu Gln Tyr Ala Ala Trp Gly Val
1 5 10

<210> 10568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10568
Glu Val Glu Asp Ser Ile Leu Gln Tyr Ala
1 5 10

<210> 10569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10569
Pro Glu Val Glu Asp Ser Ile Leu Gln Tyr
1 5 10

<210> 10570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10570
Val Glu Asp Ser Ile Leu Gln Tyr Ala Ala
1 5 10

<210> 10571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10571
Phe Ser Glu Arg Tyr Phe Gly Leu His
1 5

<210> 10572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10572
Ala Phe Ser Glu Arg Tyr Phe Gly Leu
1 5

<210> 10573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10573
Ala Ser Ala Phe Ser Glu Arg Tyr Phe
1 5

<210> 10574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10574
Glu Arg Tyr Phe Gly Leu His Gly Leu
1 5

<210> 10575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10575
Ser Ala Phe Ser Glu Arg Tyr Phe Gly Leu
1 5 10

<210> 10576
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10576
Tyr Ala Ser Ala Phe Ser Glu Arg Tyr Phe
1 5 10

<210> 10577
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10577
Ser Glu Arg Tyr Phe Gly Leu His Gly Leu
1 5 10

<210> 10578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10578
Arg Lys Arg Ile Gly Thr Val Arg Ile
1 5

<210> 10579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10579
Ile Gly Thr Val Arg Ile Ala Ser Tyr
1 5

<210> 10580
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10580
Thr Val Arg Ile Ala Ser Tyr Asp Tyr
1 5

<210> 10581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10581
Lys Arg Ile Gly Thr Val Arg Ile Ala
1 5

<210> 10582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10582
Gly Thr Val Arg Ile Ala Ser Tyr Asp Tyr
1 5 10

<210> 10583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10583
Arg Glu Arg Lys Arg Ile Gly Thr Val Arg
1 5 10

<210> 10584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10584
Arg Ile Gly Thr Val Arg Ile Ala Ser Tyr
1 5 10

<210> 10585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10585
Thr Val Arg Ile Ala Ser Tyr Asp Tyr His
1 5 10

<210> 10586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10586
Arg Lys Arg Ile Gly Thr Val Arg Ile Ala
1 5 10

<210> 10587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10587
Leu Thr Ser Lys Leu Phe Ser Tyr Lys
1 5

<210> 10588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10588
Leu Leu Thr Ser Lys Leu Phe Ser Tyr
1 5

<210> 10589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10589
Gly Asn Leu Leu Thr Ser Lys Leu Phe
1 5

<210> 10590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10590
Ser Lys Leu Phe Ser Tyr Lys Asp Phe
1 5

<210> 10591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10591
Lys Leu Phe Ser Tyr Lys Asp Phe Asp Thr
1 5 10

<210> 10592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10592
Leu Leu Thr Ser Lys Leu Phe Ser Tyr Lys
1 5 10

<210> 10593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10593
Asn Leu Leu Thr Ser Lys Leu Phe Ser Tyr
1 5 10

<210> 10594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10594
Ile Gly Asn Leu Leu Thr Ser Lys Leu Phe
1 5 10

<210> 10595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10595
Leu Ile Ala Leu Cys Ile Ser Asn Leu
1 5

<210> 10596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10596
Cys Ile Ser Asn Leu Phe Phe Met Leu
1 5

<210> 10597
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10597
Ile Ala Leu Cys Ile Ser Asn Leu Phe
1 5

<210> 10598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10598
Leu Phe Phe Met Leu Pro Trp Gln Phe
1 5

<210> 10599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10599
Ala Leu Cys Ile Ser Asn Leu Phe Phe
1 5

<210> 10600
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10600
Leu Cys Ile Ser Asn Leu Phe Phe Met
1 5

<210> 10601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10601
Ser Asn Leu Phe Phe Met Leu Pro Trp
1 5

<210> 10602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10602
Ser Leu Ile Ala Leu Cys Ile Ser Asn Leu
1 5 10

<210> 10603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10603
Ala Leu Cys Ile Ser Asn Leu Phe Phe Met
1 5 10

<210> 10604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10604
Ile Ala Leu Cys Ile Ser Asn Leu Phe Phe
1 5 10

<210> 10605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10605

Asn Leu Phe Phe Met Leu Pro Trp Gln Phe
1 5 10

<210> 10606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10606
Leu Ile Ala Leu Cys Ile Ser Asn Leu Phe
1 5 10

<210> 10607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10607
Ile Ser Asn Leu Phe Phe Met Leu Pro Trp
1 5 10

<210> 10608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10608
Cys Thr Phe Met Gly Ile Val Asn Leu
1 5

<210> 10609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10609
Cys Thr Phe Met Gly Ile Val Asn Leu Phe
1 5 10

<210> 10610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10610
Ser Trp Tyr Cys Thr Phe Met Gly Ile Val
1 5 10

<210> 10611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10611
Ala Pro Gly Phe Thr His Pro Pro Leu
1 5

<210> 10612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10612
Met Leu Thr Ala Ala Pro Gly Phe Thr His
1 5 10

<210> 10613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10613
His Ala Gln Ser Cys Arg Ser Arg Ala
1 5

<210> 10614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10614
Arg Ser Arg Ala Ala Cys Ala Pro Asp
1 5

<210> 10615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10615
Ala Gln Ser Cys Arg Ser Arg Ala Ala
1 5

<210> 10616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10616
Arg Ser Arg Ala Ala Cys Ala Pro Asp Thr
1 5 10

<210> 10617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10617
Arg Ala Ala Cys Ala Pro Asp Thr Ser Leu
1 5 10

<210> 10618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10618
Ala Gln Ser Cys Arg Ser Arg Ala Ala Cys
1 5 10

<210> 10619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10619
Phe Leu Ile Tyr Cys Leu Ala Leu Asn
1 5

<210> 10620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10620
Ile Tyr Cys Leu Ala Leu Asn Ser Arg
1 5

<210> 10621
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10621
Thr Pro Leu Phe Leu Ile Tyr Cys Leu
1 5

<210> 10622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10622
Phe Leu Ile Tyr Cys Leu Ala Leu Asn Ser

1 5 10

<210> 10623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10623
Ile Thr Pro Leu Phe Leu Ile Tyr Cys Leu
1 5 10

<210> 10624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10624
Leu Ile Tyr Cys Leu Ala Leu Asn Ser Arg
1 5 10

<210> 10625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10625
Thr Pro Leu Phe Leu Ile Tyr Cys Leu Ala
1 5 10

<210> 10626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10626
Ala Ile Ser Val Pro Gly Val Arg Arg
1 5

<210> 10627

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10627
Lys Ala Ile Ser Val Pro Gly Val Arg
1 5

<210> 10628
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10628
Gly Val Arg Arg Ala Ser Ser Lys Gly
1 5

<210> 10629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10629
Tyr Lys Ala Ile Ser Val Pro Gly Val
1 5

<210> 10630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10630
Lys Ala Ile Ser Val Pro Gly Val Arg Arg
1 5 10

<210> 10631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10631
Leu Tyr Lys Ala Ile Ser Val Pro Gly Val
1 5 10

<210> 10632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10632
Phe Thr Asp Ser Leu Gln Ala Leu Ile
1 5

<210> 10633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10633
Ser Leu Gln Ala Leu Ile Asp Trp Leu
1 5

<210> 10634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10634
Phe Ser Gly Gln Phe Thr Asp Ser Leu
1 5

<210> 10635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10635
Gly Gln Phe Thr Asp Ser Leu Gln Ala
1 5

<210> 10636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10636
Phe Thr Asp Ser Leu Gln Ala Leu Ile Asp
1 5 10

<210> 10637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10637
Ser Leu Gln Ala Leu Ile Asp Trp Leu Tyr
1 5 10

<210> 10638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10638
Gly Gln Phe Thr Asp Ser Leu Gln Ala Leu
1 5 10

<210> 10639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10639
Gln Phe Thr Asp Ser Leu Gln Ala Leu Ile
1 5 10

<210> 10640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10640
Trp Met Gly Asn Val Glu Ser Tyr Leu
1 5

<210> 10641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10641
Met Gly Asn Val Glu Ser Tyr Leu Lys
1 5

<210> 10642
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10642
Tyr Leu Lys Glu Gln Gly Gln Val Pro Leu
1 5 10

<210> 10643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10643
Trp Met Gly Asn Val Glu Ser Tyr Leu Lys
1 5 10

<210> 10644
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10644
Asp Trp Met Gly Asn Val Glu Ser Tyr Leu
1 5 10

<210> 10645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10645
Glu Ser Tyr Leu Lys Glu Gln Gly Gln Val
1 5 10

<210> 10646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10646
Leu Asp Trp Met Gly Asn Val Glu Ser Tyr
1 5 10

<210> 10647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10647
Leu Met Phe Phe Phe Val Gly Thr Arg
1 5

<210> 10648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10648
Gly Thr Arg Thr Ser Thr Ser Glu Lys
1 5

<210> 10649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10649
Glu Leu Met Phe Phe Phe Val Gly Thr
1 5

<210> 10650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10650
Arg Lys Glu Glu Leu Met Phe Phe Phe
1 5

<210> 10651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10651
Glu Glu Leu Met Phe Phe Phe Val Gly
1 5

<210> 10652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10652
Lys Glu Glu Leu Met Phe Phe Phe Val
1 5

<210> 10653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10653
Leu Met Phe Phe Phe Val Gly Thr Arg Thr
1 5 10

<210> 10654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10654
Glu Leu Met Phe Phe Phe Val Gly Thr Arg
1 5 10

<210> 10655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10655
Ser Arg Lys Glu Glu Leu Met Phe Phe Phe
1 5 10

<210> 10656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10656
Phe Phe Phe Val Gly Thr Arg Thr Ser Thr
1 5 10

<210> 10657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10657
Glu Glu Leu Met Phe Phe Phe Val Gly Thr
1 5 10

<210> 10658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10658
Lys Glu Glu Leu Met Phe Phe Phe Val Gly
1 5 10

<210> 10659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10659
Phe Leu Ser Lys Asp Glu Leu Phe Thr
1 5

<210> 10660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10660
Gly Phe Leu Ser Lys Asp Glu Leu Phe
1 5

<210> 10661
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10661
Leu Phe Thr Met Met Arg Ser Phe Ile
1 5

<210> 10662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10662
Glu Leu Phe Thr Met Met Arg Ser Phe
1 5

<210> 10663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10663
Leu Ser Lys Asp Glu Leu Phe Thr Met
1 5

<210> 10664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10664
Ser Lys Asp Glu Leu Phe Thr Met Met
1 5

<210> 10665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10665
Asp Glu Leu Phe Thr Met Met Arg Ser
1 5

<210> 10666
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10666
Phe Leu Ser Lys Asp Glu Leu Phe Thr Met
1 5 10

<210> 10667
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10667
Glu Leu Phe Thr Met Met Arg Ser Phe Ile
1 5 10

<210> 10668
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10668
Asn Gly Phe Leu Ser Lys Asp Glu Leu Phe
1 5 10

<210> 10669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10669

Leu Ser Lys Asp Glu Leu Phe Thr Met Met
1 5 10

<210> 10670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10670
Asp Glu Leu Phe Thr Met Met Arg Ser Phe
1 5 10

<210> 10671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10671
Ala Leu Leu His Pro Glu Ala Gln Leu
1 5

<210> 10672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10672
Ser Leu Ser Pro Pro Ala Glu Gly Ala
1 5

<210> 10673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10673
Gly Ala Ala Phe Gly Gly Val Gly Lys
1 5

<210> 10674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10674
Gly Pro Pro Ser Pro Ser Pro Ala Val
1 5

<210> 10675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10675
Ser Pro Pro Ala Glu Gly Ala Ala Phe
1 5

<210> 10676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10676
Glu Pro Thr Gln Gly Ser Ile Pro Met
1 5

<210> 10677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10677
Ile Pro Met Asp Arg Pro Leu Ala Trp
1 5

<210> 10678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10678
Arg Pro Leu Ala Trp Pro Ser Pro Thr
1 5

<210> 10679
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10679
Val Gly Lys Gln Val Gly Leu Ala Met
1 5

<210> 10680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10680
Lys Gln Val Gly Leu Ala Met Gly Ala
1 5

<210> 10681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10681
Pro Glu Ala Gln Leu Gly Val Pro Leu
1 5

<210> 10682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10682
Ala Gln Leu Gly Val Pro Leu Ile Ser
1 5

<210> 10683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10683
Gly Ser Ile Pro Met Asp Arg Pro Leu
1 5

<210> 10684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10684
Leu Ala Trp Pro Ser Pro Thr Thr Pro
1 5

<210> 10685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10685
Ala Glu Gly Ala Ala Phe Gly Gly Val
1 5

<210> 10686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10686
Ala Met Gly Ala Leu Leu His Pro Glu Ala

1 5 10

<210> 10687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10687
Leu Leu His Pro Glu Ala Gln Leu Gly Val
1 5 10

<210> 10688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10688
Ala Val Ala Val Ser Leu Ser Pro Pro Ala
1 5 10

<210> 10689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10689
Ser Leu Ser Pro Pro Ala Glu Gly Ala Ala
1 5 10

<210> 10690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10690
Lys Gln Val Gly Leu Ala Met Gly Ala Leu
1 5 10

<210> 10691

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10691
Leu Ile Ser Glu Pro Thr Gln Gly Ser Ile
1 5 10

<210> 10692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10692
Ser Thr Arg Ser Asp Gly Gly Gln Gly Ala
1 5 10

<210> 10693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10693
Arg Ser Gly Pro Pro Ser Pro Ser Pro Ala
1 5 10

<210> 10694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10694
Ser Pro Ser Pro Ala Val Ala Val Ser Leu
1 5 10

<210> 10695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10695
His Pro Glu Ala Gln Leu Gly Val Pro Leu
1 5 10

<210> 10696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10696
Arg Pro Leu Ala Trp Pro Ser Pro Thr Thr
1 5 10

<210> 10697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10697
Leu Ser Pro Pro Ala Glu Gly Ala Ala Phe
1 5 10

<210> 10698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10698
Gly Val Gly Lys Gln Val Gly Leu Ala Met
1 5 10

<210> 10699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10699
Ser Glu Pro Thr Gln Gly Ser Ile Pro Met
1 5 10

<210> 10700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10700
Pro Glu Ala Gln Leu Gly Val Pro Leu Ile
1 5 10

<210> 10701
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10701
Ala Glu Gly Ala Ala Phe Gly Gly Val Gly
1 5 10

<210> 10702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10702
Ser Met Asp Gln Asp Phe Gly Gly Val
1 5

<210> 10703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10703
Lys Ser Met Asp Gln Asp Phe Gly Gly Val
1 5 10

<210> 10704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10704
Ser Met Asp Gln Asp Phe Gly Gly Val Lys
1 5 10

<210> 10705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10705
His Leu Phe Thr Val His Asp Trp Asp Lys
1 5 10

<210> 10706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10706
Thr Val His Asp Trp Asp Lys Asn Phe Lys
1 5 10

<210> 10707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10707
His Asp Trp Asp Lys Asn Phe Lys Ala Leu
1 5 10

<210> 10708
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10708
His His Gln Pro His His His Pro Arg
1 5

<210> 10709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10709
Leu Val Val Pro His His Gln Pro His
1 5

<210> 10710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10710
Ser Pro Asp Thr Leu Val Val Pro His
1 5

<210> 10711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10711
Leu Pro Pro Ser Pro Asp Thr Leu Val
1 5

<210> 10712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10712
Gln Leu Pro Pro Ser Pro Asp Thr Leu Val
1 5 10

<210> 10713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10713
Ala Gln Leu Pro Pro Ser Pro Asp Thr Leu
1 5 10

<210> 10714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10714
Leu Pro Pro Ser Pro Asp Thr Leu Val Val
1 5 10

<210> 10715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10715
Thr Gln Ile Pro Arg Thr Ser Arg Trp
1 5

<210> 10716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10716
Asp Thr Gln Ile Pro Arg Thr Ser Arg
1 5

<210> 10717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10717
Arg Gly Lys Lys Asp Thr Gln Ile Pro Arg
1 5 10

<210> 10718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10718
Lys Glu Gly Cys Thr Gly Asp Leu Val
1 5

<210> 10719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10719
Cys Leu Lys Glu Gly Cys Thr Gly Asp Leu
1 5 10

<210> 10720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10720
Asn Leu Lys Met Leu Ser Ser Ala Ala
1 5

<210> 10721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10721
Leu Lys Met Leu Ser Ser Ala Ala Ser
1 5

<210> 10722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10722
Lys Met Leu Ser Ser Ala Ala Ser Pro
1 5

<210> 10723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10723
Met Leu Ser Ser Ala Ala Ser Pro Asp Ile
1 5 10

<210> 10724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10724
Leu Lys Met Leu Ser Ser Ala Ala Ser Pro
1 5 10

<210> 10725
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10725
Ile Thr Val Lys Lys Gln Glu Leu Lys
1 5

<210> 10726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10726
Ile Val Lys Asn Asn Ser Asn Asn Lys
1 5

<210> 10727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10727
Lys Gln Glu Leu Lys Glu Ala Val Lys
1 5

<210> 10728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10728
Lys Lys Gln Glu Leu Lys Glu Ala Val
1 5

<210> 10729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10729
Gln Glu Leu Lys Glu Ala Val Lys Phe
1 5

<210> 10730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10730
Lys Glu Ala Val Lys Phe Ser Ile Val
1 5

<210> 10731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10731
Cys Gly Ile Gln Pro Gly Leu Pro Ile
1 5

<210> 10732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10732
Ser Ile Val Lys Asn Asn Ser Asn Asn Lys
1 5 10

<210> 10733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10733

Glu Leu Lys Glu Ala Val Lys Phe Ser Ile
1 5 10

<210> 10734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10734
Lys Gln Glu Leu Lys Glu Ala Val Lys Phe
1 5 10

<210> 10735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10735
Cys Gly Ile Gln Pro Gly Leu Pro Ile Leu
1 5 10

<210> 10736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10736
Arg Ala Ala Lys Gln Gln Arg Lys Lys
1 5

<210> 10737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10737
Lys Gln Gln Arg Lys Lys Met Glu Lys
1 5

<210> 10738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10738
Arg Ala Ala Lys Gln Gln Arg Lys Lys Met
1 5 10

<210> 10739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10739
Ala Leu Asn Glu Pro Thr Ile Gly Tyr
1 5

<210> 10740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10740
Pro Thr Ile Gly Tyr Gly Phe Gln Arg
1 5

<210> 10741
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10741
Asn Glu Pro Thr Ile Gly Tyr Gly Phe
1 5

<210> 10742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10742
Ile Gly Tyr Gly Phe Gln Arg Leu Gln Lys
1 5 10

<210> 10743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10743
Gly Tyr Gly Phe Gln Arg Leu Gln Lys Val
1 5 10

<210> 10744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10744
Thr Ala Leu Asn Glu Pro Thr Ile Gly Tyr
1 5 10

<210> 10745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10745
Leu Asn Glu Pro Thr Ile Gly Tyr Gly Phe
1 5 10

<210> 10746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10746
Gly Leu Leu Leu Trp Gln Ser Trp Val
1 5

<210> 10747
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10747
Leu Leu Trp Gln Ser Trp Val Glu Leu
1 5

<210> 10748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10748
Trp Gln Ser Trp Val Glu Leu Lys Lys
1 5

<210> 10749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10749
Leu Leu Leu Trp Gln Ser Trp Val Glu Leu
1 5 10

<210> 10750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10750
Leu Leu Trp Gln Ser Trp Val Glu Leu Lys

1 5 10

<210> 10751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10751
Trp Gln Ser Trp Val Glu Leu Lys Lys Met
1 5 10

<210> 10752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10752
Lys Met His Pro Lys Glu Thr Ser Ser
1 5

<210> 10753
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10753
Lys Met His Pro Lys Glu Thr Ser Ser Val
1 5 10

<210> 10754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10754
Asn Gly Arg Ser Arg Trp Asn Thr Phe
1 5

<210> 10755

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10755
Asn Pro Leu Pro Asn Gly Arg Ser Arg Trp
1 5 10

<210> 10756
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10756
Leu Leu Lys Arg Asp Pro Gly Asn Glu Val
1 5 10

<210> 10757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10757
Ser Met Asn Gln Val Lys Leu Leu Lys Arg
1 5 10

<210> 10758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10758
Lys Ala Met Ser Arg Phe Cys Glu Ala
1 5

<210> 10759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10759
Val Trp Glu Lys Ala Met Ser Arg Phe
1 5

<210> 10760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10760
Leu Val Trp Glu Lys Ala Met Ser Arg
1 5

<210> 10761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10761
Ala Lys Leu Val Trp Glu Lys Ala Met
1 5

<210> 10762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10762
Trp Glu Lys Ala Met Ser Arg Phe Cys
1 5

<210> 10763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10763
Lys Leu Val Trp Glu Lys Ala Met Ser Arg
1 5 10

<210> 10764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10764
Leu Val Trp Glu Lys Ala Met Ser Arg Phe
1 5 10

<210> 10765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10765
Cys Ala Lys Leu Val Trp Glu Lys Ala Met
1 5 10

<210> 10766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10766
His Leu Leu Thr Phe Cys Cys Tyr Leu
1 5

<210> 10767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10767
Leu Thr Phe Cys Cys Tyr Leu Glu Leu
1 5

<210> 10768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10768
Ser Leu Ala Leu His Leu Leu Thr Phe
1 5

<210> 10769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10769
Thr Phe Cys Cys Tyr Leu Glu Leu Arg
1 5

<210> 10770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10770
Leu His Leu Leu Thr Phe Cys Cys Tyr
1 5

<210> 10771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10771
Leu Leu Thr Phe Cys Cys Tyr Leu Glu Leu
1 5 10

<210> 10772
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10772
Ser Leu Ala Leu His Leu Leu Thr Phe Cys
1 5 10

<210> 10773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10773
Leu Thr Phe Cys Cys Tyr Leu Glu Leu Arg
1 5 10

<210> 10774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10774
Leu Ser Leu Ala Leu His Leu Leu Thr Phe
1 5 10

<210> 10775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10775
Ala Leu His Leu Leu Thr Phe Cys Cys Tyr
1 5 10

<210> 10776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10776
Leu Ser Phe Leu Leu Val Trp Asp Tyr
1 5

<210> 10777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10777
Leu Leu Val Trp Asp Tyr Ile Gly Ile
1 5

<210> 10778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10778
Ser Phe Leu Leu Val Trp Asp Tyr Ile
1 5

<210> 10779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10779
Trp Asp Tyr Ile Gly Ile Asn Met Ala
1 5

<210> 10780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10780
Phe Leu Leu Val Trp Asp Tyr Ile Gly Ile
1 5 10

<210> 10781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10781
Leu Leu Ser Phe Leu Leu Val Trp Asp Tyr
1 5 10

<210> 10782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10782
Cys Glu Leu Leu Ser Phe Leu Leu Val Trp
1 5 10

<210> 10783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10783
Leu Val Trp Asp Tyr Ile Gly Ile Asn Met
1 5 10

<210> 10784
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10784
Gln Leu Gln Glu Lys Thr Ile His Tyr
1 5

<210> 10785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10785
Gln Leu Gln Glu Lys Thr Ile His Tyr Arg
1 5 10

<210> 10786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10786
Asn Gln Leu Gln Glu Lys Thr Ile His Tyr
1 5 10

<210> 10787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10787
Gln Leu Val Ala Val Gly Val Ile Lys
1 5

<210> 10788
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10788
Ala Val Arg Asp Met Arg Gln Leu Val
1 5

<210> 10789
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10789
Phe Ala Val Arg Asp Met Arg Gln Leu
1 5

<210> 10790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10790
Arg Asp Met Arg Gln Leu Val Ala Val
1 5

<210> 10791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10791
Arg Gln Leu Val Ala Val Gly Val Ile
1 5

<210> 10792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10792
Gln Leu Val Ala Val Gly Val Ile Lys Ala
1 5 10

<210> 10793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10793
Leu Val Ala Val Gly Val Ile Lys Ala Val
1 5 10

<210> 10794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10794
Ala Val Arg Asp Met Arg Gln Leu Val Ala
1 5 10

<210> 10795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10795
Arg Gln Leu Val Ala Val Gly Val Ile Lys
1 5 10

<210> 10796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10796
Phe Ala Val Arg Asp Met Arg Gln Leu Val
1 5 10

<210> 10797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10797

Glu Ser Phe Ser Gln Ser Pro Pro Leu
1 5

<210> 10798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10798
Ser Pro Pro Leu Gly Arg Phe Ala Val
1 5

<210> 10799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10799
Ser Gln Ser Pro Pro Leu Gly Arg Phe
1 5

<210> 10800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10800
Ser Phe Ser Gln Ser Pro Pro Leu Gly Arg
1 5 10

<210> 10801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10801
Val Glu Ser Phe Ser Gln Ser Pro Pro Leu
1 5 10

<210> 10802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10802
Phe Ser Gln Ser Pro Pro Leu Gly Arg Phe
1 5 10

<210> 10803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10803
Ser Gln Ser Pro Pro Leu Gly Arg Phe Ala
1 5 10

<210> 10804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10804
Glu Ala Val Ser Gly Pro Pro Pro Ala
1 5

<210> 10805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10805
Phe Glu Ala Val Ser Gly Pro Pro Pro
1 5

<210> 10806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10806
Phe Glu Ala Val Ser Gly Pro Pro Pro Ala
1 5 10

<210> 10807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10807
Met Met Leu Ala Arg Glu Ala Lys Met
1 5

<210> 10808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10808
Met Leu Ala Arg Glu Ala Lys Met Leu
1 5

<210> 10809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10809
Tyr Met Met Leu Ala Arg Glu Ala Lys
1 5

<210> 10810
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10810
Ala Lys Met Leu Phe Thr Gly Gly Tyr
1 5

<210> 10811
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10811
Leu Ala Arg Glu Ala Lys Met Leu Phe
1 5

<210> 10812
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10812
Arg Glu Ala Lys Met Leu Phe Thr Gly
1 5

<210> 10813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10813
Tyr Met Met Leu Ala Arg Glu Ala Lys Met
1 5 10

<210> 10814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10814
Met Met Leu Ala Arg Glu Ala Lys Met Leu

1 5 10

<210> 10815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10815
Lys Met Leu Phe Thr Gly Gly Tyr Gly Leu
1 5 10

<210> 10816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10816
Met Leu Ala Arg Glu Ala Lys Met Leu Phe
1 5 10

<210> 10817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10817
Arg Tyr Met Met Leu Ala Arg Glu Ala Lys
1 5 10

<210> 10818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10818
Glu Ala Lys Met Leu Phe Thr Gly Gly Tyr
1 5 10

<210> 10819

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10819
Arg Glu Ala Lys Met Leu Phe Thr Gly Gly
1 5 10

<210> 10820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10820
Arg Phe Gln Ala Arg Ser Gln Gln Leu
1 5

<210> 10821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10821
Arg Ser Gln Gln Leu Glu Gln Lys Leu
1 5

<210> 10822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10822
Ser Gln Gln Leu Glu Gln Lys Leu Leu
1 5

<210> 10823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10823
Gln Ala Arg Ser Gln Gln Leu Glu Gln Lys
1 5 10

<210> 10824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10824
Glu Arg Phe Gln Ala Arg Ser Gln Gln Leu
1 5 10

<210> 10825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10825
Phe Gln Ala Arg Ser Gln Gln Leu Glu Gln
1 5 10

<210> 10826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10826
Arg Ser Gln Gln Leu Glu Gln Lys Leu Leu
1 5 10

<210> 10827
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10827
Ser Ser Lys Gly Pro Leu Thr Lys Lys
1 5

<210> 10828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10828
Gly Pro Leu Thr Lys Lys Asn Ser Ile
1 5

<210> 10829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10829
Val Ser Ser Lys Gly Pro Leu Thr Lys Lys
1 5 10

<210> 10830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10830
Leu Thr Lys Lys Asn Ser Ile Asn Ser Arg
1 5 10

<210> 10831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10831
Ser Leu Thr Lys Gly Glu Leu Thr His Leu
1 5 10

<210> 10832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10832
Cys Val Lys Thr Cys Ser Ala Gly Val
1 5

<210> 10833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10833
Val Lys Thr Cys Ser Ala Gly Val Met
1 5

<210> 10834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10834
Cys Val Lys Thr Cys Ser Ala Gly Val Met
1 5 10

<210> 10835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10835
Cys Val Lys Thr Cys Leu Ala Gly Val
1 5

<210> 10836
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10836
Gly Pro His Cys Val Lys Thr Cys Leu
1 5

<210> 10837
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10837
Val Lys Thr Cys Leu Ala Gly Val Met
1 5

<210> 10838
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10838
Cys Val Lys Thr Cys Pro Ala Ala Val
1 5

<210> 10839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10839
Val Lys Thr Cys Pro Ala Ala Val Met
1 5

<210> 10840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10840
Ala Val Met Gly Glu Asn Asn Thr Leu
1 5

<210> 10841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10841
Ala Val Met Gly Glu Asn Asn Thr Leu Val
1 5 10

<210> 10842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10842
Cys Val Lys Thr Cys Pro Ala Ala Val Met
1 5 10

<210> 10843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10843
Ala Ala Val Met Gly Glu Asn Asn Thr Leu
1 5 10

<210> 10844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10844
Cys Val Lys Thr Cys Pro Ala Val Val
1 5

<210> 10845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10845
Val Lys Thr Cys Pro Ala Val Val Met
1 5

<210> 10846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10846
Val Val Met Gly Glu Asn Asn Thr Leu Val
1 5 10

<210> 10847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10847
Cys Val Lys Thr Cys Pro Ala Val Val Met
1 5 10

<210> 10848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10848
Met Phe Asn Asn Cys Glu Val Val Arg
1 5

<210> 10849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10849
Glu Val Val Arg Gly Asn Leu Glu Ile
1 5

<210> 10850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10850
Val Arg Gly Asn Leu Glu Ile Thr Tyr
1 5

<210> 10851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10851
Arg Met Phe Asn Asn Cys Glu Val Val Arg
1 5 10

<210> 10852
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10852
Val Val Arg Gly Asn Leu Glu Ile Thr Tyr
1 5 10

<210> 10853
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10853
Cys Glu Val Val Arg Gly Asn Leu Glu Ile
1 5 10

<210> 10854
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10854
Arg Ile Leu Lys Lys Thr Glu Phe Lys
1 5

<210> 10855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10855
Ile Leu Lys Lys Thr Glu Phe Lys Lys
1 5

<210> 10856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10856
Gln Ala Leu Leu Arg Ile Leu Lys Lys
1 5

<210> 10857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10857
Leu Arg Ile Leu Lys Lys Thr Glu Phe
1 5

<210> 10858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10858
Arg Ile Leu Lys Lys Thr Glu Phe Lys Lys
1 5 10

<210> 10859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10859
Asn Gln Ala Leu Leu Arg Ile Leu Lys Lys
1 5 10

<210> 10860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10860
Leu Leu Arg Ile Leu Lys Lys Thr Glu Phe
1 5 10

<210> 10861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10861

Ala Ser Gly Ala Phe Gly Thr Val Tyr
1 5

<210> 10862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10862
Val Leu Ala Ser Gly Ala Phe Gly Thr
1 5

<210> 10863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10863
Leu Ala Ser Gly Ala Phe Gly Thr Val
1 5

<210> 10864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10864
Lys Ile Lys Val Leu Ala Ser Gly Ala
1 5

<210> 10865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10865
Lys Val Leu Ala Ser Gly Ala Phe Gly
1 5

<210> 10866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10866
Ile Lys Val Leu Ala Ser Gly Ala Phe
1 5

<210> 10867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10867
Lys Lys Ile Lys Val Leu Ala Ser Gly
1 5

<210> 10868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10868
Val Leu Ala Ser Gly Ala Phe Gly Thr Val
1 5 10

<210> 10869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10869
Ala Ser Gly Ala Phe Gly Thr Val Tyr Lys
1 5 10

<210> 10870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10870
Lys Ile Lys Val Leu Ala Ser Gly Ala Phe
1 5 10

<210> 10871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10871
Leu Ala Ser Gly Ala Phe Gly Thr Val Tyr
1 5 10

<210> 10872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10872
Lys Lys Ile Lys Val Leu Ala Ser Gly Ala
1 5 10

<210> 10873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10873
Thr Glu Phe Lys Lys Ile Lys Val Leu Ala
1 5 10

<210> 10874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10874
Ala Ile Lys Thr Ser Pro Lys Ala Asn Lys
1 5 10

<210> 10875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10875
Lys Val Lys Ile Pro Val Ala Ile Lys Thr
1 5 10

<210> 10876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10876
Lys Thr Ser Pro Lys Ala Asn Lys Glu Ile
1 5 10

<210> 10877
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10877
Met Ala Ile Val Asp Asn Pro His Val
1 5

<210> 10878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10878
Val Met Ala Ile Val Asp Asn Pro His

1 5

<210> 10879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10879
Asp Glu Ala Tyr Val Met Ala Ile Val
1 5

<210> 10880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10880
Leu Asp Glu Ala Tyr Val Met Ala Ile
1 5

<210> 10881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10881
Ile Leu Asp Glu Ala Tyr Val Met Ala Ile
1 5 10

<210> 10882
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10882
Val Met Ala Ile Val Asp Asn Pro His Val
1 5 10

<210> 10883

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10883
Ala Ile Val Asp Asn Pro His Val Cys Arg
1 5 10

<210> 10884
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10884
Tyr Val Met Ala Ile Val Asp Asn Pro His
1 5 10

<210> 10885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10885
Asp Glu Ala Tyr Val Met Ala Ile Val Asp
1 5 10

<210> 10886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10886
Arg Leu Val His Arg Asp Met Ala Ala
1 5

<210> 10887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10887
Asp Met Ala Ala Arg Asn Val Leu Val
1 5

<210> 10888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10888
Met Ala Ala Arg Asn Val Leu Val Lys
1 5

<210> 10889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10889
Leu Val His Arg Asp Met Ala Ala Arg
1 5

<210> 10890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10890
Arg Asp Met Ala Ala Arg Asn Val Leu
1 5

<210> 10891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10891
Arg Leu Val His Arg Asp Met Ala Ala Arg
1 5 10

<210> 10892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10892
Asp Met Ala Ala Arg Asn Val Leu Val Lys
1 5 10

<210> 10893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10893
His Arg Asp Met Ala Ala Arg Asn Val Leu
1 5 10

<210> 10894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10894
Arg Asp Met Ala Ala Arg Asn Val Leu Val
1 5 10

<210> 10895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10895
Lys Ile Thr Asp Phe Gly Arg Ala Lys
1 5

<210> 10896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10896
His Val Lys Ile Thr Asp Phe Gly Arg
1 5

<210> 10897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10897
Phe Gly Arg Ala Lys Leu Leu Gly Ala
1 5

<210> 10898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10898
His Val Lys Ile Thr Asp Phe Gly Arg Ala
1 5 10

<210> 10899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10899
Arg Ala Lys Leu Leu Gly Ala Glu Glu Lys
1 5 10

<210> 10900
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10900
Leu Ala Lys Gln Leu Gly Ala Glu Glu Lys
1 5 10

<210> 10901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10901
Lys Gln Leu Gly Ala Glu Glu Lys Glu Tyr
1 5 10

<210> 10902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10902
Gln Ile Ile Lys Gly Asn Met Tyr Tyr
1 5

<210> 10903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10903
Leu Gln Ile Ile Lys Gly Asn Met Tyr
1 5

<210> 10904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10904
Leu Gln Ile Ile Lys Gly Asn Met Tyr Tyr
1 5 10

<210> 10905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10905
Lys Gly Asn Met Tyr Tyr Glu Asn Ser Tyr
1 5 10

<210> 10906
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10906
Arg Glu Ser Asp Cys Leu Val Cys Cys
1 5

<210> 10907
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10907
Tyr Ser Phe Gly Thr Thr Cys Val Lys
1 5

<210> 10908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10908
Thr Thr Cys Val Lys Lys Cys Pro Arg
1 5

<210> 10909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10909
Gly Lys Tyr Ser Phe Gly Thr Thr Cys
1 5

<210> 10910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10910
Tyr Ser Phe Gly Thr Thr Cys Val Lys Lys
1 5 10

<210> 10911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10911
Lys Tyr Ser Phe Gly Thr Thr Cys Val Lys
1 5 10

<210> 10912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10912
Gly Thr Thr Cys Val Lys Lys Cys Pro Arg
1 5 10

<210> 10913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10913
Gly Lys Tyr Ser Phe Gly Thr Thr Cys Val
1 5 10

<210> 10914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10914
Tyr Ser Phe Gly Asp Thr Cys Val Lys
1 5

<210> 10915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10915
Asp Thr Cys Val Lys Lys Cys Pro Arg
1 5

<210> 10916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10916
Gly Lys Tyr Ser Phe Gly Asp Thr Cys
1 5

<210> 10917
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10917
Tyr Ser Phe Gly Asp Thr Cys Val Lys Lys
1 5 10

<210> 10918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10918
Lys Tyr Ser Phe Gly Asp Thr Cys Val Lys
1 5 10

<210> 10919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10919
Gly Lys Tyr Ser Phe Gly Asp Thr Cys Val
1 5 10

<210> 10920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10920
Tyr Ser Phe Gly Val Thr Cys Val Lys
1 5

<210> 10921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10921
Lys Tyr Ser Phe Gly Val Thr Cys Val
1 5

<210> 10922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10922
Val Thr Cys Val Lys Lys Cys Pro Arg
1 5

<210> 10923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10923
Gly Lys Tyr Ser Phe Gly Val Thr Cys
1 5

<210> 10924
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10924
Tyr Ser Phe Gly Val Thr Cys Val Lys Lys
1 5 10

<210> 10925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10925

Lys Tyr Ser Phe Gly Val Thr Cys Val Lys
1 5 10

<210> 10926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10926
Gly Val Thr Cys Val Lys Lys Cys Pro Arg
1 5 10

<210> 10927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10927
Gly Lys Tyr Ser Phe Gly Val Thr Cys Val
1 5 10

<210> 10928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10928
Val Val Thr Asp Tyr Gly Ser Cys Val
1 5

<210> 10929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10929
Tyr Val Val Thr Asp Tyr Gly Ser Cys Val
1 5 10

<210> 10930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10930
Val Val Thr Asp Tyr Gly Ser Cys Val Arg
1 5 10

<210> 10931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10931
Cys Pro Arg Asn Tyr Val Val Thr Asp Tyr
1 5 10

<210> 10932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10932
Ala Ala Lys Ala Glu Met His Leu Met
1 5

<210> 10933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10933
Ala Glu Met His Leu Met Ser Pro Leu
1 5

<210> 10934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10934
Met His Leu Met Ser Pro Leu Gln Ile
1 5

<210> 10935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10935
Met Ala Ala Ala Lys Ala Glu Met His Leu
1 5 10

<210> 10936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10936
Ala Ala Ala Lys Ala Glu Met His Leu Met
1 5 10

<210> 10937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10937
Lys Ala Glu Met His Leu Met Ser Pro Leu
1 5 10

<210> 10938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 10938
Glu Met His Leu Met Ser Pro Leu Gln Ile
1 5 10

<210> 10939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10939
Ala Glu Met His Leu Met Ser Pro Leu Gln
1 5 10

<210> 10940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10940
Leu Thr Leu Ala Gln Trp Ser Pro Val
1 5

<210> 10941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10941
Thr Leu Ala Gln Trp Ser Pro Val Ile
1 5

<210> 10942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10942
Ala Gln Trp Ser Pro Val Ile Ala Ala

1 5

<210> 10943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10943
Lys Gln Thr Lys Val Leu Trp Pro Leu
1 5

<210> 10944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10944
Val Ile Ala Ala Ser Pro Ala Pro Thr
1 5

<210> 10945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10945
Ala Met Asn Ala Arg Gly Ile Pro Arg
1 5

<210> 10946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10946
Arg Leu Leu Pro Leu Thr Arg Pro Arg
1 5

<210> 10947

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10947
Arg Leu Leu Pro Leu Ile His Pro Arg
1 5

<210> 10948
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10948
Ala Thr Ser Ala Ser Thr Gln Ala Arg
1 5

<210> 10949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10949
Ser Thr Cys Gly Arg Arg Thr Arg Lys
1 5

<210> 10950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10950
Cys Thr Val Ala Ser Pro Pro Arg Arg
1 5

<210> 10951
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10951
Leu Trp Pro Leu Arg Pro Pro Pro Leu
1 5

<210> 10952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10952
Ser Thr Gln Ala Arg Ser Pro Ser Ser
1 5

<210> 10953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10953
Gln Ala Arg Ser Pro Ser Ser Ala Ala
1 5

<210> 10954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10954
Arg Ser Pro Ser Ser Ala Ala Ser Ala
1 5

<210> 10955
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10955
Ala Ser Ala Cys Ala Thr Ser Ala Ala
1 5

<210> 10956
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10956
Lys Ser Pro Ser Pro Ala Thr Ser Val
1 5

<210> 10957
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10957
Arg Ser Thr Cys Gly Arg Arg Thr Arg
1 5

<210> 10958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10958
Arg Thr Arg Lys Gln Thr Lys Val Leu
1 5

<210> 10959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10959
Gln Thr Lys Val Leu Trp Pro Leu Arg
1 5

<210> 10960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10960
Pro Thr Arg Pro Arg Leu Leu Pro Leu
1 5

<210> 10961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10961
Arg Pro Arg Leu Leu Pro Leu Thr Arg
1 5

<210> 10962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10962
Leu Thr Arg Pro Arg Leu Leu Pro Leu
1 5

<210> 10963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10963
Leu Ile His Pro Arg Pro Pro Pro His
1 5

<210> 10964
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10964
Ser Leu Pro Gly Ala Met Asn Ala Arg
1 5

<210> 10965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10965
Glu Ser Leu Pro Gly Ala Met Asn Ala
1 5

<210> 10966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10966
Ser Pro Val Ile Ala Ala Ser Pro Ala
1 5

<210> 10967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10967
Ser Pro Ala Pro Thr Ser Ser Pro Ala
1 5

<210> 10968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10968
Arg Pro Pro Pro Leu Ser Leu Pro Thr
1 5

<210> 10969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10969
Leu Pro Leu Thr Arg Pro Arg Leu Leu
1 5

<210> 10970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10970
Arg Pro Arg Leu Leu Pro Leu Ile His
1 5

<210> 10971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10971
His Pro Arg Pro Pro Pro His Thr His
1 5

<210> 10972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10972
Arg Pro Pro Pro His Thr His Pro Leu
1 5

<210> 10973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10973
Ser Pro Leu Pro Ala Pro Arg Pro Thr
1 5

<210> 10974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10974
Ala Pro Arg Pro Thr His Pro Leu Cys
1 5

<210> 10975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10975
Arg Pro Thr His Pro Leu Cys Thr Val
1 5

<210> 10976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10976
Ser Leu Pro Thr Arg Pro Arg Leu Leu
1 5

<210> 10977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10977
Ser Lys Thr Pro Pro Thr Asn Ala Leu
1 5

<210> 10978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10978
Thr Gln Ala Arg Ser Pro Ser Ser Ala
1 5

<210> 10979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10979
Thr Gln Ala Lys Ser Pro Ser Pro Ala
1 5

<210> 10980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10980
Val Glu Glu Ser Leu Pro Gly Ala Met
1 5

<210> 10981
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10981
Leu Ser Leu Pro Thr Arg Pro Arg Leu
1 5

<210> 10982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10982
Cys Pro Pro Pro Ser Pro Leu Pro Ala
1 5

<210> 10983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10983
Ala Leu Thr Leu Ala Gln Trp Ser Pro Val
1 5 10

<210> 10984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10984
Thr Leu Ala Gln Trp Ser Pro Val Ile Ala
1 5 10

<210> 10985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10985
Val Leu Trp Pro Leu Arg Pro Pro Pro Leu
1 5 10

<210> 10986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10986
Arg Leu Leu Pro Leu Thr Arg Pro Arg Leu
1 5 10

<210> 10987
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10987
Gly Ala Met Asn Ala Arg Gly Ile Pro Arg
1 5 10

<210> 10988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10988
Arg Ser Thr Cys Gly Arg Arg Thr Arg Lys
1 5 10

<210> 10989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10989

Lys Thr Pro Pro Thr Asn Ala Leu Thr Leu
1 5 10

<210> 10990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10990
Ser Thr Gln Ala Arg Ser Pro Ser Ser Ala
1 5 10

<210> 10991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10991
Ala Ser Ala Cys Ala Thr Ser Ala Ala Ala
1 5 10

<210> 10992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10992
Arg Gly Ile Pro Arg Ser Thr Cys Gly Arg
1 5 10

<210> 10993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 10993
Cys Gly Arg Arg Thr Arg Lys Gln Thr Lys
1 5 10

<210> 10994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10994
Arg Thr Arg Lys Gln Thr Lys Val Leu Trp
1 5 10

<210> 10995
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10995
Lys Gln Thr Lys Val Leu Trp Pro Leu Arg
1 5 10

<210> 10996
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10996
Lys Val Leu Trp Pro Leu Arg Pro Pro Pro
1 5 10

<210> 10997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10997
Leu Thr Arg Pro Arg Leu Leu Pro Leu Ile
1 5 10

<210> 10998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10998
His Thr His Pro Leu Cys Pro Pro Pro Ser
1 5 10

<210> 10999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 10999
Glu Ser Leu Pro Gly Ala Met Asn Ala Arg
1 5 10

<210> 11000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11000
Trp Ser Pro Val Ile Ala Ala Ser Pro Ala
1 5 10

<210> 11001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11001
Thr Thr Ser Pro Pro Thr Ser Ala Pro Thr
1 5 10

<210> 11002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11002
Arg Pro Ser Lys Thr Pro Pro Thr Asn Ala
1 5 10

<210> 11003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11003
Ser Pro Ala Pro Thr Ser Ser Pro Ala Thr
1 5 10

<210> 11004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11004
Ala Pro Thr Ser Ser Pro Ala Thr Ser Ala
1 5 10

<210> 11005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11005
Ser Pro Ala Thr Ser Ala Ser Thr Gln Ala
1 5 10

<210> 11006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11006
Ser Pro Ala Thr Ser Val Glu Glu Ser Leu

1 5 10

<210> 11007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11007
Leu Pro Gly Ala Met Asn Ala Arg Gly Ile
1 5 10

<210> 11008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11008
Trp Pro Leu Arg Pro Pro Pro Leu Ser Leu
1 5 10

<210> 11009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11009
Leu Pro Thr Arg Pro Arg Leu Leu Pro Leu
1 5 10

<210> 11010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11010
His Pro Leu Cys Pro Pro Pro Ser Pro Leu
1 5 10

<210> 11011

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11011
Leu Pro Ala Pro Arg Pro Thr His Pro Leu
1 5 10

<210> 11012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11012
Ala Pro Arg Pro Thr His Pro Leu Cys Thr
1 5 10

<210> 11013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11013
Arg Pro Thr His Pro Leu Cys Thr Val Ala
1 5 10

<210> 11014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11014
Leu Thr Leu Ala Gln Trp Ser Pro Val Ile
1 5 10

<210> 11015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11015
Ala Gln Trp Ser Pro Val Ile Ala Ala Ser
1 5 10

<210> 11016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11016
Thr Gln Ala Arg Ser Pro Ser Ser Ala Ala
1 5 10

<210> 11017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11017
Thr Gln Ala Lys Ser Pro Ser Pro Ala Thr
1 5 10

<210> 11018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11018
Ala Lys Ser Pro Ser Pro Ala Thr Ser Val
1 5 10

<210> 11019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11019
Arg Lys Gln Thr Lys Val Leu Trp Pro Leu
1 5 10

<210> 11020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11020
Leu Ser Leu Pro Thr Arg Pro Arg Leu Leu
1 5 10

<210> 11021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11021
Glu Glu Ser Leu Pro Gly Ala Met Asn Ala
1 5 10

<210> 11022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11022
Arg Arg Phe Ser Arg Ser Asp Lys Leu
1 5

<210> 11023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11023
Arg Ile Cys Met His Asn Phe Ser Arg
1 5

<210> 11024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11024
His Asn Phe Ser Arg Ser Asp His Leu
1 5

<210> 11025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11025
Phe Gln Cys Arg Ile Cys Met His Asn Phe
1 5 10

<210> 11026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11026
Cys Met His Asn Phe Ser Arg Ser Asp His
1 5 10

<210> 11027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11027
Met His Asn Phe Ser Arg Ser Asp His Leu
1 5 10

<210> 11028
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11028
Arg Asn Phe Ser Arg Ser Asp Asn Leu
1 5

<210> 11029
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11029
Arg Ser Asp Asn Leu Thr Thr His Ile
1 5

<210> 11030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11030
Met Arg Asn Phe Ser Arg Ser Asp Asn Leu
1 5 10

<210> 11031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11031
Phe Ser Arg Ser Asp Asn Leu Thr Thr His
1 5 10

<210> 11032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11032
Ser Arg Ser Asp Asn Leu Thr Thr His Ile
1 5 10

<210> 11033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11033
His Tyr Arg Phe His Lys Phe His Ser
1 5

<210> 11034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11034
Arg Phe His Lys Phe His Ser Pro Ala
1 5

<210> 11035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11035
Phe His Lys Phe His Ser Pro Ala Leu
1 5

<210> 11036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11036
Glu Glu His Tyr Arg Phe His Lys Phe
1 5

<210> 11037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11037
Tyr Arg Phe His Lys Phe His Ser Pro
1 5

<210> 11038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11038
Arg Phe His Lys Phe His Ser Pro Ala Leu
1 5 10

<210> 11039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11039
Tyr Arg Phe His Lys Phe His Ser Pro Ala
1 5 10

<210> 11040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11040
Leu Glu Glu His Tyr Arg Phe His Lys Phe
1 5 10

<210> 11041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11041
Glu Glu His Tyr Arg Phe His Lys Phe His
1 5 10

<210> 11042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11042
Ala Ser His Gly Asn Pro Pro Leu Lys
1 5

<210> 11043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11043
Leu Ala Ser His Gly Asn Pro Pro Leu
1 5

<210> 11044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11044
Lys Leu Ala Ser His Gly Asn Pro Pro Leu
1 5 10

<210> 11045
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11045
Leu Ala Ser His Gly Asn Pro Pro Leu Lys
1 5 10

<210> 11046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11046
Lys Gly Asp Lys Asn Arg Arg Arg Gly Lys
1 5 10

<210> 11047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11047
Trp Leu Ala Ile Val Ser Trp Gln Met
1 5

<210> 11048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11048
Trp Gln Met Leu His Glu Ala Leu Val
1 5

<210> 11049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11049
Ala Ile Val Ser Trp Gln Met Leu His
1 5

<210> 11050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11050
Ser Trp Gln Met Leu His Glu Ala Leu
1 5

<210> 11051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11051
Leu Ala Ile Val Ser Trp Gln Met Leu
1 5

<210> 11052
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11052
Trp Leu Ala Ile Val Ser Trp Gln Met Leu
1 5 10

<210> 11053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11053

Ile Val Ser Trp Gln Met Leu His Glu Ala
1 5 10

<210> 11054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11054
Lys Trp Leu Ala Ile Val Ser Trp Gln Met
1 5 10

<210> 11055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11055
Ser Trp Gln Met Leu His Glu Ala Leu Val
1 5 10

<210> 11056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11056
Val Ser Trp Gln Met Leu His Glu Ala Leu
1 5 10

<210> 11057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11057
Trp Gln Met Leu His Glu Ala Leu Val Ser
1 5 10

<210> 11058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11058
Ala Ala Ala Gly Gly Asp Ser Asp Ser Trp
1 5 10

<210> 11059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11059
Gln Thr His Ser Pro Phe Phe Gln Arg
1 5

<210> 11060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11060
Ser Gln Pro Gln Thr His Ser Pro Phe
1 5

<210> 11061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11061
Gln Pro Gln Thr His Ser Pro Phe Phe
1 5

<210> 11062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11062
Ser Gln Pro Gln Thr His Ser Pro Phe Phe
1 5 10

<210> 11063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11063
Asn Ser Gln Pro Gln Thr His Ser Pro Phe
1 5 10

<210> 11064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11064
Met Thr Ile Asp Gly Met Thr Ser Phe
1 5

<210> 11065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11065
Thr Ile Asp Gly Met Thr Ser Phe Ala
1 5

<210> 11066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11066
Asp Gly Met Thr Ser Phe Ala Gly Ile
1 5

<210> 11067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11067
Met Thr Ser Phe Ala Gly Ile Asn Ile
1 5

<210> 11068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11068
Met Thr Ile Asp Gly Met Thr Ser Phe Ala
1 5 10

<210> 11069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11069
Gly Met Thr Ser Phe Ala Gly Ile Asn Ile
1 5 10

<210> 11070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11070
Pro Met Thr Ile Asp Gly Met Thr Ser Phe

1 5 10

<210> 11071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11071
Gly Val Phe Lys Phe Cys Ala Pro Arg
1 5

<210> 11072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11072
Arg Leu Trp Pro Asn Tyr Gly Ala Lys
1 5

<210> 11073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11073
Val Phe Lys Phe Cys Ala Pro Arg Leu
1 5

<210> 11074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11074
Cys Ala Pro Arg Leu Trp Pro Asn Tyr
1 5

<210> 11075

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11075
Tyr Gly Ala Lys Arg Lys Arg Thr Ala
1 5

<210> 11076
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11076
Phe Lys Phe Cys Ala Pro Arg Leu Trp
1 5

<210> 11077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11077
His Glu Gly Val Phe Lys Phe Cys Ala
1 5

<210> 11078
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11078
Arg Leu Trp Pro Asn Tyr Gly Ala Lys Arg
1 5 10

<210> 11079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11079
Val Phe Lys Phe Cys Ala Pro Arg Leu Trp
1 5 10

<210> 11080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11080
Phe Cys Ala Pro Arg Leu Trp Pro Asn Tyr
1 5 10

<210> 11081
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11081
Glu Gly Val Phe Lys Phe Cys Ala Pro Arg
1 5 10

<210> 11082
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11082
Ala Pro Arg Leu Trp Pro Asn Tyr Gly Ala
1 5 10

<210> 11083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11083
Gly Val Phe Lys Phe Cys Ala Pro Arg Leu
1 5 10

<210> 11084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11084
Gly Leu Ala Leu Thr Leu Gln Thr Ile
1 5

<210> 11085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11085
Gly Val Ala Pro Val Gly Ser Gly Leu
1 5

<210> 11086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11086
Ala Pro Val Gly Ser Gly Leu Ala Leu
1 5

<210> 11087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11087
Val Gly Ser Gly Leu Ala Leu Thr Leu
1 5

<210> 11088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11088
Gly Val Ala Pro Val Gly Ser Gly Leu Ala
1 5 10

<210> 11089
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11089
Leu Gly Val Ala Pro Val Gly Ser Gly Leu
1 5 10

<210> 11090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11090
Ser Gly Leu Ala Leu Thr Leu Gln Thr Ile
1 5 10

<210> 11091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11091
Leu Ala Leu Thr Leu Gln Thr Ile Pro Leu
1 5 10

<210> 11092
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11092
Lys Leu Trp Asn Leu Leu Met Pro Met
1 5

<210> 11093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11093
Leu Trp Asn Leu Leu Met Pro Met Lys
1 5

<210> 11094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11094
Met Pro Met Lys Lys Leu Asn Ala Arg
1 5

<210> 11095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11095
Leu Leu Met Pro Met Lys Lys Leu Asn Ala
1 5 10

<210> 11096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11096
Lys Leu Trp Asn Leu Leu Met Pro Met Lys
1 5 10

<210> 11097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11097
Leu Trp Asn Leu Leu Met Pro Met Lys Lys
1 5 10

<210> 11098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11098
Met Lys Lys Leu Asn Ala Arg Ile Ser Lys
1 5 10

<210> 11099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11099
Leu Met Pro Met Lys Lys Leu Asn Ala Arg
1 5 10

<210> 11100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11100
Met Pro Met Lys Lys Leu Asn Ala Arg Ile
1 5 10

<210> 11101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11101
Met Lys Leu Trp Asn Leu Leu Met Pro Met
1 5 10

<210> 11102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11102
Gln Pro His Leu Ser Leu Asp Ser Ala His
1 5 10

<210> 11103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11103
Ser Tyr Pro Pro Gly Gly Phe Ser Leu
1 5

<210> 11104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11104
Tyr Pro Pro Gly Gly Phe Ser Leu Tyr
1 5

<210> 11105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11105
Ala Ala Ser Tyr Pro Pro Gly Gly Phe
1 5

<210> 11106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11106
Ser Tyr Pro Pro Gly Gly Phe Ser Leu Tyr
1 5 10

<210> 11107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11107
Ala Ser Tyr Pro Pro Gly Gly Phe Ser Leu
1 5 10

<210> 11108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11108
Gly Ala Ala Ser Tyr Pro Pro Gly Gly Phe
1 5 10

<210> 11109
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11109
Ser Ile Val Phe Trp Asp Trp Lys Arg
1 5

<210> 11110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11110
Trp Asp Trp Lys Arg Gly Glu Lys Ile
1 5

<210> 11111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11111
His Ser Ile Val Phe Trp Asp Trp Lys Arg
1 5 10

<210> 11112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11112
Val Phe Trp Asp Trp Lys Arg Gly Glu Lys
1 5 10

<210> 11113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11113
Ser Val Leu Asn Glu His Phe Phe Lys
1 5

<210> 11114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11114
Met Glu Ser Val Leu Asn Glu His Phe
1 5

<210> 11115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11115
Glu Ser Val Leu Asn Glu His Phe Phe Lys
1 5 10

<210> 11116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11116
His Phe Phe Lys Asp His Gln Ala Pro Leu
1 5 10

<210> 11117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11117

Gly Met Glu Ser Val Leu Asn Glu His Phe
1 5 10

<210> 11118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11118
Met Glu Ser Val Leu Asn Glu His Phe Phe
1 5 10

<210> 11119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11119
Asn Glu His Phe Phe Lys Asp His Gln Ala
1 5 10

<210> 11120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11120
Ser Ile Gln Asn His Asn Thr Tyr Leu
1 5

<210> 11121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11121
Arg Ser Ile Gln Asn His Asn Thr Tyr
1 5

<210> 11122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11122
Ile Gln Asn His Asn Thr Tyr Leu His
1 5

<210> 11123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11123
Gln Asn His Asn Thr Tyr Leu His Leu
1 5

<210> 11124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11124
Arg Ser Ile Gln Asn His Asn Thr Tyr Leu
1 5 10

<210> 11125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11125
Ile Gln Asn His Asn Thr Tyr Leu His Leu
1 5 10

<210> 11126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11126
Cys Arg Ser Ile Gln Asn His Asn Thr Tyr
1 5 10

<210> 11127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11127
Thr Leu Leu Lys Val Ser Cys Gly Lys
1 5

<210> 11128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11128
Asp Ile Asn Glu Cys Ala Thr Leu Leu
1 5

<210> 11129
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11129
Leu Leu Lys Val Ser Cys Gly Lys Phe
1 5

<210> 11130
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11130
Asn Glu Cys Ala Thr Leu Leu Lys Val
1 5

<210> 11131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11131
Ala Thr Leu Leu Lys Val Ser Cys Gly Lys
1 5 10

<210> 11132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11132
Asp Ile Asn Glu Cys Ala Thr Leu Leu Lys
1 5 10

<210> 11133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11133
Thr Leu Leu Lys Val Ser Cys Gly Lys Phe
1 5 10

<210> 11134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11134
Val Ile Ser Arg Leu Asp Ser Pro Arg

1 5

<210> 11135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11135
Ile Ser Arg Leu Asp Ser Pro Arg Lys
1 5

<210> 11136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11136
Ser Lys Ser Pro Val Ile Ser Arg Leu
1 5

<210> 11137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11137
Val Ile Ser Arg Leu Asp Ser Pro Arg Lys
1 5 10

<210> 11138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11138
Gly Ser Lys Ser Pro Val Ile Ser Arg Leu
1 5 10

<210> 11139

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11139
Pro Val Ile Ser Arg Leu Asp Ser Pro Arg
1 5 10

<210> 11140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11140
Gln Val Ala His Pro Gly Asn Pro Val
1 5

<210> 11141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11141
Val Ala His Pro Gly Asn Pro Val Tyr
1 5

<210> 11142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11142
Lys Gln Val Ala His Pro Gly Asn Pro Val
1 5 10

<210> 11143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11143
Gln Val Ala His Pro Gly Asn Pro Val Tyr
1 5 10

<210> 11144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11144
Phe Ala Trp Glu Arg Lys Gln Val Ala His
1 5 10

<210> 11145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11145
Ala Gln Trp Lys Asn Ile Ser Val Trp
1 5

<210> 11146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11146
Lys Ala Gln Trp Lys Asn Ile Ser Val
1 5

<210> 11147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11147
His Phe Thr Lys Ala Gln Trp Lys Asn Ile
1 5 10

<210> 11148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11148
Gln Trp Lys Asn Ile Ser Val Trp Cys Lys
1 5 10

<210> 11149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11149
Lys Ala Gln Trp Lys Asn Ile Ser Val Trp
1 5 10

<210> 11150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11150
Ala Gln Trp Lys Asn Ile Ser Val Trp Cys
1 5 10

<210> 11151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11151
Ser Thr Tyr Leu Val Cys Cys Ala Val
1 5

<210> 11152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11152
Met Ser Thr Tyr Leu Val Cys Cys Ala
1 5

<210> 11153
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11153
Cys Ala Val His Gln Phe Asp Ser Val
1 5

<210> 11154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11154
Leu Val Cys Cys Ala Val His Gln Phe
1 5

<210> 11155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11155
Tyr Leu Val Cys Cys Ala Val His Gln Phe
1 5 10

<210> 11156
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11156
Met Ser Thr Tyr Leu Val Cys Cys Ala Val
1 5 10

<210> 11157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11157
Cys Ala Val His Gln Phe Asp Ser Val Lys
1 5 10

<210> 11158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11158
Asn Thr Lys Val Ser Tyr Glu Phe Leu
1 5

<210> 11159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11159
Tyr Glu Phe Leu Ser Pro Pro Gln Leu
1 5

<210> 11160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11160
Ser Tyr Glu Phe Leu Ser Pro Pro Gln Leu
1 5 10

<210> 11161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11161
Glu Phe Leu Ser Pro Pro Gln Leu Asn Lys
1 5 10

<210> 11162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11162
Lys Asn Asn Thr Lys Val Ser Tyr Glu Phe
1 5 10

<210> 11163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11163
Tyr Glu Phe Leu Ser Pro Pro Gln Leu Asn
1 5 10

<210> 11164
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11164
Thr Leu Gly Ala Met Asp Leu Gly Val
1 5

<210> 11165
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11165
Ser Leu Leu Arg Gln Pro Val Gln Leu
1 5

<210> 11166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11166
Trp Leu Gly Thr Leu Trp Pro Ser Leu
1 5

<210> 11167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11167
Thr Leu Trp Pro Ser Leu Pro Ser Ser
1 5

<210> 11168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11168
Ser Thr Leu Trp Thr Phe Cys Gly Leu
1 5

<210> 11169
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11169
Ala Val Thr Pro Thr Ser Ala Glu Ile
1 5

<210> 11170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11170
Ala Ser Ser Ala Met Ala Val Thr Arg
1 5

<210> 11171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11171
Thr Leu Trp Thr Phe Cys Gly Leu Arg
1 5

<210> 11172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11172
Leu Trp Thr Phe Cys Gly Leu Arg Trp
1 5

<210> 11173
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11173
Arg Ser Leu Leu Arg Gln Pro Val Gln
1 5

<210> 11174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11174
Leu Leu Arg Gln Pro Val Gln Leu Arg
1 5

<210> 11175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11175
Ala Met Ala Val Thr Arg Ser Ser Arg
1 5

<210> 11176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11176
Arg Ser Ser Arg Gly Cys Trp Pro Ala
1 5

<210> 11177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11177
Ser Ser Arg Gly Cys Trp Pro Ala Pro
1 5

<210> 11178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11178
Arg Gly Cys Trp Pro Ala Pro Ser Arg
1 5

<210> 11179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11179
Ala Gly Arg Gly Ala Phe Pro Pro Lys
1 5

<210> 11180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11180
His Ala Pro Trp Pro Ser Gly Pro Arg
1 5

<210> 11181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11181

Ser Thr Thr Glu Ser Thr Pro Thr Ala
1 5

<210> 11182
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11182
Glu Ser Thr Pro Thr Ala Ser Ser Ala
1 5

<210> 11183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11183
Ser Thr Pro Thr Ala Ser Ser Ala Met
1 5

<210> 11184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11184
Glu Ile Trp Phe Leu Gly Ser Ser Ala
1 5

<210> 11185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11185
Trp Pro Ala Pro Ser Arg Pro Thr Ala
1 5

<210> 11186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11186
Ala Pro Ser Arg Pro Thr Ala Ser Thr
1 5

<210> 11187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11187
Arg Pro Thr Ala Ser Thr Pro Ala Gly
1 5

<210> 11188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11188
Phe Pro Pro Lys Cys Cys Ser Gly Met
1 5

<210> 11189
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11189
Trp Pro Ser Gly Pro Arg Thr Ser Thr
1 5

<210> 11190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11190
Ala Pro Ser Pro Asp Ala Leu Ser Met
1 5

<210> 11191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11191
Trp Pro Ser Leu Pro Ser Ser Thr Leu
1 5

<210> 11192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11192
Leu Pro Ser Ser Thr Leu Trp Thr Phe
1 5

<210> 11193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11193
Gly Ala Met Asp Leu Gly Val Pro Leu
1 5

<210> 11194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11194
Leu Gly Val Pro Leu Pro Arg Ser Leu
1 5

<210> 11195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11195
Ala Arg Ser Ser Cys Ile Ser Thr Ala
1 5

<210> 11196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11196
Met Cys Thr Ser His His Ala Pro Trp
1 5

<210> 11197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11197
Ser Met Gly Ser Ser Ser Pro Gln Trp
1 5

<210> 11198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11198
Cys Gly Leu Arg Trp Gly Cys Pro Trp

1 5

<210> 11199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11199
Thr Pro Thr Ser Ala Glu Ile Trp Phe
1 5

<210> 11200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11200
Ser Pro Gln Trp Leu Gly Thr Leu Trp
1 5

<210> 11201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11201
Cys Pro Trp Pro Pro Cys Ser Ser Trp
1 5

<210> 11202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11202
Ala Glu Ile Trp Phe Leu Gly Ser Ser
1 5

<210> 11203

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11203
Gly Thr Leu Gly Ala Met Asp Leu Gly Val
1 5 10

<210> 11204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11204
Phe Leu Gly Ser Ser Ala Ser Pro Pro Ala
1 5 10

<210> 11205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11205
Ser Met Gly Ser Ser Ser Pro Gln Trp Leu
1 5 10

<210> 11206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11206
Thr Leu Trp Pro Ser Leu Pro Ser Ser Thr
1 5 10

<210> 11207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11207
Ala Met Asp Leu Gly Val Pro Leu Pro Arg
1 5 10

<210> 11208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11208
Ser Ala Met Ala Val Thr Arg Ser Ser Arg
1 5 10

<210> 11209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11209
Ser Thr Leu Trp Thr Phe Cys Gly Leu Arg
1 5 10

<210> 11210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11210
Gln Trp Leu Gly Thr Leu Trp Pro Ser Leu
1 5 10

<210> 11211
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11211
Leu Trp Pro Ser Leu Pro Ser Ser Thr Leu
1 5 10

<210> 11212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11212
Ser Leu Pro Ser Ser Thr Leu Trp Thr Phe
1 5 10

<210> 11213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11213
Arg Ser Leu Leu Arg Gln Pro Val Gln Leu
1 5 10

<210> 11214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11214
Arg Thr Glu Pro Ala Arg Ser Ser Cys Ile
1 5 10

<210> 11215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11215
Arg Ser Ser Cys Ile Ser Thr Ala Ser Thr
1 5 10

<210> 11216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11216
Ser Ser Arg Gly Cys Trp Pro Ala Pro Ser
1 5 10

<210> 11217
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11217
Arg Thr Ser Thr Ala Val Pro Gly Ser Ala
1 5 10

<210> 11218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11218
Ser Leu Leu Arg Gln Pro Val Gln Leu Arg
1 5 10

<210> 11219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11219
Thr Ala Ser Ser Ala Met Ala Val Thr Arg
1 5 10

<210> 11220
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11220
His His Ala Pro Trp Pro Ser Gly Pro Arg
1 5 10

<210> 11221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11221
Ser Thr Pro Thr Ala Ser Ser Ala Met Ala
1 5 10

<210> 11222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11222
Thr Ser Ala Glu Ile Trp Phe Leu Gly Ser
1 5 10

<210> 11223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11223
Ser Ser Thr Leu Trp Thr Phe Cys Gly Leu
1 5 10

<210> 11224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11224
Trp Thr Phe Cys Gly Leu Arg Trp Gly Cys
1 5 10

<210> 11225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11225
Leu Pro Arg Ser Leu Leu Arg Gln Pro Val
1 5 10

<210> 11226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11226
Gln Pro Val Gln Leu Arg Thr Glu Pro Ala
1 5 10

<210> 11227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11227
Thr Pro Thr Ala Ser Ser Ala Met Ala Val
1 5 10

<210> 11228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11228
Trp Pro Ala Pro Ser Arg Pro Thr Ala Ser
1 5 10

<210> 11229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11229
Trp Pro Ser Gly Pro Arg Thr Ser Thr Ala
1 5 10

<210> 11230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11230
Val Pro Gly Ser Ala Cys Gln Gly Ala Val
1 5 10

<210> 11231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11231
Ser Pro Pro Ala Pro Ser Pro Asp Ala Leu
1 5 10

<210> 11232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11232
Ala Ser Thr Pro Ala Gly Arg Gly Ala Phe
1 5 10

<210> 11233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11233
Glu Ser Thr Pro Thr Ala Ser Ser Ala Met
1 5 10

<210> 11234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11234
Leu Ser Met Gly Ser Ser Ser Pro Gln Trp
1 5 10

<210> 11235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11235
Leu Gly Ala Met Asp Leu Gly Val Pro Leu
1 5 10

<210> 11236
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11236
Gly Met Cys Thr Ser His His Ala Pro Trp
1 5 10

<210> 11237
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11237
Cys Gln Gly Ala Val Thr Pro Thr Ser Ala
1 5 10

<210> 11238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11238
Ala Glu Ile Trp Phe Leu Gly Ser Ser Ala
1 5 10

<210> 11239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11239
Ser Ser Ser Pro Gln Trp Leu Gly Thr Leu
1 5 10

<210> 11240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11240
Thr Pro Thr Ser Ala Glu Ile Trp Phe Leu
1 5 10

<210> 11241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11241
Trp Pro Ser Leu Pro Ser Ser Thr Leu Trp
1 5 10

<210> 11242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11242
Thr Glu Ser Thr Pro Thr Ala Ser Ser Ala
1 5 10

<210> 11243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11243
Leu Pro Ser Ser Thr Leu Trp Thr Phe Cys
1 5 10

<210> 11244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11244
Gly Asn Phe Ala Arg Gln Arg Tyr Lys
1 5

<210> 11245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11245

Arg Gln Arg Tyr Lys Asp Leu Val Leu
1 5

<210> 11246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11246
Phe Ala Arg Gln Arg Tyr Lys Asp Leu
1 5

<210> 11247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11247
Lys Asp Leu Val Leu Asn Glu Thr Leu
1 5

<210> 11248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11248
Gly Gly Asn Phe Ala Arg Gln Arg Tyr Lys
1 5 10

<210> 11249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11249
Arg Gln Arg Tyr Lys Asp Leu Val Leu Asn
1 5 10

<210> 11250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11250
Phe Ala Arg Gln Arg Tyr Lys Asp Leu Val
1 5 10

<210> 11251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11251
Tyr Lys Asp Leu Val Leu Asn Glu Thr Leu
1 5 10

<210> 11252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11252
His Trp Arg Phe Gln Gly Ala Asn Gly
1 5

<210> 11253
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11253
Ser Leu Gly Tyr Cys Tyr Gly Arg Lys
1 5

<210> 11254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11254
Tyr Cys Tyr Gly Arg Lys Leu Glu Phe
1 5

<210> 11255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11255
Val Met Gln Ser Leu Gly Tyr Cys Tyr
1 5

<210> 11256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11256
Gln Ser Leu Gly Tyr Cys Tyr Gly Arg
1 5

<210> 11257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11257
Leu Gly Tyr Cys Tyr Gly Arg Lys Leu
1 5

<210> 11258
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11258
Gln Ser Leu Gly Tyr Cys Tyr Gly Arg Lys
1 5 10

<210> 11259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11259
Gly Tyr Cys Tyr Gly Arg Lys Leu Glu Phe
1 5 10

<210> 11260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11260
Pro Val Met Gln Ser Leu Gly Tyr Cys Tyr
1 5 10

<210> 11261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11261
Met Gln Ser Leu Gly Tyr Cys Tyr Gly Arg
1 5 10

<210> 11262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11262
Tyr Leu Asn Ser Val His Phe Phe Arg

1 5

<210> 11263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11263
Asn Ser Val His Phe Phe Arg Pro Lys
1 5

<210> 11264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11264
Val Tyr Ile Ser Tyr Leu Asn Ser Val
1 5

<210> 11265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11265
Ile Ser Tyr Leu Asn Ser Val His Phe
1 5

<210> 11266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11266
Ser Tyr Leu Asn Ser Val His Phe Phe
1 5

<210> 11267

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11267
Arg Val Tyr Ile Ser Tyr Leu Asn Ser
1 5

<210> 11268
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11268
Tyr Ile Ser Tyr Leu Asn Ser Val His
1 5

<210> 11269
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11269
Arg Val Tyr Ile Ser Tyr Leu Asn Ser Val
1 5 10

<210> 11270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11270
Ser Tyr Leu Asn Ser Val His Phe Phe Arg
1 5 10

<210> 11271
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11271
Tyr Ile Ser Tyr Leu Asn Ser Val His Phe
1 5 10

<210> 11272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11272
Ile Ser Tyr Leu Asn Ser Val His Phe Phe
1 5 10

<210> 11273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11273
Leu Asn Ser Val His Phe Phe Arg Pro Lys
1 5 10

<210> 11274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11274
Gly Ser Ser Leu Thr Glu Gly Ala Lys
1 5

<210> 11275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11275
Ile Lys Gly Lys Glu Gly Ser Ser Leu
1   5

<210> 11276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11276
Lys Glu Gly Ser Ser Leu Thr Glu Gly Ala
1   5   10

<210> 11277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11277
Lys Leu Phe Asn Ala Lys Ser Glu His
1   5

<210> 11278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11278
Glu Leu Lys Lys Leu Phe Asn Ala Lys
1   5

<210> 11279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11279
Val Glu Leu Lys Lys Leu Phe Asn Ala
1   5

<210> 11280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11280
Lys Leu Phe Asn Ala Lys Ser Glu His Leu
1 5 10

<210> 11281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11281
Leu Leu Gly Ser Ile Arg Thr Trp Ile
1 5

<210> 11282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11282
Thr Ile Pro Thr Ala Glu Phe Leu Leu
1 5

<210> 11283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11283
Phe Leu Leu Gly Ser Ile Arg Thr Trp
1 5

<210> 11284
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11284
Phe Leu Leu Gly Ser Ile Arg Thr Trp Ile
1 5 10

<210> 11285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11285
Glu Phe Leu Leu Gly Ser Ile Arg Thr Trp
1 5 10

<210> 11286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11286
Ala Thr Ile Pro Thr Ala Glu Phe Leu Leu
1 5 10

<210> 11287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11287
Ala Glu Phe Leu Leu Gly Ser Ile Arg Thr
1 5 10

<210> 11288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11288
Phe Pro Val Gly Ala Gly Pro Leu Gly
1 5

<210> 11289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11289
Thr Val Arg Asp Cys Lys Ser Phe Pro Val
1 5 10

<210> 11290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11290
Lys Ser Phe Pro Val Gly Ala Gly Pro Leu
1 5 10

<210> 11291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11291
Phe Pro Val Gly Ala Gly Pro Leu Gly Cys
1 5 10

<210> 11292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11292
Tyr Leu Thr Phe His Asn Pro Gly Ala
1 5

<210> 11293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11293
Leu Thr Arg Arg Gly Leu Tyr Leu Thr
1 5

<210> 11294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11294
Thr Arg Arg Gly Leu Tyr Leu Thr Phe
1 5

<210> 11295
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11295
Leu Thr Phe His Asn Pro Gly Ala Cys Val
1 5 10

<210> 11296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11296
Leu Thr Arg Arg Gly Leu Tyr Leu Thr Phe
1 5 10

<210> 11297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11297
Arg Leu Pro Pro Pro Gly Thr Val Leu
1 5

<210> 11298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11298
Gly Phe Arg Leu Pro Pro Pro Gly Thr Val
1 5 10

<210> 11299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11299
Leu Pro Pro Pro Gly Thr Val Leu Thr Phe
1 5 10

<210> 11300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11300
Phe Arg Leu Pro Pro Pro Gly Thr Val Leu
1 5 10

<210> 11301
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11301
Ala Thr Met Cys Ala Ala Pro Arg Val
1 5

<210> 11302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11302
Leu Ser Val Ser Trp Ser Ile Pro Arg
1 5

<210> 11303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11303
Ser Val Ser Trp Ser Ile Pro Arg Arg
1 5

<210> 11304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11304
Gly Ser Thr Arg Ser Leu Thr Ala Arg
1 5

<210> 11305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11305
Arg Ser Arg Ala Glu Cys Gly Ser Thr
1 5

<210> 11306
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11306
Ser Thr Arg Ser Leu Thr Ala Arg Arg
1 5

<210> 11307
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11307
Arg Ser Leu Thr Ala Arg Arg Glu Thr
1 5

<210> 11308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11308
Thr Ala Arg Arg Glu Thr Pro Thr Ala
1 5

<210> 11309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11309

Ser Trp Ser Ile Pro Arg Arg Ser Arg
1 5

<210> 11310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11310
Thr Ala Thr Met Cys Ala Ala Pro Arg
1 5

<210> 11311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11311
Glu Thr Pro Thr Ala Thr Met Cys Ala
1 5

<210> 11312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11312
Ile Pro Arg Arg Ser Arg Ala Glu Cys
1 5

<210> 11313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11313
Thr Pro Thr Ala Thr Met Cys Ala Ala
1 5

<210> 11314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11314
Ala Glu Cys Gly Ser Thr Arg Ser Leu
1 5

<210> 11315
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11315
Arg Arg Glu Thr Pro Thr Ala Thr Met
1 5

<210> 11316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11316
Arg Glu Thr Pro Thr Ala Thr Met Cys
1 5

<210> 11317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11317
Ser Leu Ser Val Ser Trp Ser Ile Pro Arg
1 5 10

<210> 11318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11318
Leu Ser Val Ser Trp Ser Ile Pro Arg Arg
1 5 10

<210> 11319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11319
Ser Trp Ser Ile Pro Arg Arg Ser Arg Ala
1 5 10

<210> 11320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11320
Arg Ser Arg Ala Glu Cys Gly Ser Thr Arg
1 5 10

<210> 11321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11321
Val Ser Trp Ser Ile Pro Arg Arg Ser Arg
1 5 10

<210> 11322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11322
Pro Thr Ala Thr Met Cys Ala Ala Pro Arg
1 5 10

<210> 11323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11323
Glu Thr Pro Thr Ala Thr Met Cys Ala Ala
1 5 10

<210> 11324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11324
Thr Ala Thr Met Cys Ala Ala Pro Arg Val
1 5 10

<210> 11325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11325
Arg Ala Glu Cys Gly Ser Thr Arg Ser Leu
1 5 10

<210> 11326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11326
Ala Arg Arg Glu Thr Pro Thr Ala Thr Met

1 5 10

<210> 11327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11327
Arg Glu Thr Pro Thr Ala Thr Met Cys Ala
1 5 10

<210> 11328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11328
Ala Glu Cys Gly Ser Thr Arg Ser Leu Thr
1 5 10

<210> 11329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11329
Arg Ser Ala Ser Asp Val Trp Ser Tyr
1 5

<210> 11330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11330
Lys Phe Arg Ser Ala Ser Asp Val Trp
1 5

<210> 11331

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11331
Ile Ala Tyr Arg Lys Phe Arg Ser Ala
1 5

<210> 11332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11332
Ala Tyr Arg Lys Phe Arg Ser Ala Ser
1 5

<210> 11333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11333
Glu Ala Ile Ala Tyr Arg Lys Phe Arg
1 5

<210> 11334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11334
Arg Lys Phe Arg Ser Ala Ser Asp Val
1 5

<210> 11335
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11335
Ala Ile Ala Tyr Arg Lys Phe Arg Ser Ala
1 5 10

<210> 11336
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11336
Lys Phe Arg Ser Ala Ser Asp Val Trp Ser
1 5 10

<210> 11337
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11337
Ile Ala Tyr Arg Lys Phe Arg Ser Ala Ser
1 5 10

<210> 11338
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11338
Arg Lys Phe Arg Ser Ala Ser Asp Val Trp
1 5 10

<210> 11339
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11339
Phe Arg Ser Ala Ser Asp Val Trp Ser Tyr
1 5 10

<210> 11340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11340
Ser Ser Ala Ser His Ala Trp Ser Tyr
1 5

<210> 11341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11341
Lys Phe Ser Ser Ala Ser His Ala Trp
1 5

<210> 11342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11342
Ala Ser His Ala Trp Ser Tyr Gly Ile
1 5

<210> 11343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11343
His Ala Trp Ser Tyr Gly Ile Val Met
1 5

<210> 11344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11344
Tyr Arg Lys Phe Ser Ser Ala Ser His
1 5

<210> 11345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11345
Arg Lys Phe Ser Ser Ala Ser His Ala
1 5

<210> 11346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11346
Phe Ser Ser Ala Ser His Ala Trp Ser Tyr
1 5 10

<210> 11347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11347
Ala Tyr Arg Lys Phe Ser Ser Ala Ser His
1 5 10

<210> 11348
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11348
Ala Ser His Ala Trp Ser Tyr Gly Ile Val
1 5 10

<210> 11349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11349
Ser Ala Ser His Ala Trp Ser Tyr Gly Ile
1 5 10

<210> 11350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11350
Arg Lys Phe Ser Ser Ala Ser His Ala Trp
1 5 10

<210> 11351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11351
Ser His Ala Trp Ser Tyr Gly Ile Val Met
1 5 10

<210> 11352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11352
His Ala Trp Ser Tyr Gly Ile Val Met Trp
1 5 10

<210> 11353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11353
Gly Leu Thr Glu Pro His Ile Tyr Ile
1 5

<210> 11354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11354
Arg Gln Leu Gly Leu Thr Glu Pro His
1 5

<210> 11355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11355
Leu Gly Leu Thr Glu Pro His Ile Tyr
1 5

<210> 11356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11356
Arg Gln Leu Gly Leu Thr Glu Pro His Ile
1 5 10

<210> 11357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11357
Gln Leu Gly Leu Thr Glu Pro His Ile Tyr
1 5 10

<210> 11358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11358
His Ile Tyr Ile Ser Asp Leu Leu Ala His
1 5 10

<210> 11359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11359
Thr Glu Pro His Ile Tyr Ile Ser Asp Leu
1 5 10

<210> 11360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11360
His Ser His Ala Pro Asn Pro Ala Ala
1 5

<210> 11361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11361
Leu Thr Tyr Pro Pro Gly Gly Gly Thr Arg
1 5 10

<210> 11362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11362
Lys Pro Pro Ser Cys Pro Gln Ala Ile
1 5

<210> 11363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11363
His Val Lys Pro Pro Ser Cys Pro Gln Ala
1 5 10

<210> 11364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11364
Cys Pro Gln Ala Ile Pro Arg Ser Pro Cys
1 5 10

<210> 11365
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11365
His Tyr Gln Asn Ile Phe Ser Cys Leu
1 5

<210> 11366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11366
Gly Pro Ile Asn His Tyr Gln Asn Ile
1 5

<210> 11367
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11367
Tyr Gln Asn Ile Phe Ser Cys Leu Pro
1 5

<210> 11368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11368
Gln Asn Ile Phe Ser Cys Leu Pro Leu
1 5

<210> 11369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11369
Tyr Gln Asn Ile Phe Ser Cys Leu Pro Leu
1 5 10

<210> 11370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11370
Gln Asn Ile Phe Ser Cys Leu Pro Leu Lys
1 5 10

<210> 11371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11371
Gly Pro Ile Asn His Tyr Gln Asn Ile Phe
1 5 10

<210> 11372
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11372
Asn His Tyr Gln Asn Ile Phe Ser Cys Leu
1 5 10

<210> 11373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11373

Ser Thr Thr Thr Gly Ser His Trp Lys
1 5

<210> 11374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11374
Ala Val Cys Thr Arg Thr Ser Met Arg
1 5

<210> 11375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11375
Thr Ser Met Arg Ser Phe Pro Thr Arg
1 5

<210> 11376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11376
Cys Thr Arg Thr Ser Met Arg Ser Phe
1 5

<210> 11377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11377
Arg Thr Ser Met Arg Ser Phe Pro Thr
1 5

<210> 11378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11378
Ser Met Arg Ser Phe Pro Thr Arg Ser
1 5

<210> 11379
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11379
Leu Glu Val Gln Val Ala Thr Gly Val
1 5

<210> 11380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11380
Val Gln Val Ala Thr Gly Val Ser Ser
1 5

<210> 11381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11381
His Ser Thr Thr Thr Gly Ser His Trp
1 5

<210> 11382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11382
Trp Lys Gln Pro Thr Asp Gly Ala Val
1 5

<210> 11383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11383
Gly Ala Val Cys Thr Arg Thr Ser Met
1 5

<210> 11384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11384
Leu Leu Glu Val Gln Val Ala Thr Gly Val
1 5 10

<210> 11385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11385
Arg Thr Ser Met Arg Ser Phe Pro Thr Arg
1 5 10

<210> 11386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11386
His Ser Thr Thr Thr Gly Ser His Trp Lys
1 5 10

<210> 11387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11387
Ser Thr His Ser Thr Thr Thr Gly Ser His
1 5 10

<210> 11388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11388
Cys Thr Arg Thr Ser Met Arg Ser Phe Pro
1 5 10

<210> 11389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11389
Ser Met Arg Ser Phe Pro Thr Arg Ser Thr
1 5 10

<210> 11390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11390
Val Gln Val Ala Thr Gly Val Ser Ser Thr

1 5 10

<210> 11391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11391
Val Cys Thr Arg Thr Ser Met Arg Ser Phe
1 5 10

<210> 11392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11392
Glu Glu Met Asn Arg Val Leu Ala His
1 5

<210> 11393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11393
His Pro Ser Asp Asp Thr Lys Gly Phe
1 5

<210> 11394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11394
Val Leu Ala His Pro Ser Asp Asp Thr Lys
1 5 10

<210> 11395

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11395
His Pro Ser Asp Asp Thr Lys Gly Phe Phe
1 5 10

<210> 11396
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11396
Asp Glu Glu Met Asn Arg Val Leu Ala His
1 5 10

<210> 11397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11397
Lys Leu Asn Gln Trp Cys Asn Val Leu
1 5

<210> 11398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11398
Cys Asn Val Leu Arg Trp Glu Phe Lys
1 5

<210> 11399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11399
Asn Gln Trp Cys Asn Val Leu Arg Trp
1 5

<210> 11400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11400
Leu Asn Gln Trp Cys Asn Val Leu Arg
1 5

<210> 11401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11401
Trp Cys Asn Val Leu Arg Trp Glu Phe
1 5

<210> 11402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11402
Lys Leu Asn Gln Trp Cys Asn Val Leu Arg
1 5 10

<210> 11403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11403
Gln Trp Cys Asn Val Leu Arg Trp Glu Phe
1 5 10

<210> 11404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11404
Ile Lys Leu Asn Gln Trp Cys Asn Val Leu
1 5 10

<210> 11405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11405
Arg Leu Ile Ser Val Asn Ile Arg Val
1 5

<210> 11406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11406
Arg Arg Arg Leu Ile Ser Val Asn Ile
1 5

<210> 11407
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11407
Asp Tyr Arg Arg Arg Leu Ile Ser Val
1 5

<210> 11408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11408
Arg Arg Arg Leu Ile Ser Val Asn Ile Arg
1 5 10

<210> 11409
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11409
Arg Leu Ile Ser Val Asn Ile Arg Val Arg
1 5 10

<210> 11410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11410
Asn Asp Tyr Arg Arg Arg Leu Ile Ser Val
1 5 10

<210> 11411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11411
Tyr Arg Arg Arg Leu Ile Ser Val Asn Ile
1 5 10

<210> 11412
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11412
Val Ser Arg Glu Asn Thr Ser Pro Lys
1 5

<210> 11413
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11413
Ile Pro Val Ala Ile Lys Val Ser Arg
1 5

<210> 11414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11414
Lys Val Ser Arg Glu Asn Thr Ser Pro Lys
1 5 10

<210> 11415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11415
Val Ser Arg Glu Asn Thr Ser Pro Lys Ala
1 5 10

<210> 11416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11416
Ile Leu Tyr Glu Ala Tyr Val Met Ala
1 5

<210> 11417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11417
Tyr Glu Ala Tyr Val Met Ala Gly Val
1 5

<210> 11418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11418
Asn Lys Glu Ile Leu Tyr Glu Ala Tyr
1 5

<210> 11419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11419
Lys Glu Ile Leu Tyr Glu Ala Tyr Val
1 5

<210> 11420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11420
Glu Ile Leu Tyr Glu Ala Tyr Val Met
1 5

<210> 11421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11421
Ile Leu Tyr Glu Ala Tyr Val Met Ala Gly
1 5 10

<210> 11422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11422
Ala Asn Lys Glu Ile Leu Tyr Glu Ala Tyr
1 5 10

<210> 11423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11423
Glu Ile Leu Tyr Glu Ala Tyr Val Met Ala
1 5 10

<210> 11424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11424
Lys Glu Ile Leu Tyr Glu Ala Tyr Val Met
1 5 10

<210> 11425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11425
Ser Pro Lys Ala Asn Lys Glu Ile Leu Tyr
1 5 10

<210> 11426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11426
Tyr Glu Ala Tyr Val Met Ala Gly Val Gly
1 5 10

<210> 11427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11427
Val Met Ala Tyr Val Met Ala Gly Val
1 5

<210> 11428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11428
Tyr Val Met Ala Tyr Val Met Ala Gly
1 5

<210> 11429
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11429
Asp Glu Ala Tyr Val Met Ala Tyr Val
1 5

<210> 11430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11430
Glu Ala Tyr Val Met Ala Tyr Val Met
1 5

<210> 11431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11431
Leu Asp Glu Ala Tyr Val Met Ala Tyr
1 5

<210> 11432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11432
Met Ala Tyr Val Met Ala Gly Val Gly
1 5

<210> 11433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11433
Ile Leu Asp Glu Ala Tyr Val Met Ala Tyr
1 5 10

<210> 11434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11434
Tyr Val Met Ala Tyr Val Met Ala Gly Val
1 5 10

<210> 11435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11435
Glu Ala Tyr Val Met Ala Tyr Val Met Ala
1 5 10

<210> 11436
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11436
Asp Glu Ala Tyr Val Met Ala Tyr Val Met
1 5 10

<210> 11437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11437

Ala Val Cys Val Gly Ser Pro Tyr Val
1 5

<210> 11438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11438
Met Ala Val Cys Val Gly Ser Pro Tyr
1 5

<210> 11439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11439
Glu Ala Tyr Val Met Ala Val Cys Val
1 5

<210> 11440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11440
Tyr Val Met Ala Val Cys Val Gly Ser
1 5

<210> 11441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11441
Asp Glu Ala Tyr Val Met Ala Val Cys
1 5

<210> 11442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11442
Ile Leu Asp Glu Ala Tyr Val Met Ala Val
1 5 10

<210> 11443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11443
Met Ala Val Cys Val Gly Ser Pro Tyr Val
1 5 10

<210> 11444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11444
Val Met Ala Val Cys Val Gly Ser Pro Tyr
1 5 10

<210> 11445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11445
Asp Glu Ala Tyr Val Met Ala Val Cys Val
1 5 10

<210> 11446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11446
Arg Leu Ile His Arg Asp Leu Ala Ala
1 5

<210> 11447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11447
Ser Tyr Leu Glu Asp Val Arg Leu Ile
1 5

<210> 11448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11448
Leu Ile His Arg Asp Leu Ala Ala Arg
1 5

<210> 11449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11449
Arg Leu Ile His Arg Asp Leu Ala Ala Arg
1 5 10

<210> 11450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11450
Tyr Leu Glu Asp Val Arg Leu Ile His Arg
1 5 10

<210> 11451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11451
Met Ser Tyr Leu Glu Asp Val Arg Leu Ile
1 5 10

<210> 11452
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11452
Tyr Gly Val Thr Val Trp Glu Leu Ile
1 5

<210> 11453
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11453
Val Thr Val Trp Glu Leu Ile Thr Phe
1 5

<210> 11454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11454
Leu Ile Thr Phe Gly Ala Lys Pro Tyr

1 5

<210> 11455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11455
Trp Glu Leu Ile Thr Phe Gly Ala Lys
1 5

<210> 11456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11456
Thr Val Trp Glu Leu Ile Thr Phe Gly Ala
1 5 10

<210> 11457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11457
Ser Tyr Gly Val Thr Val Trp Glu Leu Ile
1 5 10

<210> 11458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11458
Glu Leu Ile Thr Phe Gly Ala Lys Pro Tyr
1 5 10

<210> 11459

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11459
Gly Val Thr Val Trp Glu Leu Ile Thr Phe
1 5 10

<210> 11460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11460
Trp Glu Leu Ile Thr Phe Gly Ala Lys Pro
1 5 10

<210> 11461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11461
Tyr Leu Ser Thr Asp Val Gly Tyr Cys
1 5

<210> 11462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11462
Ser Thr Asp Val Gly Tyr Cys Thr Leu Val
1 5 10

<210> 11463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11463
Tyr Leu Ser Thr Asp Val Gly Tyr Cys Thr
1 5 10

<210> 11464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11464
Tyr Asn Tyr Leu Ser Thr Asp Val Gly Tyr
1 5 10

<210> 11465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11465
Leu Ser Thr Asp Val Gly Tyr Cys Thr Leu
1 5 10

<210> 11466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11466
Val Gly Tyr Cys Thr Leu Val Cys Pro Leu
1 5 10

<210> 11467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11467
Ser Thr Asp Val Gly Phe Cys Thr Leu
1 5

<210> 11468
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11468
Tyr Leu Ser Thr Asp Val Gly Phe Cys
1 5

<210> 11469
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11469
Asn Tyr Leu Ser Thr Asp Val Gly Phe
1 5

<210> 11470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11470
Ser Thr Asp Val Gly Phe Cys Thr Leu Val
1 5 10

<210> 11471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11471
Tyr Leu Ser Thr Asp Val Gly Phe Cys Thr
1 5 10

<210> 11472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11472
Tyr Asn Tyr Leu Ser Thr Asp Val Gly Phe
1 5 10

<210> 11473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11473
Leu Ser Thr Asp Val Gly Phe Cys Thr Leu
1 5 10

<210> 11474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11474
Val Gly Phe Cys Thr Leu Val Cys Pro Leu
1 5 10

<210> 11475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11475
Tyr Val Leu Val Ala Ile Asn Glu Phe
1 5

<210> 11476
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11476
Val Ala Ile Asn Glu Phe Ser Thr Leu
1 5

<210> 11477
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11477
Ile Asn Glu Phe Ser Thr Leu Pro Leu
1 5

<210> 11478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11478
Ala Ile Asn Glu Phe Ser Thr Leu Pro Leu
1 5 10

<210> 11479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11479
Gly Tyr Val Leu Val Ala Ile Asn Glu Phe
1 5 10

<210> 11480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11480
Glu Val Thr Gly Tyr Val Leu Val Ala Ile
1 5 10

<210> 11481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11481
Arg Met Val Arg Gly Thr Gln Val Tyr
1 5

<210> 11482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11482
Leu Pro Leu Pro Asn Leu Arg Met Val
1 5

<210> 11483
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11483
Leu Arg Met Val Arg Gly Thr Gln Val
1 5

<210> 11484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11484
Thr Leu Pro Leu Pro Asn Leu Arg Met Val
1 5 10

<210> 11485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11485
Asn Leu Arg Met Val Arg Gly Thr Gln Val
1 5 10

<210> 11486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11486
Leu Arg Met Val Arg Gly Thr Gln Val Tyr
1 5 10

<210> 11487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11487
Arg Leu Val Arg Gly Thr Gln Val Tyr
1 5

<210> 11488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11488
Leu Pro Leu Pro Asn Leu Arg Leu Val
1 5

<210> 11489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11489
Thr Leu Pro Leu Pro Asn Leu Arg Leu Val
1 5 10

<210> 11490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11490
Asn Leu Arg Leu Val Arg Gly Thr Gln Val
1 5 10

<210> 11491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11491
Leu Arg Leu Val Arg Gly Thr Gln Val Tyr
1 5 10

<210> 11492
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11492
Phe Val Val Tyr Gln Thr Ser Cys Val
1 5

<210> 11493
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11493
Val Val Tyr Gln Thr Ser Cys Val Arg
1 5

<210> 11494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11494
Tyr Gln Thr Ser Cys Val Arg Ala Cys
1 5

<210> 11495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11495
Ala Ser Cys Pro His Asn Phe Val Val Tyr
1 5 10

<210> 11496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11496
Phe Val Val Tyr Gln Thr Ser Cys Val Arg
1 5 10

<210> 11497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11497
Gly Leu Lys Arg Asp Ser Arg Leu Lys
1 5

<210> 11498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11498
Ser Leu Ala Ser Ser Gly Leu Lys Arg
1 5

<210> 11499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11499
Ser Ser Leu Ala Ser Ser Gly Leu Lys Arg
1 5 10

<210> 11500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11500
Ser Gly Leu Lys Arg Asp Ser Arg Leu Lys
1 5 10

<210> 11501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11501

Leu Lys Arg Asp Ser Arg Leu Lys Thr Leu
1 5 10

<210> 11502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11502
Leu Val Tyr Phe Pro Cys Asp Tyr Ile
1 5

<210> 11503
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11503
Val Tyr Phe Pro Cys Asp Tyr Ile Tyr
1 5

<210> 11504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11504
Leu Leu Val Tyr Phe Pro Cys Asp Tyr
1 5

<210> 11505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11505
Cys Asp Tyr Ile Tyr Pro Glu Gln Phe
1 5

<210> 11506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11506
Phe Pro Cys Asp Tyr Ile Tyr Pro Glu
1 5

<210> 11507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11507
Leu Leu Val Tyr Phe Pro Cys Asp Tyr Ile
1 5 10

<210> 11508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11508
Leu Val Tyr Phe Pro Cys Asp Tyr Ile Tyr
1 5 10

<210> 11509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11509
Gly Leu Leu Val Tyr Phe Pro Cys Asp Tyr
1 5 10

<210> 11510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11510
Val Val Phe Asp Glu Ala His Ser Ile
1 5

<210> 11511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11511
Glu Ala His Ser Ile Asp Asn Val Cys Ile
1 5 10

<210> 11512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11512
Asn Pro Val Leu Pro Asn Glu Val Leu
1 5

<210> 11513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11513
Leu Pro Asn Glu Val Leu Gln Glu Ala
1 5

<210> 11514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11514
Val Leu Pro Asn Glu Val Leu Gln Glu Ala
1 5 10

<210> 11515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11515
Leu Ala Asn Pro Val Leu Pro Asn Glu Val
1 5 10

<210> 11516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11516
Leu Pro Asn Glu Val Leu Gln Glu Ala Val
1 5 10

<210> 11517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11517
Phe Ile Asp Ser Lys Glu Val Tyr Arg
1 5

<210> 11518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11518
Asn Phe Ile Asp Ser Lys Glu Val Tyr

1 5

<210> 11519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11519
Tyr Gln Asn Phe Ile Asp Ser Lys Glu Val
1 5 10

<210> 11520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11520
Phe Ile Asp Ser Lys Glu Val Tyr Arg Ile
1 5 10

<210> 11521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11521
Lys Val Tyr Gln Asn Phe Ile Asp Ser Lys
1 5 10

<210> 11522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11522
Asn Phe Ile Asp Ser Lys Glu Val Tyr Arg
1 5 10

<210> 11523

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11523
Gln Asn Phe Ile Asp Ser Lys Glu Val Tyr
1 5 10

<210> 11524
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11524
Lys Thr Leu Gln Ile Asp Gly Thr Val
1 5

<210> 11525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11525
Leu Gln Ile Asp Gly Thr Val Thr His
1 5

<210> 11526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11526
Leu Gln Ile Asp Gly Thr Val Thr His Leu
1 5 10

<210> 11527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11527
Lys Asn Arg His Phe Lys Thr Leu Gln Ile
1 5 10

<210> 11528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11528
Lys Val Ile Ser Gly Pro Met Glu Lys
1 5

<210> 11529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11529
Val Ile Ser Gly Pro Met Glu Lys Ala Lys
1 5 10

<210> 11530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11530
Ser Pro Thr Gln Leu Pro Lys Lys Val Ile
1 5 10

<210> 11531
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11531
Leu Pro Lys Lys Val Ile Ser Gly Pro Met
1 5 10

<210> 11532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11532
Gly Leu Arg Gln Leu Pro His Leu Lys
1 5

<210> 11533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11533
Lys Leu Ala Arg Asp Thr Leu His Phe
1 5

<210> 11534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11534
Arg Gln Leu Pro His Leu Lys Leu Ala
1 5

<210> 11535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11535
Gln Leu Pro His Leu Lys Leu Ala Arg
1 5

<210> 11536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11536
His Leu Lys Leu Ala Arg Asp Thr Leu
1 5

<210> 11537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11537
Lys Leu Ala Arg Asp Thr Leu His Phe Leu
1 5 10

<210> 11538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11538
Arg Gln Leu Pro His Leu Lys Leu Ala Arg
1 5 10

<210> 11539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11539
Leu Lys Leu Ala Arg Asp Thr Leu His Phe
1 5 10

<210> 11540
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11540
Ala Glu Glu Thr Asn Gly Gly Thr Gln Ile
1 5 10

<210> 11541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11541
Lys Ser Lys Gln Gly Ser Ile Leu Gln
1 5

<210> 11542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11542
Gly Lys Ser Lys Gln Gly Ser Ile Leu
1 5

<210> 11543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11543
Ser Lys Gln Gly Ser Ile Leu Gln Leu
1 5

<210> 11544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11544
Lys Ser Lys Gln Gly Ser Ile Leu Gln Leu
1 5 10

<210> 11545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11545
Arg Leu Lys Lys Lys Ser Ile Gln Lys
1 5

<210> 11546
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11546
Lys Ile Lys Lys Lys Lys Pro Arg Leu
1 5

<210> 11547
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11547
Lys Lys Lys Lys Pro Arg Leu Lys Lys
1 5

<210> 11548
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11548
Lys Lys Lys Pro Arg Leu Lys Lys Lys
1   5

<210> 11549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11549
Lys Pro Arg Leu Lys Lys Lys Ser Ile
1   5

<210> 11550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11550
Leu Lys Lys Lys Ser Ile Gln Lys Ile
1   5

<210> 11551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11551
Arg Leu Lys Lys Lys Ser Ile Gln Lys Ile
1   5   10

<210> 11552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11552
Lys Ile Lys Lys Lys Lys Pro Arg Leu Lys
1   5   10

<210> 11553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11553
Lys Lys Lys Lys Pro Arg Leu Lys Lys Lys
1 5 10

<210> 11554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11554
Ile Gly Lys Pro Thr Pro Pro Pro Gly Tyr
1 5 10

<210> 11555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11555
Lys Pro Thr Pro Pro Pro Gly Tyr Pro Ala
1 5 10

<210> 11556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11556
Ala Trp Arg Trp Asp Leu Leu Gln Lys
1 5

<210> 11557
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11557
Ala Trp Arg Trp Asp Leu Leu Gln Lys Lys
1 5 10

<210> 11558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11558
Trp Arg Trp Asp Leu Leu Gln Lys Lys Leu
1 5 10

<210> 11559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11559
Gly Gln Arg Arg Arg His Arg His Ala
1 5

<210> 11560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11560
Arg Arg Arg His Arg His Ala Leu Arg
1 5

<210> 11561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11561
Arg Pro Arg Arg His Asp Pro Thr Ala
1 5

<210> 11562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11562
Gly Pro Gln Pro Gly His Arg Val Val
1 5

<210> 11563
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11563
Gln Arg Arg Arg His Arg His Ala Leu
1 5

<210> 11564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11564
Arg Pro Gln Gln Gly Ala Gln Leu Ala
1 5

<210> 11565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11565

Ala Ala Ala Ala Arg Arg Gly Asp Leu
1 5

<210> 11566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11566
Gln Gln Gly Ala Gln Leu Ala Ala Ala
1 5

<210> 11567
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11567
Gly Glu Leu His Arg Arg Glu Pro Val
1 5

<210> 11568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11568
Gly Gln Arg Arg Arg His Arg His Ala Leu
1 5 10

<210> 11569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11569
Leu Val Gln Glu Cys Gly Ala Asp Pro Arg
1 5 10

<210> 11570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11570
Gln Pro Gly His Arg Val Val Gly Glu Leu
1 5 10

<210> 11571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11571
Glu Pro Arg Pro Gln Gln Gly Ala Gln Leu
1 5 10

<210> 11572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11572
Arg Pro Gln Gln Gly Ala Gln Leu Ala Ala
1 5 10

<210> 11573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11573
Leu Ala Ala Ala Ala Arg Arg Gly Asp Leu
1 5 10

<210> 11574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11574
Gln Gln Gly Ala Gln Leu Ala Ala Ala Ala
1 5 10

<210> 11575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11575
Ile Gly Lys Pro Ile Pro Pro Pro Ser Tyr
1 5 10

<210> 11576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11576
Gly Pro Asn Gly His Leu Pro Ala Val
1 5

<210> 11577
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11577
Met Pro Asp Pro Ala Gly Pro Asn Gly His
1 5 10

<210> 11578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11578
Leu Leu Ser Ile Tyr Met Glu Trp Ala
1 5

<210> 11579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11579
Ala Leu Leu Ser Ile Tyr Met Glu Trp
1 5

<210> 11580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11580
Ile Tyr Met Glu Trp Ala Glu Asp Leu
1 5

<210> 11581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11581
Glu Trp Ala Glu Asp Leu Pro Leu Arg
1 5

<210> 11582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11582
Met Glu Trp Ala Glu Asp Leu Pro Leu

1 5

<210> 11583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11583
Ala Leu Leu Ser Ile Tyr Met Glu Trp Ala
1 5 10

<210> 11584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11584
Tyr Met Glu Trp Ala Glu Asp Leu Pro Leu
1 5 10

<210> 11585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11585
Ala Ala Leu Leu Ser Ile Tyr Met Glu Trp
1 5 10

<210> 11586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11586
Ser Leu Ile Phe Met Arg Leu Val Leu
1 5

<210> 11587

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11587
Phe Met Arg Leu Val Leu Arg Phe Leu
1 5

<210> 11588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11588
Leu Ile Phe Met Arg Leu Val Leu Arg
1 5

<210> 11589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11589
Ile Phe Met Arg Leu Val Leu Arg Phe
1 5

<210> 11590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11590
Asp Ser Leu Ile Phe Met Arg Leu Val
1 5

<210> 11591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11591
His Ser Gly Leu Asp Ser Leu Ile Phe
1 5

<210> 11592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11592
Ser Gly Leu Asp Ser Leu Ile Phe Met
1 5

<210> 11593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11593
Gly Leu Asp Ser Leu Ile Phe Met Arg Leu
1 5 10

<210> 11594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11594
Ser Leu Ile Phe Met Arg Leu Val Leu Arg
1 5 10

<210> 11595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11595
Ile Phe Met Arg Leu Val Leu Arg Phe Leu
1   5   10

<210> 11596
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11596
Ser Gly Leu Asp Ser Leu Ile Phe Met Arg
1   5   10

<210> 11597
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11597
Leu Ile Phe Met Arg Leu Val Leu Arg Phe
1   5   10

<210> 11598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11598
His Ser Gly Leu Asp Ser Leu Ile Phe Met
1   5   10

<210> 11599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 11599
Trp Val Phe Asp Glu Lys Asn Trp Lys
1   5

<210> 11600
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11600
Ile Gly Leu Lys Glu Leu Trp Val Phe
1 5

<210> 11601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11601
Trp Ile Val Asp Pro Asn Gly Leu Ala
1 5

<210> 11602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11602
Lys Glu Ser Lys Ile Phe Trp Ile Val
1 5

<210> 11603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11603
Ile Phe Trp Ile Val Asp Pro Asn Gly Leu
1 5 10

<210> 11604
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11604
Met Met Ile Lys Ile Phe Cys Cys Ile
1 5

<210> 11605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11605
Arg Gln Met Met Ile Lys Ile Phe Cys
1 5

<210> 11606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11606
Gln Met Met Ile Lys Ile Phe Cys Cys Ile
1 5 10

<210> 11607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11607
Lys Ile Phe Cys Cys Ile Glu Pro Glu Leu
1 5 10

<210> 11608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11608
Arg Gln Met Met Ile Lys Ile Phe Cys Cys
1 5 10

<210> 11609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11609
Glu Met Arg Leu Pro Val Ala Pro Lys
1 5

<210> 11610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11610
Ala Pro Lys Pro Leu Ser Glu Arg Leu
1 5

<210> 11611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11611
Met Glu Met Arg Leu Pro Val Ala Pro
1 5

<210> 11612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11612
Met Glu Met Arg Leu Pro Val Ala Pro Lys
1 5 10

<210> 11613
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11613
Met Arg Leu Pro Val Ala Pro Lys Pro Leu
1 5 10

<210> 11614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11614
Lys Met Tyr Ser Cys Leu Lys Leu Leu
1 5

<210> 11615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11615
Ala Leu Lys Met Tyr Ser Cys Leu Lys
1 5

<210> 11616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11616
Ala Leu Leu Ala Ala Leu Lys Met Tyr
1 5

<210> 11617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11617
Phe Ala Leu Leu Ala Ala Leu Lys Met
1 5

<210> 11618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11618
Ala Ala Leu Lys Met Tyr Ser Cys Leu
1 5

<210> 11619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11619
Leu Lys Met Tyr Ser Cys Leu Lys Leu
1 5

<210> 11620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11620
Leu Leu Ala Ala Leu Lys Met Tyr Ser Cys
1 5 10

<210> 11621
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11621
Ala Leu Lys Met Tyr Ser Cys Leu Lys Leu
1 5 10

<210> 11622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11622
Ala Ala Leu Lys Met Tyr Ser Cys Leu Lys
1 5 10

<210> 11623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11623
Leu Ala Ala Leu Lys Met Tyr Ser Cys Leu
1 5 10

<210> 11624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11624
Phe Ala Leu Leu Ala Ala Leu Lys Met Tyr
1 5 10

<210> 11625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11625
Leu Lys Met Tyr Ser Cys Leu Lys Leu Leu
1 5 10

<210> 11626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11626
Arg Asp Gly Ser Ser Asn His Val Tyr
1 5

<210> 11627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11627
Leu Lys Arg Asp Gly Ser Ser Asn His
1 5

<210> 11628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11628
Lys Arg Asp Gly Ser Ser Asn His Val Tyr
1 5 10

<210> 11629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11629

Phe Ile Ser Glu Phe Cys Gly Glu Ile
1 5

<210> 11630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11630
Gln Lys Asn Glu Phe Ile Ser Glu Phe
1 5

<210> 11631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11631
Ser Glu Phe Cys Gly Glu Ile Ile Ser
1 5

<210> 11632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11632
Phe Ile Ser Glu Phe Cys Gly Glu Ile Ile
1 5 10

<210> 11633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11633
Val Gln Lys Asn Glu Phe Ile Ser Glu Phe
1 5 10

<210> 11634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11634
Lys Gly Lys Asn Cys Glu Leu Phe Thr
1 5

<210> 11635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11635
Phe Lys Gly Lys Asn Cys Glu Leu Phe
1 5

<210> 11636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11636
Tyr Thr Cys Thr Cys Leu Glu Gly Phe Lys
1 5 10

<210> 11637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11637
Cys Thr Cys Leu Glu Gly Phe Lys Gly Lys
1 5 10

<210> 11638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11638
Gly Phe Lys Gly Lys Asn Cys Glu Leu Phe
1 5 10

<210> 11639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11639
Lys Gly Lys Asn Cys Glu Leu Phe Thr Arg
1 5 10

<210> 11640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11640
Ile Leu Gly Pro Ile Ile Arg Ala Leu
1 5

<210> 11641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11641
Ala Leu Val Arg Asp Thr Leu Lys Ile
1 5

<210> 11642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11642
Leu Val Arg Asp Thr Leu Lys Ile Val
1 5

<210> 11643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11643
Arg Ala Leu Val Arg Asp Thr Leu Lys
1 5

<210> 11644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11644
Ile Arg Ala Leu Val Arg Asp Thr Leu
1 5

<210> 11645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11645
Ile Leu Gly Pro Ile Ile Arg Ala Leu Val
1 5 10

<210> 11646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11646
Ala Leu Val Arg Asp Thr Leu Lys Ile Val

1 5 10

<210> 11647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11647
Ile Ile Arg Ala Leu Val Arg Asp Thr Leu
1 5 10

<210> 11648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11648
Arg Ala Leu Val Arg Asp Thr Leu Lys Ile
1 5 10

<210> 11649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11649
Leu Val Arg Asp Thr Leu Lys Ile Val Phe
1 5 10

<210> 11650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11650
Thr Leu Ser Pro Asp Phe Ser Gln Thr
1 5

<210> 11651

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11651
Ser Pro Asp Phe Ser Gln Thr Asn Leu
1 5

<210> 11652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11652
Ser His Thr Thr Leu Ser Pro Asp Phe
1 5

<210> 11653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11653
Leu Ser His Thr Thr Leu Ser Pro Asp Phe
1 5 10

<210> 11654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11654
Tyr Leu Leu Thr Ser Met Tyr Val Lys
1 5

<210> 11655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11655
Lys Tyr Leu Leu Thr Ser Met Tyr Val
1 5

<210> 11656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11656
Gly Val Lys Tyr Leu Leu Thr Ser Met
1 5

<210> 11657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11657
Gly Val Thr Thr Gln Gly Val Lys Tyr
1 5

<210> 11658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11658
Val Lys Tyr Leu Leu Thr Ser Met Tyr
1 5

<210> 11659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11659
Thr Thr Gln Gly Val Lys Tyr Leu Leu
1 5

<210> 11660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11660
Lys Tyr Leu Leu Thr Ser Met Tyr Val Lys
1 5 10

<210> 11661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11661
Gly Val Lys Tyr Leu Leu Thr Ser Met Tyr
1 5 10

<210> 11662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11662
Gln Gly Val Lys Tyr Leu Leu Thr Ser Met
1 5 10

<210> 11663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11663
Val Lys Tyr Leu Leu Thr Ser Met Tyr Val
1 5 10

<210> 11664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11664
His Ala Asn Phe Pro Gln Phe Leu His
1 5

<210> 11665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11665
Glu Pro His Ala Asn Phe Pro Gln Phe
1 5

<210> 11666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11666
Ile Val Thr Glu Pro His Ala Asn Phe
1 5

<210> 11667
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11667
Glu Pro His Ala Asn Phe Pro Gln Phe Leu
1 5 10

<210> 11668
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11668
Gln Ile Val Thr Glu Pro His Ala Asn Phe
1 5 10

<210> 11669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11669
Thr Glu Pro His Ala Asn Phe Pro Gln Phe
1 5 10

<210> 11670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11670
Glu Leu Phe Trp Arg His Asn Ile Lys
1 5

<210> 11671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11671
Asn Ile Lys Cys Val Arg Gln Val Arg
1 5

<210> 11672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11672
Glu Glu Leu Phe Trp Arg His Asn Ile
1 5

<210> 11673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11673
Phe Trp Arg His Asn Ile Lys Cys Val Arg
1 5 10

<210> 11674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11674
His Asn Ile Lys Cys Val Arg Gln Val Arg
1 5 10

<210> 11675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11675
Asn Ile Lys Cys Val Arg Gln Val Arg Arg
1 5 10

<210> 11676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11676
Tyr Glu Glu Leu Phe Trp Arg His Asn Ile
1 5 10

<210> 11677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11677
Gln Leu Ala Ala Val Arg Gly Met Ala
1 5

<210> 11678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11678
Leu Ala Ala Val Arg Gly Met Ala Leu
1 5

<210> 11679
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11679
Gln Gln Leu Ala Ala Val Arg Gly Met
1 5

<210> 11680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11680
Gln Leu Ala Ala Val Arg Gly Met Ala Leu
1 5 10

<210> 11681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11681
Glu Gln Gln Leu Ala Ala Val Arg Gly Met
1 5 10

<210> 11682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11682
Gln Gln Leu Ala Ala Val Arg Gly Met Ala
1 5 10

<210> 11683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11683
Lys Leu Asn Arg Met Lys Val Pro Leu
1 5

<210> 11684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11684
Pro Leu Met Lys Leu Ile Thr Arg Val
1 5

<210> 11685
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11685
Arg Met Lys Val Pro Leu Met Lys Leu
1 5

<210> 11686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11686
Ile Ser Lys Lys Lys His Tyr Asn Arg
1 5

<210> 11687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11687
Ser Lys Lys Lys His Tyr Asn Arg Lys
1 5

<210> 11688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11688
Lys His Tyr Asn Arg Lys Ile Ser Ile
1 5

<210> 11689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11689
His Tyr Asn Arg Lys Ile Ser Ile Lys
1 5

<210> 11690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11690
Tyr Asn Arg Lys Ile Ser Ile Lys Lys
1 5

<210> 11691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11691
Lys Ile Ser Ile Lys Lys Leu Asn Arg
1 5

<210> 11692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11692
Ser Ile Lys Lys Leu Asn Arg Met Lys
1 5

<210> 11693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11693

Leu Asn Arg Met Lys Val Pro Leu Met
1 5

<210> 11694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11694
Ile Ser Ile Lys Lys Leu Asn Arg Met
1 5

<210> 11695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11695
Met Lys Val Pro Leu Met Lys Leu Ile
1 5

<210> 11696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11696
Lys Leu Asn Arg Met Lys Val Pro Leu Met
1 5 10

<210> 11697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11697
Arg Met Lys Val Pro Leu Met Lys Leu Ile
1 5 10

<210> 11698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11698
Ile Ser Ile Lys Lys Leu Asn Arg Met Lys
1 5 10

<210> 11699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11699
Ile Ser Lys Lys Lys His Tyr Asn Arg Lys
1 5 10

<210> 11700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11700
Lys His Tyr Asn Arg Lys Ile Ser Ile Lys
1 5 10

<210> 11701
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11701
His Tyr Asn Arg Lys Ile Ser Ile Lys Lys
1 5 10

<210> 11702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11702
Lys Ile Ser Ile Lys Lys Leu Asn Arg Met
1 5 10

<210> 11703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11703
Ser Ile Lys Lys Leu Asn Arg Met Lys Val
1 5 10

<210> 11704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11704
Leu Asn Arg Met Lys Val Pro Leu Met Lys
1 5 10

<210> 11705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11705
Lys Val Pro Leu Met Lys Leu Ile Thr Arg
1 5 10

<210> 11706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11706
Asp Ile Ser Lys Lys Lys His Tyr Asn Arg
1 5 10

<210> 11707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11707
Lys Lys His Tyr Asn Arg Lys Ile Ser Ile
1 5 10

<210> 11708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11708
Lys Lys Leu Asn Arg Met Lys Val Pro Leu
1 5 10

<210> 11709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11709
Val Pro Leu Met Lys Leu Ile Thr Arg Val
1 5 10

<210> 11710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11710
Ser Val Ile Leu Arg Arg Tyr Phe Trp

1 5

<210> 11711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11711
His Glu Ser Arg Gln Glu Val Pro Met
1 5

<210> 11712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11712
Val Pro Met Tyr Thr Gly His Glu Ser
1 5

<210> 11713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11713
Arg Gln Glu Val Pro Met Tyr Thr Gly His
1 5 10

<210> 11714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11714
His Glu Ser Arg Gln Glu Val Pro Met Tyr
1 5 10

<210> 11715

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11715
Lys Val Ala Thr Gly His Ser Ala Lys
1 5

<210> 11716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11716
Ala Thr Gly His Ser Ala Lys Asp Lys
1 5

<210> 11717
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11717
Arg Lys Val Ala Thr Gly His Ser Ala
1 5

<210> 11718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11718
Val Gln Thr Ser Ser Tyr Met Leu Val
1 5

<210> 11719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11719
Met Leu Val Asp Glu Asn Thr Phe Ser
1 5

<210> 11720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11720
Tyr Met Leu Val Asp Glu Asn Thr Phe
1 5

<210> 11721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11721
Phe Ile Val Gln Thr Ser Ser Tyr Met Leu
1 5 10

<210> 11722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11722
Ile Val Gln Thr Ser Ser Tyr Met Leu Val
1 5 10

<210> 11723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11723
Ser Tyr Met Leu Val Asp Glu Asn Thr Phe
1 5 10

<210> 11724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11724
Leu Arg Ser Thr Leu Arg Glu Pro Leu
1 5

<210> 11725
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11725
Glu Pro Cys Asp Pro Leu Arg Ser Thr Leu
1 5 10

<210> 11726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11726
Thr Met Arg Glu Pro Leu Asp Ile Arg
1 5

<210> 11727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11727
Leu Ser Ser Thr Met Arg Glu Pro Leu
1 5

<210> 11728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11728
Ser Thr Met Arg Glu Pro Leu Asp Ile Arg
1 5 10

<210> 11729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11729
Glu Pro Cys Asp Pro Leu Ser Ser Thr Met
1 5 10

<210> 11730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11730
Gly Leu Asn Leu Lys Ile Pro His Val
1 5

<210> 11731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11731
His Val Ile Ala Leu Glu Asn Pro Arg
1 5

<210> 11732
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11732
Leu Lys Ile Pro His Val Ile Ala Leu
1 5

<210> 11733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11733
Gly Leu Asn Leu Lys Ile Pro His Val Ile
1 5 10

<210> 11734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11734
Asn Leu Lys Ile Pro His Val Ile Ala Leu
1 5 10

<210> 11735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11735
Lys Gly Leu Asn Leu Lys Ile Pro His Val
1 5 10

<210> 11736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11736
Met Gln His Ala His Lys Cys His Arg
1 5

<210> 11737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11737
Cys Met Gln His Ala His Lys Cys His Arg
1 5 10

<210> 11738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11738
Thr Leu Ser His Leu Cys Ser Glu Leu
1 5

<210> 11739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11739
His Leu Cys Ser Glu Leu Gln Met Leu
1 5

<210> 11740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11740
Ser His Leu Cys Ser Glu Leu Gln Met
1 5

<210> 11741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11741
Glu Thr Leu Ser His Leu Cys Ser Glu Leu
1 5 10

<210> 11742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11742
Leu Ala Val Glu Glu Thr Leu Ser His Leu
1 5 10

<210> 11743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11743
Leu Ser His Leu Cys Ser Glu Leu Gln Met
1 5 10

<210> 11744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11744
Ile Met Ala His Pro Pro Leu Ser Thr
1 5

<210> 11745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11745
Met Ala His Pro Pro Leu Ser Thr Val
1 5

<210> 11746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11746
Trp Thr Leu Cys Trp Ala Leu Pro Lys
1 5

<210> 11747
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11747
Thr Ser Arg Thr Ser Arg Gln Trp Ala
1 5

<210> 11748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11748
Arg Thr Ser Arg Gln Trp Ala Pro Pro
1 5

<210> 11749
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11749
Thr Leu Cys Trp Ala Leu Pro Lys Arg
1 5

<210> 11750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11750
Ser Asn Trp Thr Ser Arg Thr Ser Arg
1 5

<210> 11751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11751
Val Pro Ile Met Ala His Pro Pro Leu
1 5

<210> 11752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11752
Thr His Trp Ser Ser Gly Trp Thr Leu
1 5

<210> 11753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11753
Ser Gly Trp Thr Leu Cys Trp Ala Leu
1 5

<210> 11754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11754
Thr Ser Arg Gln Trp Ala Pro Pro Trp
1 5

<210> 11755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11755
Arg Gln Trp Ala Pro Pro Trp Thr Ser
1 5

<210> 11756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11756
Trp Ser Ser Gly Trp Thr Leu Cys Trp
1 5

<210> 11757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11757

Ile Met Ala His Pro Pro Leu Ser Thr Val
1 5 10

<210> 11758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11758
Gly Trp Thr Leu Cys Trp Ala Leu Pro Lys
1 5 10

<210> 11759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11759
Trp Thr Leu Cys Trp Ala Leu Pro Lys Arg
1 5 10

<210> 11760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11760
Ala Ser Asn Trp Thr Ser Arg Thr Ser Arg
1 5 10

<210> 11761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11761
His Trp Ser Ser Gly Trp Thr Leu Cys Trp
1 5 10

<210> 11762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11762
Arg Thr Ser Arg Gln Trp Ala Pro Pro Trp
1 5 10

<210> 11763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11763
Thr Thr His Trp Ser Ser Gly Trp Thr Leu
1 5 10

<210> 11764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11764
Trp Ser Ser Gly Trp Thr Leu Cys Trp Ala
1 5 10

<210> 11765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11765
Met Ala His Pro Pro Leu Ser Thr Val Thr
1 5 10

<210> 11766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11766
Ser Ser Gly Trp Thr Leu Cys Trp Ala Leu
1 5 10

<210> 11767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11767
Trp Ala Leu Pro Lys Arg Ala Ser Asn Trp
1 5 10

<210> 11768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11768
Arg Gln Trp Ala Pro Pro Trp Thr Ser Cys
1 5 10

<210> 11769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11769
Pro Pro Leu Ser Thr Val Thr Thr His Trp
1 5 10

<210> 11770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11770
Arg Gln Arg Gln Gln Gln Gln Gln Arg
1 5

<210> 11771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11771
Arg Arg Arg Gln Gln Glu Pro Ser Trp
1 5

<210> 11772
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11772
Arg Gln Arg Gln Gln Gln Gln Gln Arg Arg
1 5 10

<210> 11773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11773
Arg Leu Phe Lys Pro Thr Thr Pro Ala
1 5

<210> 11774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11774
Leu Gln Ser Leu Gln Arg Leu Phe Lys

1 5

<210> 11775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11775
Lys Pro Thr Thr Pro Ala Pro Pro Leu
1 5

<210> 11776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11776
Leu Gln Arg Leu Phe Lys Pro Thr Thr
1 5

<210> 11777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11777
Lys Leu Gln Ser Leu Gln Arg Leu Phe Lys
1 5 10

<210> 11778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11778
Leu Gln Arg Leu Phe Lys Pro Thr Thr Pro
1 5 10

<210> 11779

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11779
Arg Leu Phe Lys Pro Thr Thr Pro Ala Pro
1 5 10

<210> 11780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11780
Phe Lys Pro Thr Thr Pro Ala Pro Pro Leu
1 5 10

<210> 11781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11781
Asp Thr Asn Asp Asp Pro Glu Cys Gly Val
1 5 10

<210> 11782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11782
Ser Thr Ser Lys Tyr Cys Ser Cys Val
1 5

<210> 11783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11783
Gly Glu Val Thr Ser Thr Ser Lys Tyr
1 5

<210> 11784
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11784
Ser Lys Tyr Cys Ser Cys Val Ser Ser
1 5

<210> 11785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11785
Gly Val Gly Glu Val Thr Ser Thr Ser Lys
1 5 10

<210> 11786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11786
Val Gly Glu Val Thr Ser Thr Ser Lys Tyr
1 5 10

<210> 11787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11787
Thr Ser Thr Ser Lys Tyr Cys Ser Cys Val
1 5 10

<210> 11788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11788
Ser Lys Tyr Cys Ser Cys Val Ser Ser Ser
1 5 10

<210> 11789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11789
Met Val Lys Thr Arg Asp Asn Phe Lys
1 5

<210> 11790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11790
Lys Thr Arg Asp Asn Phe Lys Ile Tyr
1 5

<210> 11791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11791
Ser Met Val Lys Thr Arg Asp Asn Phe
1 5

<210> 11792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11792
Ser Met Val Lys Thr Arg Asp Asn Phe Lys
1 5 10

<210> 11793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11793
Met Val Lys Thr Arg Asp Asn Phe Lys Ile
1 5 10

<210> 11794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11794
Lys Thr Arg Asp Asn Phe Lys Ile Tyr Asn
1 5 10

<210> 11795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11795
Val Ser Met Val Lys Thr Arg Asp Asn Phe
1 5 10

<210> 11796
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11796
Val Lys Thr Arg Asp Asn Phe Lys Ile Tyr
1 5 10

<210> 11797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11797
Phe Thr Lys Met Ile Pro Leu Leu Arg
1 5

<210> 11798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11798
Ser Phe Thr Lys Met Ile Pro Leu Leu
1 5

<210> 11799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11799
Glu Ser Phe Thr Lys Met Ile Pro Leu
1 5

<210> 11800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11800
Trp Ala Leu Glu Ser Phe Thr Lys Met
1 5

<210> 11801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11801
Asn Gln Trp Ala Leu Glu Ser Phe Thr Lys
1 5 10

<210> 11802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11802
Ser Phe Thr Lys Met Ile Pro Leu Leu Arg
1 5 10

<210> 11803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11803
Glu Ser Phe Thr Lys Met Ile Pro Leu Leu
1 5 10

<210> 11804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11804
Trp Ala Leu Glu Ser Phe Thr Lys Met Ile
1 5 10

<210> 11805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11805
Leu Glu Ser Phe Thr Lys Met Ile Pro Leu
1 5 10

<210> 11806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11806
Lys Gln Leu Lys His Phe Ser Gln Lys
1 5

<210> 11807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11807
Tyr Leu Gln Lys Gln Leu Lys His Phe
1 5

<210> 11808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11808
Lys His Phe Ser Gln Lys Tyr Ser Arg
1 5

<210> 11809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11809
Gln Leu Lys His Phe Ser Gln Lys Tyr
1 5

<210> 11810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11810
Lys Tyr Leu Gln Lys Gln Leu Lys His Phe
1 5 10

<210> 11811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11811
Lys Gln Leu Lys His Phe Ser Gln Lys Tyr
1 5 10

<210> 11812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11812
Arg Lys Tyr Leu Gln Lys Gln Leu Lys His
1 5 10

<210> 11813
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11813
Lys His Phe Ser Gln Lys Tyr Ser Arg Leu
1 5 10

<210> 11814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11814
Glu Glu Trp Gly Gly Pro Gly Gln Ala
1 5

<210> 11815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11815
Glu Glu Trp Gly Gly Pro Gly Gln Ala Gly
1 5 10

<210> 11816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11816
Thr Glu Glu Trp Gly Gly Pro Gly Gln Ala
1 5 10

<210> 11817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11817
Val Gln Ala Leu Gly Ile Pro Leu Thr
1 5

<210> 11818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11818
Val Gln Ala Leu Gly Ile Pro Leu Thr Pro
1 5 10

<210> 11819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11819
Ile Ile Val Tyr Leu Leu Cys Glu Leu
1 5

<210> 11820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11820
Tyr Leu Leu Cys Glu Leu Leu Ser Ser
1 5

<210> 11821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11821

Ala Ile Ile Val Tyr Leu Leu Cys Glu Leu
1 5 10

<210> 11822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11822
Ile Ile Val Tyr Leu Leu Cys Glu Leu Leu
1 5 10

<210> 11823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11823
Tyr Leu Leu Cys Glu Leu Leu Ser Ser Ser
1 5 10

<210> 11824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11824
Leu Thr Cys Gly Ile Met Asp Pro Pro Arg
1 5 10

<210> 11825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11825
Ser Leu Met Thr Ser Thr Phe Thr Ser
1 5

<210> 11826
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11826
Trp Ile Leu Leu Leu Thr Ile Leu Leu
1 5

<210> 11827
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11827
Ile Leu Leu Arg Gly Ala Arg Pro Val
1 5

<210> 11828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11828
Val Met Met Lys Met Leu His His Cys
1 5

<210> 11829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11829
Met Leu His His Cys Gln Pro Asn Leu
1 5

<210> 11830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11830
Gly Ile Met Asp Pro Pro Ser Leu Met
1 5

<210> 11831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11831
Phe Thr Ser Ser His Phe Lys Trp Ile
1 5

<210> 11832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11832
Leu Leu Thr Ile Leu Leu Arg Gly Ala
1 5

<210> 11833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11833
Leu Gln Ala Arg Gly Pro Ala Pro Ala
1 5

<210> 11834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11834
Ala Leu Pro Ser Gln Phe Ser Ser Thr
1 5

<210> 11835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11835
Thr Val Ala Arg His Gln Leu Phe Val
1 5

<210> 11836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11836
Ser Thr Phe Thr Ser Ser His Phe Lys
1 5

<210> 11837
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11837
His Gln Leu Phe Val Val Met Met Lys
1 5

<210> 11838
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11838
Met Thr Ser Thr Phe Thr Ser Ser His

1 5

<210> 11839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11839
Gly Ser Ser Ser Gln Thr Val Ala Arg
1 5

<210> 11840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11840
Thr Phe Thr Ser Ser His Phe Lys Trp
1 5

<210> 11841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11841
Ser His Phe Lys Trp Ile Leu Leu Leu
1 5

<210> 11842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11842
Lys Trp Ile Leu Leu Leu Thr Ile Leu
1 5

<210> 11843

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11843
Gln Thr Val Ala Arg His Gln Leu Phe
1 5

<210> 11844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11844
His Cys Gln Pro Asn Leu Leu Ile Phe
1 5

<210> 11845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11845
Cys Gln Pro Asn Leu Leu Ile Phe Ile
1 5

<210> 11846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11846
Ser Ser His Phe Lys Trp Ile Leu Leu
1 5

<210> 11847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11847
Val Ala Arg His Gln Leu Phe Val Val
1 5

<210> 11848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11848
Leu Thr Ile Leu Leu Arg Gly Ala Arg
1 5

<210> 11849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11849
Gln Ala Arg Gly Pro Ala Pro Ala Leu
1 5

<210> 11850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11850
Thr Ser Thr Phe Thr Ser Ser His Phe
1 5

<210> 11851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11851
Leu Met Thr Ser Thr Phe Thr Ser Ser
1 5

<210> 11852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11852
Phe Lys Trp Ile Leu Leu Leu Thr Ile
1 5

<210> 11853
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11853
Arg Gly Ala Arg Pro Val Cys His Leu
1 5

<210> 11854
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11854
Ser Gln Phe Ser Ser Thr Pro Gly Ser
1 5

<210> 11855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11855
Ser Gln Thr Val Ala Arg His Gln Leu
1 5

<210> 11856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11856
Ala Arg His Gln Leu Phe Val Val Met
1 5

<210> 11857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11857
Arg His Gln Leu Phe Val Val Met Met
1 5

<210> 11858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11858
Gln Leu Phe Val Val Met Met Lys Met
1 5

<210> 11859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11859
Met Lys Met Leu His His Cys Gln Pro
1 5

<210> 11860
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11860
Lys Met Leu His His Cys Gln Pro Asn
1 5

<210> 11861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11861
Thr Pro Gly Ser Ser Ser Gln Thr Val
1 5

<210> 11862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11862
Pro Pro Ser Leu Met Thr Ser Thr Phe
1 5

<210> 11863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11863
Leu Leu Leu Thr Ile Leu Leu Arg Gly Ala
1 5 10

<210> 11864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11864
Thr Val Ala Arg His Gln Leu Phe Val Val
1 5 10

<210> 11865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11865
Lys Met Leu His His Cys Gln Pro Asn Leu
1 5 10

<210> 11866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11866
Met Leu His His Cys Gln Pro Asn Leu Leu
1 5 10

<210> 11867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11867
Ser Leu Met Thr Ser Thr Phe Thr Ser Ser
1 5 10

<210> 11868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11868
His Leu Gln Ala Arg Gly Pro Ala Pro Ala
1 5 10

<210> 11869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11869
Leu Gln Ala Arg Gly Pro Ala Pro Ala Leu
1 5 10

<210> 11870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11870
Gln Leu Phe Val Val Met Met Lys Met Leu
1 5 10

<210> 11871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11871
Thr Ser Thr Phe Thr Ser Ser His Phe Lys
1 5 10

<210> 11872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11872
Thr Phe Thr Ser Ser His Phe Lys Trp Ile
1 5 10

<210> 11873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11873
His Phe Lys Trp Ile Leu Leu Leu Thr Ile
1 5 10

<210> 11874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11874
Lys Trp Ile Leu Leu Leu Thr Ile Leu Leu
1 5 10

<210> 11875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11875
Ser Gln Thr Val Ala Arg His Gln Leu Phe
1 5 10

<210> 11876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11876
Ser Ser His Phe Lys Trp Ile Leu Leu Leu
1 5 10

<210> 11877
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11877
Gly Ala Arg Pro Val Cys His Leu Gln Ala
1 5 10

<210> 11878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11878
Val Ala Arg His Gln Leu Phe Val Val Met
1 5 10

<210> 11879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11879
Arg His Gln Leu Phe Val Val Met Met Lys
1 5 10

<210> 11880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11880
Met Thr Ser Thr Phe Thr Ser Ser His Phe
1 5 10

<210> 11881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11881
Trp Ile Leu Leu Leu Thr Ile Leu Leu Arg
1 5 10

<210> 11882
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11882
Leu Leu Thr Ile Leu Leu Arg Gly Ala Arg
1 5 10

<210> 11883
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11883
Phe Thr Ser Ser His Phe Lys Trp Ile Leu
1 5 10

<210> 11884
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11884
Ser Thr Pro Gly Ser Ser Ser Gln Thr Val
1 5 10

<210> 11885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11885

Gln Thr Val Ala Arg His Gln Leu Phe Val
1 5 10

<210> 11886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11886
Gly Pro Ala Pro Ala Leu Pro Ser Gln Phe
1 5 10

<210> 11887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11887
Leu Met Thr Ser Thr Phe Thr Ser Ser His
1 5 10

<210> 11888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11888
His Gln Leu Phe Val Val Met Met Lys Met
1 5 10

<210> 11889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11889
Cys Gly Ile Met Asp Pro Pro Ser Leu Met
1 5 10

<210> 11890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11890
Ser Thr Phe Thr Ser Ser His Phe Lys Trp
1 5 10

<210> 11891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11891
Phe Lys Trp Ile Leu Leu Leu Thr Ile Leu
1 5 10

<210> 11892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11892
Ser Gln Phe Ser Ser Thr Pro Gly Ser Ser
1 5 10

<210> 11893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11893
Ala Arg His Gln Leu Phe Val Val Met Met
1 5 10

<210> 11894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11894
Met Lys Met Leu His His Cys Gln Pro Asn
1 5 10

<210> 11895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11895
His His Cys Gln Pro Asn Leu Leu Ile Phe
1 5 10

<210> 11896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11896
Leu Pro Ser Gln Phe Ser Ser Thr Pro Gly
1 5 10

<210> 11897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11897
Leu Gly Lys Glu Glu His Leu Gly Lys
1 5

<210> 11898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11898
Glu Glu His Leu Gly Lys Glu Gly Tyr
1 5

<210> 11899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11899
His Leu Gly Lys Glu Gly Tyr Leu Glu Lys
1 5 10

<210> 11900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11900
Lys Glu Glu His Leu Gly Lys Glu Gly Tyr
1 5 10

<210> 11901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11901
Glu Glu His Leu Gly Lys Glu Gly Tyr Leu
1 5 10

<210> 11902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11902
Glu Glu His Leu Gly Lys Glu Gly Tyr

1 5

<210> 11903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11903
His Leu Gly Lys Glu Gly Tyr Leu Glu Lys
1 5 10

<210> 11904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11904
Glu Glu Glu His Leu Gly Lys Glu Gly Tyr
1 5 10

<210> 11905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11905
Glu Glu His Leu Glu Glu Glu Glu His Leu
1 5 10

<210> 11906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11906
Glu Glu His Leu Gly Lys Glu Gly Tyr Leu
1 5 10

<210> 11907

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11907
Gly Ile Ser Leu Ile Ser Phe Gly Ile
1 5

<210> 11908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11908
Leu Ile Ser Phe Gly Ile Phe Tyr Met
1 5

<210> 11909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11909
Ile Ser Phe Gly Ile Phe Tyr Met Val
1 5

<210> 11910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11910
Ser Leu Ile Ser Phe Gly Ile Phe Tyr
1 5

<210> 11911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11911
Ile Ser Leu Ile Ser Phe Gly Ile Phe
1 5

<210> 11912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11912
Ser Phe Gly Ile Phe Tyr Met Val Val
1 5

<210> 11913
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11913
His Ile Gly Ile Ser Leu Ile Ser Phe
1 5

<210> 11914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11914
Ile Ser Leu Ile Ser Phe Gly Ile Phe Tyr
1 5 10

<210> 11915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11915
Ser Leu Ile Ser Phe Gly Ile Phe Tyr Met
1 5 10

<210> 11916
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11916
Leu Ile Ser Phe Gly Ile Phe Tyr Met Val
1 5 10

<210> 11917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11917
Ile Ser Phe Gly Ile Phe Tyr Met Val Val
1 5 10

<210> 11918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11918
Leu His Ile Gly Ile Ser Leu Ile Ser Phe
1 5 10

<210> 11919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11919
Gly Ile Ser Leu Ile Ser Phe Gly Ile Phe
1 5 10

<210> 11920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11920
Arg Tyr Pro Ser Phe Pro Leu Arg Leu
1 5

<210> 11921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11921
Ser Phe Pro Leu Arg Leu Val Pro Leu
1 5

<210> 11922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11922
Ser Thr Arg Tyr Pro Ser Phe Pro Leu
1 5

<210> 11923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11923
Arg His Pro Pro Gly Ser Thr Arg Tyr
1 5

<210> 11924
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11924
Met Gly Tyr Ser Pro Ala Gly Gly Arg
1 5

<210> 11925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11925
Tyr Pro Ser Phe Pro Leu Arg Leu Val
1 5

<210> 11926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11926
Ser Pro Ala Gly Gly Arg His Pro Pro
1 5

<210> 11927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11927
Arg Leu Val Pro Leu Ser Leu Ile Gly
1 5

<210> 11928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11928
Phe Pro Leu Arg Leu Val Pro Leu Ser
1 5

<210> 11929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11929
Ser Thr Arg Tyr Pro Ser Phe Pro Leu Arg
1 5 10

<210> 11930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11930
Arg Tyr Pro Ser Phe Pro Leu Arg Leu Val
1 5 10

<210> 11931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11931
Gly Gly Arg His Pro Pro Gly Ser Thr Arg
1 5 10

<210> 11932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11932
Leu Met Gly Tyr Ser Pro Ala Gly Gly Arg
1 5 10

<210> 11933
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11933
Ser Pro Ala Gly Gly Arg His Pro Pro Gly
1 5 10

<210> 11934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11934
Phe Pro Leu Arg Leu Val Pro Leu Ser Leu
1 5 10

<210> 11935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11935
Met Gly Tyr Ser Pro Ala Gly Gly Arg His
1 5 10

<210> 11936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11936
Gly Arg His Pro Pro Gly Ser Thr Arg Tyr
1 5 10

<210> 11937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11937
Gly Ser Thr Arg Tyr Pro Ser Phe Pro Leu
1 5 10

<210> 11938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11938
Thr Arg Tyr Pro Ser Phe Pro Leu Arg Leu
1 5 10

<210> 11939
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11939
Arg Ser Ser Ser Ala Glu Ser Pro Ala
1 5

<210> 11940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11940
Ala Glu Ser Pro Ala Val Ala Gly Thr
1 5

<210> 11941
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11941
Arg Ser Ser Ser Ala Glu Ser Pro Ala Val
1 5 10

<210> 11942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11942
Ala Ser Glu Pro Arg Phe Glu His Lys
1 5

<210> 11943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11943
Lys Ser Arg Ser Ala Gln Ala Ala Ser
1 5

<210> 11944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11944
Ser Ala Gln Ala Ala Ser Glu Pro Arg
1 5

<210> 11945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11945
Ala Gln Ala Ala Ser Glu Pro Arg Phe
1 5

<210> 11946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11946
Ser Glu Pro Arg Phe Glu His Lys Val
1 5

<210> 11947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11947
Arg Ser Ala Gln Ala Ala Ser Glu Pro Arg
1 5 10

<210> 11948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11948
Ala Ala Ser Glu Pro Arg Phe Glu His Lys
1 5 10

<210> 11949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11949

Lys Ser Arg Ser Ala Gln Ala Ala Ser Glu
1 5 10

<210> 11950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11950
Ser Ala Gln Ala Ala Ser Glu Pro Arg Phe
1 5 10

<210> 11951
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11951
Val Gln Glu Ala Thr Ser Leu Trp Lys
1 5

<210> 11952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11952
Glu Ala Thr Ser Leu Trp Lys Pro Ile
1 5

<210> 11953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11953
Ser Pro Ser Pro Ser Cys Gln Gln Val
1 5

<210> 11954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11954
Gln Gln Val Gln Glu Ala Thr Ser Leu
1 5

<210> 11955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11955
Gln Val Gln Glu Ala Thr Ser Leu Trp Lys
1 5 10

<210> 11956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11956
Cys Gln Gln Val Gln Glu Ala Thr Ser Leu
1 5 10

<210> 11957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11957
Gln Gln Val Gln Glu Ala Thr Ser Leu Trp
1 5 10

<210> 11958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11958
Gln Glu Ala Thr Ser Leu Trp Lys Pro Ile
1 5 10

<210> 11959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11959
Leu Ser Pro Ser Pro Pro Ala Ser Lys
1 5

<210> 11960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11960
Arg Gly Leu Ser Pro Ser Pro Pro Ala
1 5

<210> 11961
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11961
Gly Leu Ser Pro Ser Pro Pro Ala Ser Lys
1 5 10

<210> 11962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 11962
Val Gln Arg Gly Pro Leu Lys Leu Lys
1 5

<210> 11963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11963
Tyr Glu Gln Val Gln Arg Gly Pro Leu
1 5

<210> 11964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11964
Gln Val Gln Arg Gly Pro Leu Lys Leu Lys
1 5 10

<210> 11965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11965
Glu Gln Val Gln Arg Gly Pro Leu Lys Leu
1 5 10

<210> 11966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11966
Ala Ile Tyr Gln Lys Val Cys His Arg

1 5

<210> 11967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11967
Ile Tyr Gln Lys Val Cys His Arg Met
1 5

<210> 11968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11968
Ala Ile Tyr Gln Lys Val Cys His Arg Met
1 5 10

<210> 11969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11969
Cys His Arg Met Asn Asp Asp Trp Ala Tyr
1 5 10

<210> 11970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11970
Ser Ala Ile Tyr Gln Lys Val Cys His Arg
1 5 10

<210> 11971

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11971
Leu Leu Ala Arg Ala Tyr Pro Thr Trp
1 5

<210> 11972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11972
Leu Ala Arg Ala Tyr Pro Thr Trp Leu
1 5

<210> 11973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11973
Arg Ala Tyr Pro Thr Trp Leu Pro Cys
1 5

<210> 11974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11974
Val Gln Pro Leu Leu Ala Arg Ala Tyr
1 5

<210> 11975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11975
Leu Leu Ala Arg Ala Tyr Pro Thr Trp Leu
1 5 10

<210> 11976
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11976
Pro Val Gln Pro Leu Leu Ala Arg Ala Tyr
1 5 10

<210> 11977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11977
Lys Thr Arg Arg Trp Ser Ser Leu His
1 5

<210> 11978
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11978
Trp Ser Ser Leu His Ala Glu Pro Ser Lys
1 5 10

<210> 11979
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 11979
Lys Thr Arg Arg Trp Ser Ser Leu His Ala
1 5 10

<210> 11980
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11980
Pro Pro Lys Thr Arg Arg Trp Ser Ser Leu
1 5 10

<210> 11981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11981
Arg Leu Ala Pro Pro Lys Thr Arg Arg Trp
1 5 10

<210> 11982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11982
Asn Ser Tyr Thr Ala Gln Leu Val Lys
1 5

<210> 11983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11983
Tyr Thr Ala Gln Leu Val Lys Met Lys
1 5

<210> 11984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11984
Ser Tyr Thr Ala Gln Leu Val Lys Met
1 5

<210> 11985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11985
Tyr Thr Ala Gln Leu Val Lys Met Lys Tyr
1 5 10

<210> 11986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11986
Ser Asn Ser Tyr Thr Ala Gln Leu Val Lys
1 5 10

<210> 11987
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11987
Leu Val Lys Met Lys Tyr Gly Ala Trp Tyr
1 5 10

<210> 11988
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11988
Thr Pro Ser Asn Ser Tyr Thr Ala Gln Leu
1 5 10

<210> 11989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11989
Asn Ser Tyr Thr Ala Gln Leu Val Lys Met
1 5 10

<210> 11990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11990
Gln Leu Val Lys Met Lys Tyr Gly Ala Trp
1 5 10

<210> 11991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11991
Lys Leu Arg Ser Asp Glu Pro Phe Ile
1 5

<210> 11992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11992
Lys Lys Leu Arg Ser Asp Glu Pro Phe
1 5

<210> 11993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11993
Glu Pro Phe Ile Asp Pro Lys Pro Val
1 5

<210> 11994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11994
Arg Ser Asp Glu Pro Phe Ile Asp Pro Lys
1 5 10

<210> 11995
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11995
Phe Ile Asp Pro Lys Pro Val Leu Glu Lys
1 5 10

<210> 11996
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11996
Glu Pro Phe Ile Asp Pro Lys Pro Val Leu
1 5 10

<210> 11997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11997
Gly Lys Lys Leu Arg Ser Asp Glu Pro Phe
1 5 10

<210> 11998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11998
Lys Lys Leu Arg Ser Asp Glu Pro Phe Ile
1 5 10

<210> 11999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 11999
Cys Ala Arg Cys Glu Ala Arg Glu Lys
1 5

<210> 12000
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12000
Asp Ala Cys Ala Arg Cys Glu Ala Arg
1 5

<210> 12001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12001
Leu Glu Asp Ala Cys Ala Arg Cys Glu Ala
1 5 10

<210> 12002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12002
Lys Thr Arg Val Ser Pro Leu Arg Pro
1 5

<210> 12003
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12003
Arg Val Ser Pro Leu Arg Pro Glu Thr
1 5

<210> 12004
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12004
Pro Pro Lys Thr Arg Val Ser Pro Leu
1 5

<210> 12005
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12005
Lys Thr Arg Val Ser Pro Leu Arg Pro Glu
1 5 10

<210> 12006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12006
Glu Pro Pro Lys Thr Arg Val Ser Pro Leu
1 5 10

<210> 12007
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12007
Phe Ser Ala Ala Ala Ala Val Ala Ala
1 5

<210> 12008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12008
Ser Ala Ala Ala Ala Val Ala Ala Ala
1 5

<210> 12009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12009
Arg Pro Phe Ser Ala Ala Ala Ala Val
1 5

<210> 12010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12010
Phe Ser Ala Ala Ala Ala Val Ala Ala Ala
1 5 10

<210> 12011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12011
Ser Ala Ala Ala Ala Val Ala Ala Ala Ala
1 5 10

<210> 12012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12012
Arg Pro Phe Ser Ala Ala Ala Ala Val Ala
1 5 10

<210> 12013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12013

Ala Ala Ala Pro Ala Pro Ala Pro Ala Leu
1 5 10

<210> 12014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12014
Ala Pro Ala Pro Ala Pro Ala Leu Ala Ala
1 5 10

<210> 12015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12015
Lys Asn Lys Arg Ile Phe Pro Ala Ser
1 5

<210> 12016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12016
Lys Arg Ile Phe Pro Ala Ser Arg Trp
1 5

<210> 12017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12017
Ser Trp Tyr Glu Lys Asn Lys Arg Ile Phe
1 5 10

<210> 12018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12018
Lys Asn Lys Arg Ile Phe Pro Ala Ser Arg
1 5 10

<210> 12019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12019
Tyr Glu Lys Asn Lys Arg Ile Phe Pro Ala
1 5 10

<210> 12020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12020
Asn Lys Arg Ile Phe Pro Ala Ser Arg Trp
1 5 10

<210> 12021
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12021
Ile Leu Asp Thr Phe Asp Pro Tyr Leu
1 5

<210> 12022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12022
Thr Ile Leu Asp Thr Phe Asp Pro Tyr
1 5

<210> 12023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12023
Asp Thr Phe Asp Pro Tyr Leu Ile Ala
1 5

<210> 12024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12024
Glu Thr Ile Leu Asp Thr Phe Asp Pro Tyr
1 5 10

<210> 12025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12025
Thr Ile Leu Asp Thr Phe Asp Pro Tyr Leu
1 5 10

<210> 12026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12026
Ile Leu Asp Thr Phe Asp Pro Tyr Leu Ile
1 5 10

<210> 12027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12027
Phe Phe Cys Glu Thr Ile Leu Asp Thr Phe
1 5 10

<210> 12028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12028
Asp Thr Phe Asp Pro Tyr Leu Ile Ala Met
1 5 10

<210> 12029
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12029
Cys Gln Pro Arg Phe Arg Leu Pro Lys
1 5

<210> 12030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12030
Arg Cys His Cys Gln Pro Arg Phe Arg

1 5

<210> 12031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12031
Lys Arg Cys His Cys Gln Pro Arg Phe
1 5

<210> 12032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12032
Arg Cys His Cys Gln Pro Arg Phe Arg Leu
1 5 10

<210> 12033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12033
His Cys Gln Pro Arg Phe Arg Leu Pro Lys
1 5 10

<210> 12034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12034
Cys Lys Arg Cys His Cys Gln Pro Arg Phe
1 5 10

<210> 12035

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12035
Gly Ser Phe Ser Glu Glu Thr His Trp
1 5

<210> 12036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12036
Gly Thr Arg Cys Gly Thr Cys Asn Thr
1 5

<210> 12037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12037
Gly Thr Arg Cys Gly Thr Cys Asn Thr Gly
1 5 10

<210> 12038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12038
Leu Thr Cys Ala Pro Asp Asn Gly Thr Arg
1 5 10

<210> 12039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12039
Leu Leu Asp Pro Ala Glu Gly Leu Leu
1 5

<210> 12040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12040
Leu Leu Arg Arg Lys Lys Thr Ser Leu
1 5

<210> 12041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12041
Gly Leu Leu Asp Pro Ala Glu Gly Leu Leu
1 5 10

<210> 12042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12042
Gly Leu Leu Arg Arg Lys Lys Thr Ser Leu
1 5 10

<210> 12043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12043
Leu Leu Arg Arg Lys Lys Thr Ser Leu Trp
1 5 10

<210> 12044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12044
Leu Arg Arg Lys Lys Thr Ser Leu Trp Phe
1 5 10

<210> 12045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12045
Leu Gln Pro Cys Ser Arg Phe Thr Val
1 5

<210> 12046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12046
Phe Thr Val Ala Pro Ser Ser Ala Leu
1 5

<210> 12047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12047
Thr Val Ala Pro Ser Ser Ala Leu Ala
1 5

<210> 12048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12048
Cys Ser Arg Phe Thr Val Ala Pro Ser
1 5

<210> 12049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12049
Arg Phe Thr Val Ala Pro Ser Ser Ala
1 5

<210> 12050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12050
Gln Pro Cys Ser Arg Phe Thr Val Ala
1 5

<210> 12051
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12051
Phe Thr Val Ala Pro Ser Ser Ala Leu Ala
1 5 10

<210> 12052
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12052
Cys Ser Arg Phe Thr Val Ala Pro Ser Ser
1 5 10

<210> 12053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12053
Leu Gln Pro Cys Ser Arg Phe Thr Val Ala
1 5 10

<210> 12054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12054
Ser Arg Phe Thr Val Ala Pro Ser Ser Ala
1 5 10

<210> 12055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12055
Arg Phe Thr Val Ala Pro Ser Ser Ala Leu
1 5 10

<210> 12056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12056
Pro Ser Arg Lys Ser Ser Asp His Arg Lys
1 5 10

<210> 12057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12057
Glu Lys Ala Gln Gly Gly Gln Glu Met
1 5

<210> 12058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12058
Ala Gln Gly Gly Gln Glu Met Glu Met
1 5

<210> 12059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12059
Gln Glu Met Glu Met Ile Ser Gly Thr
1 5

<210> 12060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12060
Glu Met Glu Met Ile Ser Gly Thr Met
1 5

<210> 12061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12061
Met Glu Met Ile Ser Gly Thr Met Thr
1 5

<210> 12062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12062
Gln Glu Met Glu Met Ile Ser Gly Thr Met
1 5 10

<210> 12063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12063
Val Glu Lys Ala Gln Gly Gly Gln Glu Met
1 5 10

<210> 12064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12064
Lys Ala Gln Gly Gly Gln Glu Met Glu Met
1 5 10

<210> 12065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12065
Met Glu Met Ile Ser Gly Thr Met Thr Ser
1 5 10

<210> 12066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12066
Arg Pro Ala Val Pro Val Leu Glu Leu
1 5

<210> 12067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12067
Val Gly Arg Pro Ala Val Pro Val Leu
1 5

<210> 12068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12068
Leu Ser Tyr Phe His Cys Asp Asp Leu
1 5

<210> 12069
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12069
Tyr Leu Ser Tyr Phe His Cys Asp Asp Leu
1 5 10

<210> 12070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12070
Val Gln Gln Asp Pro Leu Ser Ser His
1 5

<210> 12071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12071
Ser Ser His Pro Pro Glu Thr Cys Gln Met
1 5 10

<210> 12072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12072
His Leu Glu Asp Ser Gly Ile Ser Val
1 5

<210> 12073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12073
Ser Val Ala Gln Lys Gln Glu Pro Arg
1 5

<210> 12074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12074
Leu Glu Asp Ser Gly Ile Ser Val Ala
1 5

<210> 12075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12075
His Leu Glu Asp Ser Gly Ile Ser Val Ala
1 5 10

<210> 12076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12076
Ser Val Ala Gln Lys Gln Glu Pro Arg Val
1 5 10

<210> 12077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12077

Pro Gln Gln Leu Pro Ser Pro Pro Phe
1 5

<210> 12078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12078
Leu Pro Ser Pro Pro Phe Pro Pro His
1 5

<210> 12079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12079
Leu Pro Gln Gln Leu Pro Ser Pro Pro Phe
1 5 10

<210> 12080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12080
Gln Gln Leu Pro Ser Pro Pro Phe Pro Pro
1 5 10

<210> 12081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12081
Leu Leu Val Ala Thr Asn Thr Ser Thr
1 5

<210> 12082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12082
Tyr Arg Asp Gln Ser Phe Thr Thr Leu
1 5

<210> 12083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12083
Arg Asp Gln Ser Phe Thr Thr Leu Leu
1 5

<210> 12084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12084
Gln Ser Phe Thr Thr Leu Leu Val Ala
1 5

<210> 12085
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12085
Ile Tyr Arg Asp Gln Ser Phe Thr Thr Leu
1 5 10

<210> 12086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12086
Tyr Arg Asp Gln Ser Phe Thr Thr Leu Leu
1 5 10

<210> 12087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12087
Asp Gln Ser Phe Thr Thr Leu Leu Val Ala
1 5 10

<210> 12088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12088
Val Gln Arg Leu Arg Asn Ile Gln Val
1 5

<210> 12089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12089
Arg Leu Arg Asn Ile Gln Val Arg Thr
1 5

<210> 12090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12090
Arg Asn Ile Gln Val Arg Thr Val Lys
1 5

<210> 12091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12091
Arg Leu Arg Asn Ile Gln Val Arg Thr Val
1 5 10

<210> 12092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12092
Val Gln Arg Leu Arg Asn Ile Gln Val Arg
1 5 10

<210> 12093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12093
Gln Val Arg Thr Val Lys Gly Gln Asp Tyr
1 5 10

<210> 12094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12094
Leu Val Thr Trp Asp Thr Ala Leu Tyr

1 5

<210> 12095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12095
Gly Leu Val Thr Trp Asp Thr Ala Leu
1 5

<210> 12096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12096
Val Thr Trp Asp Thr Ala Leu Tyr Leu
1 5

<210> 12097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12097
Val Thr Trp Asp Thr Ala Leu Tyr Leu Ala
1 5 10

<210> 12098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12098
Gly Leu Val Thr Trp Asp Thr Ala Leu Tyr
1 5 10

<210> 12099

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12099
Leu Val Thr Trp Asp Thr Ala Leu Tyr Leu
1 5 10

<210> 12100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12100
Asp Thr Ala Leu Tyr Leu Ala Glu Trp Ala
1 5 10

<210> 12101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12101
Thr Ala Leu Tyr Leu Ala Glu Trp Ala Ile
1 5 10

<210> 12102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12102
Met Thr Arg Asn Tyr Phe Pro Thr Lys
1 5

<210> 12103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12103
Asn Tyr Phe Pro Thr Lys Ser Thr Trp
1 5

<210> 12104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12104
Tyr Phe Pro Thr Lys Ser Thr Trp Arg
1 5

<210> 12105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12105
Asn Leu Val Met Thr Arg Asn Tyr Phe
1 5

<210> 12106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12106
Trp Asn Leu Val Met Thr Arg Asn Tyr
1 5

<210> 12107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12107
Val Met Thr Arg Asn Tyr Phe Pro Thr Lys
1 5 10

<210> 12108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12108
Tyr Phe Pro Thr Lys Ser Thr Trp Arg Trp
1 5 10

<210> 12109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12109
Met Thr Arg Asn Tyr Phe Pro Thr Lys Ser
1 5 10

<210> 12110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12110
Lys Trp Asn Leu Val Met Thr Arg Asn Tyr
1 5 10

<210> 12111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12111
Asn Tyr Phe Pro Thr Lys Ser Thr Trp Arg
1 5 10

<210> 12112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12112
Leu Val Met Thr Arg Asn Tyr Phe Pro Thr
1 5 10

<210> 12113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12113
Trp Asn Leu Val Met Thr Arg Asn Tyr Phe
1 5 10

<210> 12114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12114
Arg Asn Tyr Phe Pro Thr Lys Ser Thr Trp
1 5 10

<210> 12115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12115
Gln Pro Thr Glu Leu Asn Leu Glu Val
1 5

<210> 12116
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12116
Ser Gln Pro Thr Glu Leu Asn Leu Glu Val
1 5 10

<210> 12117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12117
Leu Ala Ser Gln Pro Thr Glu Leu Asn Leu
1 5 10

<210> 12118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12118
Gln Pro Thr Glu Leu Asn Leu Glu Val Leu
1 5 10

<210> 12119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12119
Phe Leu Met Ala Ser Leu Asp Phe Cys
1 5

<210> 12120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12120
Thr Leu Glu Phe Leu Met Ala Ser Leu
1 5

<210> 12121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12121
Leu Met Ala Ser Leu Asp Phe Cys Lys
1 5

<210> 12122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12122
Glu Phe Leu Met Ala Ser Leu Asp Phe
1 5

<210> 12123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12123
Ala Ser Leu Asp Phe Cys Lys Ser Phe
1 5

<210> 12124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12124
Phe Leu Met Ala Ser Leu Asp Phe Cys Lys
1 5 10

<210> 12125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12125
Ser Leu Asp Phe Cys Lys Ser Phe Trp Lys
1 5 10

<210> 12126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12126
Asp Thr Leu Glu Phe Leu Met Ala Ser Leu
1 5 10

<210> 12127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12127
Met Ala Ser Leu Asp Phe Cys Lys Ser Phe
1 5 10

<210> 12128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12128
Leu Glu Phe Leu Met Ala Ser Leu Asp Phe
1 5 10

<210> 12129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12129
Ala Ser Leu Asp Phe Cys Lys Ser Phe Trp
1 5 10

<210> 12130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12130
Leu Asp Phe Cys Lys Ser Phe Trp Lys Ile
1 5 10

<210> 12131
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12131
Gly Val Asn Glu Ala Lys Ile Asp Lys
1 5

<210> 12132
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12132
Tyr Leu Ser Ile Leu Leu Glu Ser Val
1 5

<210> 12133
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12133
Ile Gly Tyr Lys Tyr Ala Ser Ser Lys
1 5

<210> 12134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12134
Lys Tyr Ala Ser Ser Lys Ser Tyr Leu
1 5

<210> 12135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12135
Ser Tyr Leu Ser Ile Leu Leu Glu Ser
1 5

<210> 12136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12136
Cys Phe Pro Arg Val Ile Gly Tyr Lys
1 5

<210> 12137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12137
Ala Ser Ser Lys Ser Tyr Leu Ser Ile
1 5

<210> 12138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12138
Ser Ser Lys Ser Tyr Leu Ser Ile Leu
1 5

<210> 12139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12139
Tyr Lys Tyr Ala Ser Ser Lys Ser Tyr
1 5

<210> 12140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12140
Ser Val Ser Ile Ser Thr His Gln Leu
1 5

<210> 12141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12141

Thr Cys Phe Pro Arg Val Ile Gly Tyr
1 5

<210> 12142
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12142
Phe Pro Arg Val Ile Gly Tyr Lys Tyr
1 5

<210> 12143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12143
Lys Lys Asn Thr Cys Phe Pro Arg Val
1 5

<210> 12144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12144
Ser Lys Ser Tyr Leu Ser Ile Leu Leu
1 5

<210> 12145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12145
Leu Glu Ser Val Ser Ile Ser Thr His
1 5

<210> 12146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12146
Ile Leu Leu Glu Ser Val Ser Ile Ser Thr
1 5 10

<210> 12147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12147
Val Ile Gly Tyr Lys Tyr Ala Ser Ser Lys
1 5 10

<210> 12148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12148
Thr Cys Phe Pro Arg Val Ile Gly Tyr Lys
1 5 10

<210> 12149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12149
Cys Phe Pro Arg Val Ile Gly Tyr Lys Tyr
1 5 10

<210> 12150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12150
Ser Tyr Leu Ser Ile Leu Leu Glu Ser Val
1 5 10

<210> 12151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12151
Ser Ser Lys Ser Tyr Leu Ser Ile Leu Leu
1 5 10

<210> 12152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12152
Asn Thr Cys Phe Pro Arg Val Ile Gly Tyr
1 5 10

<210> 12153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12153
Gly Tyr Lys Tyr Ala Ser Ser Lys Ser Tyr
1 5 10

<210> 12154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12154
Glu Ser Val Ser Ile Ser Thr His Gln Leu
1 5 10

<210> 12155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12155
Phe Pro Arg Val Ile Gly Tyr Lys Tyr Ala
1 5 10

<210> 12156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12156
Tyr Ala Ser Ser Lys Ser Tyr Leu Ser Ile
1 5 10

<210> 12157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12157
Met Lys Lys Asn Thr Cys Phe Pro Arg Val
1 5 10

<210> 12158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12158
Lys Lys Asn Thr Cys Phe Pro Arg Val Ile

1 5 10

<210> 12159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12159
Tyr Lys Tyr Ala Ser Ser Lys Ser Tyr Leu
1 5 10

<210> 12160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12160
Ala Ser Ser Lys Ser Tyr Leu Ser Ile Leu
1 5 10

<210> 12161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12161
Leu Ser Ile Leu Leu Glu Ser Val Ser Ile
1 5 10

<210> 12162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12162
His Leu Gln Leu Leu Gly Tyr Glu Val
1 5

<210> 12163

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12163
Leu Gln Leu Leu Gly Tyr Glu Val Val
1 5

<210> 12164
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12164
Leu Leu Gly Tyr Glu Val Val Gln Ile
1 5

<210> 12165
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12165
Gly Tyr Glu Val Val Gln Ile Pro Tyr
1 5

<210> 12166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12166
Tyr Glu Val Val Gln Ile Pro Tyr His
1 5

<210> 12167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12167
His Leu Gln Leu Leu Gly Tyr Glu Val Val
1 5 10

<210> 12168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12168
Gln Leu Leu Gly Tyr Glu Val Val Gln Ile
1 5 10

<210> 12169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12169
Leu Gly Tyr Glu Val Val Gln Ile Pro Tyr
1 5 10

<210> 12170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12170
Glu Val Val Gln Ile Pro Tyr His Glu Ile
1 5 10

<210> 12171
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12171
Arg His Leu Gln Leu Leu Gly Tyr Glu Val
1 5 10

<210> 12172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12172
Ser Ala Leu Glu Ser Leu Ser Glu Val
1 5

<210> 12173
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12173
Lys Pro Ser Gln Pro Tyr Ser Ala Leu
1 5

<210> 12174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12174
Gln Pro Tyr Ser Ala Leu Glu Ser Leu
1 5

<210> 12175
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12175
Tyr Ser Ala Leu Glu Ser Leu Ser Glu Val
1 5 10

<210> 12176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12176
Ser Gln Pro Tyr Ser Ala Leu Glu Ser Leu
1 5 10

<210> 12177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12177
Leu Glu Ser Leu Ser Glu Val Gln Ser Leu
1 5 10

<210> 12178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12178
Lys Ile Asn Ala Thr Asp Gln Asp Met
1 5

<210> 12179
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12179
Lys Ile Asn Ala Thr Asp Gln Asp Met Tyr
1 5 10

<210> 12180
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12180
Asn Ala Thr Asp Gln Asp Met Tyr Asp Val
1 5 10

<210> 12181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12181
Gly Lys Ile Asn Ala Thr Asp Gln Asp Met
1 5 10

<210> 12182
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12182
Glu Leu Ile Gly Ile Thr Val Val Leu
1 5

<210> 12183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12183
Ile Thr Val Val Leu Phe Val Ile Phe
1 5

<210> 12184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12184
Thr Val Val Leu Phe Val Ile Phe Ile
1 5

<210> 12185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12185
Lys Glu Glu Leu Ile Gly Ile Thr Val
1 5

<210> 12186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12186
Leu Ile Gly Ile Thr Val Val Leu Phe
1 5

<210> 12187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12187
Glu Glu Leu Ile Gly Ile Thr Val Val
1 5

<210> 12188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12188
Leu Ile Gly Ile Thr Val Val Leu Phe Val
1 5 10

<210> 12189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12189
Ile Gly Ile Thr Val Val Leu Phe Val Ile
1 5 10

<210> 12190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12190
Ile Thr Val Val Leu Phe Val Ile Phe Ile
1 5 10

<210> 12191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12191
Thr Val Val Leu Phe Val Ile Phe Ile Leu
1 5 10

<210> 12192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12192
Glu Leu Ile Gly Ile Thr Val Val Leu Phe
1 5 10

<210> 12193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12193
Lys Glu Glu Leu Ile Gly Ile Thr Val Val
1 5 10

<210> 12194
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12194
Gly Ile Thr Val Val Leu Phe Val Ile Phe
1 5 10

<210> 12195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12195
Glu Glu Leu Ile Gly Ile Thr Val Val Leu
1 5 10

<210> 12196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12196
Lys Val Tyr Gln Ile Lys Leu Pro Glu His
1 5 10

<210> 12197
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12197
Gln Ile Lys Leu Pro Glu His Asp Arg Lys
1 5 10

<210> 12198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12198
Ile Leu Leu Leu Pro Thr Tyr Val Val
1 5

<210> 12199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12199
Leu Leu Leu Pro Thr Tyr Val Val Val
1 5

<210> 12200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12200
Tyr Val Val Val Glu Val Leu Lys Val
1 5

<210> 12201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12201
Leu Pro Thr Tyr Val Val Val Glu Val
1 5

<210> 12202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12202
Thr Ile Leu Leu Leu Pro Thr Tyr Val Val
1 5 10

<210> 12203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12203
Ile Leu Leu Leu Pro Thr Tyr Val Val Val
1 5 10

<210> 12204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12204
Leu Leu Pro Thr Tyr Val Val Val Glu Val
1 5 10

<210> 12205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12205

Pro Thr Tyr Val Val Val Glu Val Leu Lys
1 5 10

<210> 12206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12206
Thr Tyr Val Val Val Glu Val Leu Lys Val
1 5 10

<210> 12207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12207
Leu Pro Thr Tyr Val Val Val Glu Val Leu
1 5 10

<210> 12208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12208
Glu Val Ala Lys Met Pro Ala Arg Ala
1 5

<210> 12209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12209
Lys Glu Glu Val Ala Lys Met Pro Ala
1 5

<210> 12210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12210
Arg Ser Pro Ala Lys Glu Glu Val Ala Lys
1 5 10

<210> 12211
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12211
Ser Pro Ala Lys Glu Glu Val Ala Lys Met
1 5 10

<210> 12212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12212
Glu Glu Val Ala Lys Met Pro Ala Arg Ala
1 5 10

<210> 12213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12213
Arg Asn Thr Ala Arg His Lys Arg Lys
1 5

<210> 12214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12214
Thr Ala Arg His Lys Arg Lys Lys Lys
1 5

<210> 12215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12215
Lys Trp Arg Asn Thr Ala Arg His Lys Arg
1 5 10

<210> 12216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12216
Arg Asn Thr Ala Arg His Lys Arg Lys Lys
1 5 10

<210> 12217
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12217
Arg Lys Lys Lys Glu Asp Glu Leu Ile Leu
1 5 10

<210> 12218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12218
Ser Val Trp Arg Gly Gly Glu Ala Lys
1 5

<210> 12219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12219
Lys Ser Val Trp Arg Gly Gly Glu Ala
1 5

<210> 12220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12220
Lys Ser Val Trp Arg Gly Gly Glu Ala Lys
1 5 10

<210> 12221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12221
Gly Glu Ala Lys Leu His Leu Arg Arg Ala
1 5 10

<210> 12222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12222
Cys Gln Asp Ser Glu Gly Asp Ile Ile

1 5

<210> 12223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12223
Ser Glu Gly Asp Ile Ile Phe Pro Ala
1 5

<210> 12224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12224
Ile Ile Phe Pro Ala Glu Ser Ser Cys Ala
1 5 10

<210> 12225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12225
Cys Gln Asp Ser Glu Gly Asp Ile Ile Phe
1 5 10

<210> 12226
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12226
Ile Phe Leu Arg Met Asn Trp Cys Val
1 5

<210> 12227

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12227
Phe Leu Arg Met Asn Trp Cys Val Ser
1 5

<210> 12228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12228
Pro Glu Ile Phe Leu Arg Met Asn Trp
1 5

<210> 12229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12229
Glu Ile Phe Leu Arg Met Asn Trp Cys Val
1 5 10

<210> 12230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12230
Leu Glu Gly Pro Glu Ile Phe Leu Arg Met
1 5 10

<210> 12231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12231
Gly Pro Glu Ile Phe Leu Arg Met Asn Trp
1 5 10

<210> 12232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12232
Gly Val Ala Gln Ala Cys Glu Glu Tyr
1 5

<210> 12233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12233
Ala Pro Gln Asp Pro Gly Gly Val Ala
1 5

<210> 12234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12234
Gly Gly Val Ala Gln Ala Cys Glu Glu Tyr
1 5 10

<210> 12235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12235
Ala Gln Cys Gly Gln Gly Ala Ala Val
1 5

<210> 12236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12236
Ala Val Arg Ala Ala Arg Gly Arg Glu
1 5

<210> 12237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12237
Gln Gly Ala Ala Val Arg Ala Ala Arg
1 5

<210> 12238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12238
Gly Gln Gly Ala Ala Val Arg Ala Ala
1 5

<210> 12239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12239
Val Arg Ala Ala Arg Gly Arg Glu Leu
1 5

<210> 12240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12240
Ala Val Arg Ala Ala Arg Gly Arg Glu Leu
1 5 10

<210> 12241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12241
Gln Pro Ala Gln Cys Gly Gln Gly Ala Ala
1 5 10

<210> 12242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12242
Thr Leu Val Gly His Thr Gly Val Val
1 5

<210> 12243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12243
Gly Val Val Trp Ser Ser Gln Met Arg
1 5

<210> 12244
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12244
Arg Thr Leu Val Gly His Thr Gly Val
1 5

<210> 12245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12245
Leu Val Gly His Thr Gly Val Val Trp
1 5

<210> 12246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12246
Thr Gly Val Val Trp Ser Ser Gln Met
1 5

<210> 12247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12247
Arg Thr Leu Val Gly His Thr Gly Val Val
1 5 10

<210> 12248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12248
Thr Leu Val Gly His Thr Gly Val Val Trp
1 5 10

<210> 12249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12249
His Thr Gly Val Val Trp Ser Ser Gln Met
1 5 10

<210> 12250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12250
Ser Thr Val Cys Cys Met His Leu His
1 5

<210> 12251
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12251
Gly His Thr Ser Thr Val Cys Cys Met
1 5

<210> 12252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12252
Thr Leu Tyr Gly His Thr Ser Thr Val Cys
1 5 10

<210> 12253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12253
Thr Val Cys Cys Met His Leu His Glu Lys
1 5 10

<210> 12254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12254
His Thr Ser Thr Val Cys Cys Met His Leu
1 5 10

<210> 12255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12255
Tyr Gly His Thr Ser Thr Val Cys Cys Met
1 5 10

<210> 12256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12256
Ser Thr Val His Cys Met His Leu His
1 5

<210> 12257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12257
His Cys Met His Leu His Glu Lys Arg
1 5

<210> 12258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12258
Gly His Thr Ser Thr Val His Cys Met
1 5

<210> 12259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12259
Thr Val His Cys Met His Leu His Glu Lys
1 5 10

<210> 12260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12260
His Thr Ser Thr Val His Cys Met His Leu
1 5 10

<210> 12261
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12261
Thr Leu Tyr Gly His Thr Ser Thr Val His
1 5 10

<210> 12262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12262
Tyr Gly His Thr Ser Thr Val His Cys Met
1 5 10

<210> 12263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12263
Ser Gln Asp Ala Thr Leu Arg Val Trp
1 5

<210> 12264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12264
Val Ala Ala Val Gly Cys Val Gln Tyr
1 5

<210> 12265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12265
His Val Ala Ala Val Gly Cys Val Gln Tyr
1 5 10

<210> 12266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12266
Val Ala Ala Val Cys Cys Val Gln Tyr
1 5

<210> 12267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12267
Val Leu Met Gly His Val Ala Ala Val Cys
1 5 10

<210> 12268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12268
His Val Ala Ala Val Cys Cys Val Gln Tyr
1 5 10

<210> 12269
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12269

Ala Val Cys Cys Val Gln Tyr Asp Gly Arg
1 5 10

<210> 12270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12270
Leu Leu Gln Phe Asp Gly Ile His Val
1 5

<210> 12271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12271
Val Tyr Leu Leu Gln Phe Asp Gly Ile
1 5

<210> 12272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12272
Thr Asn Arg Val Tyr Leu Leu Gln Phe
1 5

<210> 12273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12273
Tyr Leu Leu Gln Phe Asp Gly Ile His
1 5

<210> 12274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12274
Tyr Leu Leu Gln Phe Asp Gly Ile His Val
1 5 10

<210> 12275
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12275
Leu Leu Gln Phe Asp Gly Ile His Val Val
1 5 10

<210> 12276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12276
Arg Val Tyr Leu Leu Gln Phe Asp Gly Ile
1 5 10

<210> 12277
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12277
His Thr Asn Arg Val Tyr Leu Leu Gln Phe
1 5 10

<210> 12278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12278
Leu Gln Gly His Thr Asn Arg Val Tyr Leu
1 5 10

<210> 12279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12279
Gln Leu Leu Thr Ser Gly Met Glu Leu
1 5

<210> 12280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12280
Leu Leu Thr Ser Gly Met Glu Leu Lys
1 5

<210> 12281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12281
His Thr Leu Thr Gly His Gln Leu Leu
1 5

<210> 12282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12282
Ile His Thr Leu Thr Gly His Gln Leu
1 5

<210> 12283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12283
Gly His Gln Leu Leu Thr Ser Gly Met
1 5

<210> 12284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12284
Gln Leu Leu Thr Ser Gly Met Glu Leu Lys
1 5 10

<210> 12285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12285
Ile His Thr Leu Thr Gly His Gln Leu Leu
1 5 10

<210> 12286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12286
Thr Gly His Gln Leu Leu Thr Ser Gly Met

1 5 10

<210> 12287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12287
His Gln Leu Leu Thr Ser Gly Met Glu Leu
1 5 10

<210> 12288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12288
Lys Leu Val Cys Ala Val Gly Ser Trp
1 5

<210> 12289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12289
Gly Ser Trp Asn Gly Thr Glu Glu Thr Lys
1 5 10

<210> 12290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12290
Thr Lys Leu Val Cys Ala Val Gly Ser Trp
1 5 10

<210> 12291

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12291
Lys Arg Arg Gln Thr Gly Gly Ser Leu
1 5

<210> 12292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12292
Arg Gln Thr Gly Gly Ser Leu Arg Gly
1 5

<210> 12293
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12293
Lys Arg Arg Gln Thr Gly Gly Ser Leu Arg
1 5 10

<210> 12294
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12294
Ser Lys Arg Arg Gln Thr Gly Gly Ser Leu
1 5 10

<210> 12295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12295
Gly Trp Gly Gly Ala Phe Glu Gly Leu
1 5

<210> 12296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12296
Ala Leu Met Gly Trp Gly Gly Ala Phe
1 5

<210> 12297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12297
Asp Ala Leu Met Gly Trp Gly Gly Ala Phe
1 5 10

<210> 12298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12298
Met Gly Trp Gly Gly Ala Phe Glu Gly Leu
1 5 10

<210> 12299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12299
Arg Met Ala Met Ala Gly Leu Val Leu
1 5

<210> 12300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12300
Met Ala Met Ala Gly Leu Val Leu Val
1 5

<210> 12301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12301
Ala Met Ala Gly Leu Val Leu Val Ala
1 5

<210> 12302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12302
Leu Ile Arg Met Ala Met Ala Gly Leu
1 5

<210> 12303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12303
Thr Gln Asn Leu Ile Arg Met Ala Met
1 5

<210> 12304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12304
Ile Arg Met Ala Met Ala Gly Leu Val
1 5

<210> 12305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12305
Met Ala Gly Leu Val Leu Val Ala Leu
1 5

<210> 12306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12306
Asn Leu Ile Arg Met Ala Met Ala Gly Leu
1 5 10

<210> 12307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12307
Arg Met Ala Met Ala Gly Leu Val Leu Val
1 5 10

<210> 12308
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12308
Met Ala Met Ala Gly Leu Val Leu Val Ala
1 5 10

<210> 12309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12309
Ala Met Ala Gly Leu Val Leu Val Ala Leu
1 5 10

<210> 12310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12310
Leu Ile Arg Met Ala Met Ala Gly Leu Val
1 5 10

<210> 12311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12311
Ile Arg Met Ala Met Ala Gly Leu Val Leu
1 5 10

<210> 12312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12312
Val Met Val Cys Gln Glu His Ser Cys Lys
1 5 10

<210> 12313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12313
Ala Leu Arg Gly Gly Gly Gln Ser Ala
1 5

<210> 12314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12314
Gly Gln Ser Ala Asn Ala Leu Ala Phe
1 5

<210> 12315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12315
Leu Ala Leu Arg Gly Gly Gly Gln Ser Ala
1 5 10

<210> 12316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12316
Gly Gly Gln Ser Ala Asn Ala Leu Ala Phe
1 5 10

<210> 12317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12317
Arg Pro Gly Leu His Arg Phe Val Val
1 5

<210> 12318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12318
Val Val Leu Gln Glu Asn Val Ala Trp
1 5

<210> 12319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12319
Gly Thr Arg Pro Gly Leu His Arg Phe Val
1 5 10

<210> 12320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12320
Arg Pro Gly Leu His Arg Phe Val Val Leu
1 5 10

<210> 12321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12321
Phe Val Val Leu Gln Glu Asn Val Ala Trp
1 5 10

<210> 12322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12322
Ile Val Ala Gly Val Ile Ala Thr Ala
1 5

<210> 12323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12323
Pro Met Gly Ile Ile Val Ala Gly Val
1 5

<210> 12324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12324
Ser Pro Met Gly Ile Ile Val Ala Gly
1 5

<210> 12325
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12325
Ile Ile Val Ala Gly Val Ile Ala Thr Ala
1 5 10

<210> 12326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12326
Ile Val Ala Gly Val Ile Ala Thr Ala Val
1 5 10

<210> 12327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12327
Gly Val Ile Ala Thr Ala Val Ala Ala Ile
1 5 10

<210> 12328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12328
Ser Pro Met Gly Ile Ile Val Ala Gly Val
1 5 10

<210> 12329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12329
His Leu Thr Ala Val Ser Ser Ala Ala
1 5

<210> 12330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12330
Ser Ser Ala Ala Pro Gly Thr Pro Ala
1 5

<210> 12331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12331
Ser Ala Ala Pro Gly Thr Pro Ala Phe
1 5

<210> 12332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12332
Tyr His Leu Thr Ala Val Ser Ser Ala
1 5

<210> 12333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12333

Ser Ser Ala Ala Pro Gly Thr Pro Ala Phe
1 5 10

<210> 12334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12334
Tyr His Leu Thr Ala Val Ser Ser Ala Ala
1 5 10

<210> 12335
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12335
Ser Ala Ala Pro Gly Thr Pro Ala Phe Trp
1 5 10

<210> 12336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12336
Ser Gln Val Ile Tyr Ser Ser Leu Lys
1 5

<210> 12337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12337
Gln Val Ile Tyr Ser Ser Leu Lys Lys
1 5

<210> 12338
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12338
Ser Gln Val Ile Tyr Ser Ser Leu Lys Lys
1 5 10

<210> 12339
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12339
Asp Ser Gln Val Ile Tyr Ser Ser Leu Lys
1 5 10

<210> 12340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12340
Lys Asp Ser Gln Val Ile Tyr Ser Ser Leu
1 5 10

<210> 12341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12341
Thr Ala Tyr Glu Met Leu Asp Glu Lys
1 5

<210> 12342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12342
Ala Phe Lys Lys Thr Ala Tyr Glu Met
1 5

<210> 12343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12343
Phe Lys Lys Thr Ala Tyr Glu Met Leu
1 5

<210> 12344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12344
Tyr Glu Met Leu Asp Glu Lys Leu Leu
1 5

<210> 12345
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12345
Lys Thr Ala Tyr Glu Met Leu Asp Glu Lys
1 5 10

<210> 12346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12346
Glu Met Leu Asp Glu Lys Leu Leu Ala Arg
1 5 10

<210> 12347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12347
Asn Ala Phe Lys Lys Thr Ala Tyr Glu Met
1 5 10

<210> 12348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12348
Tyr Glu Met Leu Asp Glu Lys Leu Leu Ala
1 5 10

<210> 12349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12349
Cys Ile Asp Ser Arg Ala Leu Gly Phe
1 5

<210> 12350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12350
Arg Val Met Gly Asn Leu Val Asn Met

1 5

<210> 12351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12351
Ile Leu Met Asp Arg Gly Asp Ile Leu
1 5

<210> 12352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12352
Leu Val Asn Met Ser Phe Leu Tyr Ile
1 5

<210> 12353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12353
Asn Met Ser Phe Leu Tyr Ile Leu Met
1 5

<210> 12354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12354
Leu Ile Thr Cys Ile Asp Ser Arg Ala
1 5

<210> 12355

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12355
Ser Tyr Asn Met Leu Ile Thr Cys Ile
1 5

<210> 12356
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12356
Arg Ala Leu Gly Phe Gln Thr Phe Leu
1 5

<210> 12357
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12357
Asn Leu Val Asn Met Ser Phe Leu Tyr
1 5

<210> 12358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12358
Met Asp Arg Gly Asp Ile Leu Ser Tyr
1 5

<210> 12359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12359
Ser Phe Leu Tyr Ile Leu Met Asp Arg
1 5

<210> 12360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12360
Met Leu Ile Thr Cys Ile Asp Ser Arg
1 5

<210> 12361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12361
Glu Thr Phe Trp Cys Glu Arg Val Met
1 5

<210> 12362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12362
Asp Ile Leu Ser Tyr Asn Met Leu Ile
1 5

<210> 12363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12363
Met Gly Asn Leu Val Asn Met Ser Phe
1 5

<210> 12364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12364
Cys Glu Arg Val Met Gly Asn Leu Val
1 5

<210> 12365
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12365
Val Asn Met Ser Phe Leu Tyr Ile Leu
1 5

<210> 12366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12366
Arg Gly Asp Ile Leu Ser Tyr Asn Met
1 5

<210> 12367
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12367
Ser Arg Ala Leu Gly Phe Gln Thr Phe
1 5

<210> 12368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12368
Leu Gly Phe Gln Thr Phe Leu Asn Leu
1 5

<210> 12369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12369
Lys Glu Thr Phe Trp Cys Glu Arg Val
1 5

<210> 12370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12370
Gly Asp Ile Leu Ser Tyr Asn Met Leu
1 5

<210> 12371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12371
Leu Met Asp Arg Gly Asp Ile Leu Ser Tyr
1 5 10

<210> 12372
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12372
Asn Leu Val Asn Met Ser Phe Leu Tyr Ile
1 5 10

<210> 12373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12373
Met Leu Ile Thr Cys Ile Asp Ser Arg Ala
1 5 10

<210> 12374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12374
Ala Leu Gly Phe Gln Thr Phe Leu Asn Leu
1 5 10

<210> 12375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12375
Met Ser Phe Leu Tyr Ile Leu Met Asp Arg
1 5 10

<210> 12376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12376
Val Met Gly Asn Leu Val Asn Met Ser Phe
1 5 10

<210> 12377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12377
Leu Tyr Ile Leu Met Asp Arg Gly Asp Ile
1 5 10

<210> 12378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12378
Lys Asn Lys Glu Thr Phe Trp Cys Glu Arg
1 5 10

<210> 12379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12379
Gly Asn Leu Val Asn Met Ser Phe Leu Tyr
1 5 10

<210> 12380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12380
Asn Met Leu Ile Thr Cys Ile Asp Ser Arg
1 5 10

<210> 12381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12381
Asp Ser Arg Ala Leu Gly Phe Gln Thr Phe
1 5 10

<210> 12382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12382
Gln Glu Leu Leu Lys Asn Lys Glu Thr Phe
1 5 10

<210> 12383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12383
Lys Glu Thr Phe Trp Cys Glu Arg Val Met
1 5 10

<210> 12384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12384
Leu Val Asn Met Ser Phe Leu Tyr Ile Leu
1 5 10

<210> 12385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12385
Val Asn Met Ser Phe Leu Tyr Ile Leu Met
1 5 10

<210> 12386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12386
Leu Ser Tyr Asn Met Leu Ile Thr Cys Ile
1 5 10

<210> 12387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12387
Thr Cys Ile Asp Ser Arg Ala Leu Gly Phe
1 5 10

<210> 12388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12388
Ser Arg Ala Leu Gly Phe Gln Thr Phe Leu
1 5 10

<210> 12389
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12389
Gly Asp Ile Leu Ser Tyr Asn Met Leu Ile
1 5 10

<210> 12390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12390
Ser Leu Leu Gly Arg His Lys Arg Lys
1 5

<210> 12391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12391
Gly Val Ser Leu Leu Gly Arg His Lys
1 5

<210> 12392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12392
Val Ser Leu Leu Gly Arg His Lys Arg
1 5

<210> 12393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12393
His Lys Arg Lys Arg Val Ile Thr Tyr
1 5

<210> 12394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12394
Val Ser Leu Leu Gly Arg His Lys Arg Lys
1 5 10

<210> 12395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12395
Arg Gly Val Ser Leu Leu Gly Arg His Lys
1 5 10

<210> 12396
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12396
Ser Leu Leu Gly Arg His Lys Arg Lys Arg
1 5 10

<210> 12397
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12397

Leu Gly Arg His Lys Arg Lys Arg Val Ile
1 5 10

<210> 12398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12398
Arg His Lys Arg Lys Arg Val Ile Thr Tyr
1 5 10

<210> 12399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12399
Ala Leu Ala Cys Ser Leu Glu Glu Lys
1 5

<210> 12400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12400
Gly Gly Ala Asp Gly Phe Pro Ala Leu
1 5

<210> 12401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12401
Ala Leu Ala Cys Ser Leu Glu Glu Lys Leu
1 5 10

<210> 12402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12402
Phe Pro Ala Leu Ala Cys Ser Leu Glu Glu
1 5 10

<210> 12403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12403
Tyr Lys Val Pro Ser Lys Thr Leu Leu
1 5

<210> 12404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12404
Met Ile Pro Leu Gln Pro Leu Gly Tyr Lys
1 5 10

<210> 12405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12405
Lys Val Pro Ser Lys Thr Leu Leu Ser Tyr
1 5 10

<210> 12406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12406
Leu Gly Tyr Lys Val Pro Ser Lys Thr Leu
1 5 10

<210> 12407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12407
Ile Pro Leu Gln Pro Leu Gly Tyr Lys Val
1 5 10

<210> 12408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12408
Arg Met Gly Pro Thr Gln Leu Leu Ile
1 5

<210> 12409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12409
Leu Thr Arg Met Gly Pro Thr Gln Leu
1 5

<210> 12410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12410
Gly Pro Thr Gln Leu Leu Ile Glu Met
1 5

<210> 12411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12411
Thr Arg Met Gly Pro Thr Gln Leu Leu
1 5

<210> 12412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12412
Gln Leu Thr Arg Met Gly Pro Thr Gln Leu
1 5 10

<210> 12413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12413
Leu Thr Arg Met Gly Pro Thr Gln Leu Leu
1 5 10

<210> 12414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12414
Ser Gln Leu Thr Arg Met Gly Pro Thr Gln

1 5 10

<210> 12415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12415
Val Met Pro Ser Lys Ser Thr Ser Ala
1 5

<210> 12416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12416
Met Pro Ser Lys Ser Thr Ser Ala Ser
1 5

<210> 12417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12417
Gly Val Met Pro Ser Lys Ser Thr Ser Ala
1 5 10

<210> 12418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12418
Val Pro Lys Pro Gly Val Met Pro Ser Lys
1 5 10

<210> 12419

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12419
Met Pro Ser Lys Ser Thr Ser Ala Ser Ala
1 5 10

<210> 12420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12420
Gly Glu Thr Val Pro Lys Pro Gly Val Met
1 5 10

<210> 12421
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12421
Val Thr Pro Ser Lys Ser Thr Ser Val
1 5

<210> 12422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12422
Val Ser Ala Ile Met Asn Gly Gly Lys
1 5

<210> 12423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12423
Lys Ser Thr Ser Val Ser Ala Ile Met
1 5

<210> 12424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12424
Ser Lys Ser Thr Ser Val Ser Ala Ile
1 5

<210> 12425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12425
Gly Val Thr Pro Ser Lys Ser Thr Ser Val
1 5 10

<210> 12426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12426
Ser Val Ser Ala Ile Met Asn Gly Gly Lys
1 5 10

<210> 12427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12427
Thr Pro Ser Lys Ser Thr Ser Val Ser Ala
1 5 10

<210> 12428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12428
Ser Lys Ser Thr Ser Val Ser Ala Ile Met
1 5 10

<210> 12429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12429
Tyr Ala Gly Ile Leu Ser Tyr Arg Val
1 5

<210> 12430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12430
Ile Leu Ser Tyr Arg Val Gly Phe Phe
1 5

<210> 12431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12431
Ser Tyr Arg Val Gly Phe Phe Leu Phe
1 5

<210> 12432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12432
Val Tyr Ala Gly Ile Leu Ser Tyr Arg
1 5

<210> 12433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12433
Gly Ile Leu Ser Tyr Arg Val Gly Phe
1 5

<210> 12434
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12434
Leu Ser Tyr Arg Val Gly Phe Phe Leu
1 5

<210> 12435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12435
Ile Leu Ser Tyr Arg Val Gly Phe Phe Leu
1 5 10

<210> 12436
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12436
Arg Val Gly Phe Phe Leu Phe Ile Leu Val
1 5 10

<210> 12437
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12437
Ser Val Tyr Ala Gly Ile Leu Ser Tyr Arg
1 5 10

<210> 12438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12438
Val Tyr Ala Gly Ile Leu Ser Tyr Arg Val
1 5 10

<210> 12439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12439
Leu Ser Tyr Arg Val Gly Phe Phe Leu Phe
1 5 10

<210> 12440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12440
Ser Tyr Arg Val Gly Phe Phe Leu Phe Ile
1 5 10

<210> 12441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12441
Ala Gly Ile Leu Ser Tyr Arg Val Gly Phe
1 5 10

<210> 12442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12442
Gly Ile Leu Ser Tyr Arg Val Gly Phe Phe
1 5 10

<210> 12443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12443
Tyr Arg Val Gly Phe Phe Leu Phe Ile Leu
1 5 10

<210> 12444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12444
Leu Leu Leu Arg His Leu Gln Ala Ala
1 5

<210> 12445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12445
Arg Ala Arg Arg Ala Pro Gly Pro Gly
1 5

<210> 12446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12446
Leu Leu Arg His Leu Gln Ala Ala Arg
1 5

<210> 12447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12447
Arg Leu Arg Ala Gly Pro Gly Arg Ala
1 5

<210> 12448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12448
Gly Pro Gly His Gly Val Leu Gly Leu
1 5

<210> 12449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12449
Phe Leu Arg Ala Arg Arg Ala Pro Gly
1 5

<210> 12450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12450
Leu Gln Ala Ala Arg Gly Ala Ala His
1 5

<210> 12451
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12451
Arg Glu Phe Leu Arg Ala Arg Arg Ala
1 5

<210> 12452
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12452
Ala Arg Arg Ala Pro Gly Pro Gly Leu
1 5

<210> 12453
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12453
Arg Arg Ala Pro Gly Pro Gly Leu Leu
1 5

<210> 12454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12454
Arg Ala Pro Gly Pro Gly Leu Leu Leu
1 5

<210> 12455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12455
Arg His Leu Gln Ala Ala Arg Gly Ala
1 5

<210> 12456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12456
Ala His Leu Gln Gly Pro Gly Val Leu
1 5

<210> 12457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12457
Leu Gln Gly Pro Gly Val Leu Cys Leu
1 5

<210> 12458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12458
Leu Gln Glu Asp Asp Gln Arg Pro Ala
1 5

<210> 12459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12459
Leu Pro Gly Gly Pro Gly His Gly Val
1 5

<210> 12460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12460
Cys Leu Pro Gly Gly Pro Gly His Gly Val
1 5 10

<210> 12461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12461

Gly Leu Leu Leu Arg His Leu Gln Ala Ala
1 5 10

<210> 12462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12462
Leu Gln Ala Ala Arg Gly Ala Ala His Leu
1 5 10

<210> 12463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12463
Leu Leu Gln Glu Asp Asp Gln Arg Pro Ala
1 5 10

<210> 12464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12464
Arg Ala Arg Arg Ala Pro Gly Pro Gly Leu
1 5 10

<210> 12465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12465
Arg Leu Arg Ala Gly Pro Gly Arg Ala Gln
1 5 10

<210> 12466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12466
Arg Ala Gly Pro Gly Arg Ala Gln Pro Arg
1 5 10

<210> 12467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12467
Leu Leu Leu Arg His Leu Gln Ala Ala Arg
1 5 10

<210> 12468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12468
Leu Pro Gly Gly Pro Gly His Gly Val Leu
1 5 10

<210> 12469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12469
Arg Pro Ala Ala Arg Glu Val Asp Gly Ala
1 5 10

<210> 12470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12470
Phe Leu Arg Ala Arg Arg Ala Pro Gly Pro
1 5 10

<210> 12471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12471
Arg Glu Phe Leu Arg Ala Arg Arg Ala Pro
1 5 10

<210> 12472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12472
Arg Arg Ala Pro Gly Pro Gly Leu Leu Leu
1 5 10

<210> 12473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12473
Arg His Leu Gln Ala Ala Arg Gly Ala Ala
1 5 10

<210> 12474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12474
His Leu Gln Ala Ala Arg Gly Ala Ala His
1 5 10

<210> 12475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12475
Ala Ala His Leu Gln Gly Pro Gly Val Leu
1 5 10

<210> 12476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12476
His Leu Gln Gly Pro Gly Val Leu Cys Leu
1 5 10

<210> 12477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12477
Leu Gln Glu Asp Asp Gln Arg Pro Ala Ala
1 5 10

<210> 12478
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12478
His Ala Asn Cys Thr His Asp Leu Tyr

1 5

<210> 12479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12479
Lys His Ala Asn Cys Thr His Asp Leu Tyr
1 5 10

<210> 12480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12480
Arg Met Asp Lys His Ala Asn Cys Thr His
1 5 10

<210> 12481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12481
His Ala Asn Cys Thr His Asp Leu Tyr Met
1 5 10

<210> 12482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12482
Arg Ile Leu Pro Pro Gly Ala Glu Val
1 5

<210> 12483

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12483
Arg Leu Ser Ala Asp Gly Glu Thr Ala
1 5

<210> 12484
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12484
Cys Val Cys Val Cys Ala His Pro Arg
1 5

<210> 12485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12485
Gly Ser Arg Thr Ser Arg Ala Thr Gly
1 5

<210> 12486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12486
Gly Ser Leu Ala Ala His Pro Ala Ala
1 5

<210> 12487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12487
Cys Val Arg Ile Leu Pro Pro Gly Ala
1 5

<210> 12488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12488
Leu Leu Thr Gly Ala Ala Ala Pro Arg
1 5

<210> 12489
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12489
Leu Ala Ala His Pro Ala Ala Gly Ala
1 5

<210> 12490
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12490
Glu Thr Ala Thr Gln Ser Phe Gly Leu
1 5

<210> 12491
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12491
Gln Ser Phe Gly Leu Cys Val Cys Val
1 5

<210> 12492
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12492
Glu Val Pro Trp Val Ser Pro Leu Leu
1 5

<210> 12493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12493
Gly Pro Gln Gln Cys Glu Gly Ser Leu
1 5

<210> 12494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12494
His Pro Ala Ala Gly Ala Gln Pro Leu
1 5

<210> 12495
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12495
Ser Pro Leu Leu Cys Asn Gly Leu Leu
1 5

<210> 12496
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12496
Gln Gln Cys Glu Gly Ser Leu Ala Ala
1 5

<210> 12497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12497
Ala Gly Ala Gln Pro Leu Pro Gly Met
1 5

<210> 12498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12498
Ala Gln Pro Leu Pro Gly Met Arg Leu
1 5

<210> 12499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12499
Ala Glu Val Pro Trp Val Ser Pro Leu
1 5

<210> 12500
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12500
Leu Pro Pro Gly Ala Glu Val Pro Trp
1 5

<210> 12501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12501
Val Pro Trp Val Ser Pro Leu Leu Cys
1 5

<210> 12502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12502
Ser Leu Ala Ala His Pro Ala Ala Gly Ala
1 5 10

<210> 12503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12503
Thr Gln Ser Phe Gly Leu Cys Val Cys Val
1 5 10

<210> 12504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12504
Gly Leu Cys Val Cys Val Cys Val Cys Val
1 5 10

<210> 12505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12505
Leu Leu Cys Asn Gly Leu Leu Thr Gly Ala
1 5 10

<210> 12506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12506
Trp Val Ser Pro Leu Leu Cys Asn Gly Leu
1 5 10

<210> 12507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12507
Ile Leu Pro Pro Gly Ala Glu Val Pro Trp
1 5 10

<210> 12508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12508
Glu Thr Ala Thr Gln Ser Phe Gly Leu Cys
1 5 10

<210> 12509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12509
Cys Val Cys Ala His Pro Arg Val Pro Val
1 5 10

<210> 12510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12510
Gln Pro Leu Pro Gly Met Arg Leu Ser Ala
1 5 10

<210> 12511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12511
His Pro Arg Val Pro Val Cys Val Arg Ile
1 5 10

<210> 12512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12512
Gln Gln Cys Glu Gly Ser Leu Ala Ala His
1 5 10

<210> 12513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12513
Ala Asp Gly Glu Thr Ala Thr Gln Ser Phe
1 5 10

<210> 12514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12514
Gly Glu Thr Ala Thr Gln Ser Phe Gly Leu
1 5 10

<210> 12515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12515
Ala Glu Val Pro Trp Val Ser Pro Leu Leu
1 5 10

<210> 12516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12516
Cys Glu Gly Ser Leu Ala Ala His Pro Ala
1 5 10

<210> 12517
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12517
Leu Pro Pro Gly Ala Glu Val Pro Trp Val
1 5 10

<210> 12518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12518
Asp Val Leu Glu Cys Ser Pro His Arg
1 5

<210> 12519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12519
Leu Glu Cys Ser Pro His Arg Pro Ile
1 5

<210> 12520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12520
Leu Glu Cys Ser Pro His Arg Pro Ile Leu
1 5 10

<210> 12521
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12521
Asp Val Leu Glu Arg Cys Pro His Arg
1 5

<210> 12522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12522
Leu Glu Arg Cys Pro His Arg Pro Ile
1 5

<210> 12523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12523
Cys Pro His Arg Pro Ile Leu Gln Ala
1 5

<210> 12524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12524
Leu Glu Arg Cys Pro His Arg Pro Ile Leu
1 5 10

<210> 12525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12525

Ser Val Leu Asp Gly Thr Val Ser Ala
1 5

<210> 12526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12526
Val Leu Asp Gly Thr Val Ser Ala Val
1 5

<210> 12527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12527
His Thr His Thr His Thr Leu Ser His
1 5

<210> 12528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12528
His Thr Leu Ser His Thr Leu Thr Arg
1 5

<210> 12529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12529
His Thr His Thr Leu Ser His Thr Leu
1 5

<210> 12530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12530
Arg Ser Cys Arg Arg Arg Gln Gly Thr
1 5

<210> 12531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12531
Asp Ile His Thr His Thr His Thr Leu
1 5

<210> 12532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12532
Gly Pro Pro Ala His Pro Leu Ser Val
1 5

<210> 12533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12533
Pro Pro Ala His Pro Leu Ser Val Leu
1 5

<210> 12534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12534
Trp Pro Ala Pro Gln Ala Val Cys Val
1 5

<210> 12535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12535
Gly Gln Gly Pro Pro Ala His Pro Leu
1 5

<210> 12536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12536
Glu Glu Trp Pro Ala Pro Gln Ala Val
1 5

<210> 12537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12537
Glu Glu Glu Trp Pro Ala Pro Gln Ala
1 5

<210> 12538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12538
Ser Val Leu Asp Gly Thr Val Ser Ala Val
1 5 10

<210> 12539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12539
His Thr His Thr His Thr Leu Ser His Thr
1 5 10

<210> 12540
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12540
His Thr His Thr Leu Ser His Thr Leu Thr
1 5 10

<210> 12541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12541
Leu Thr Arg Gly Gly Gln Gly Pro Pro Ala
1 5 10

<210> 12542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12542
Arg Ser Cys Arg Arg Arg Gln Gly Thr His

1 5 10

<210> 12543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12543
Gly Pro Pro Ala His Pro Leu Ser Val Leu
1 5 10

<210> 12544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12544
His Pro Leu Ser Val Leu Asp Gly Thr Val
1 5 10

<210> 12545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12545
Thr Asp Ile His Thr His Thr His Thr Leu
1 5 10

<210> 12546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12546
Ile His Thr His Thr His Thr Leu Ser His
1 5 10

<210> 12547

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12547
Arg Gln Gly Thr His Gly Glu Glu Glu Trp
1 5 10

<210> 12548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12548
Glu Glu Trp Pro Ala Pro Gln Ala Val Cys
1 5 10

<210> 12549
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12549
Glu Glu Glu Trp Pro Ala Pro Gln Ala Val
1 5 10

<210> 12550
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12550
Gly Glu Glu Glu Trp Pro Ala Pro Gln Ala
1 5 10

<210> 12551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12551
Arg Thr Leu Ser Lys Pro Val Leu Thr
1 5

<210> 12552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12552
Ile Gln Arg Thr Leu Ser Lys Pro Val
1 5

<210> 12553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12553
Val Ile Gln Arg Thr Leu Ser Lys Pro Val
1 5 10

<210> 12554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12554
Thr Leu Ser Lys Pro Val Leu Thr Gly Thr
1 5 10

<210> 12555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12555
Arg Thr Leu Ser Lys Pro Val Leu Thr Gly
1 5 10

<210> 12556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12556
Ile Gln Arg Thr Leu Ser Lys Pro Val Leu
1 5 10

<210> 12557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12557
Tyr Lys Val Asp Val Ile Gln Arg Thr Leu
1 5 10

<210> 12558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12558
Lys Val Arg Ser Asp Leu Lys Pro Val
1 5

<210> 12559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12559
Gln Cys Lys Val Arg Ser Asp Leu Lys
1 5

<210> 12560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12560
Phe Gln Cys Lys Val Arg Ser Asp Leu
1 5

<210> 12561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12561
Lys Val Arg Ser Asp Leu Lys Pro Val Ile
1 5 10

<210> 12562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12562
Asp Leu Lys Pro Val Ile Gln Trp Leu Lys
1 5 10

<210> 12563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12563
Cys Lys Val Arg Ser Asp Leu Lys Pro Val
1 5 10

<210> 12564
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12564
Ser Val Ala Glu Arg Glu Leu Glu Arg
1 5

<210> 12565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12565
Leu Gln Tyr Val Gly Gly Gly Asp Val
1 5

<210> 12566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12566
Ala Glu Arg Glu Leu Glu Arg Asp Leu
1 5

<210> 12567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12567
Val Leu Gln Tyr Val Gly Gly Gly Asp Val
1 5 10

<210> 12568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12568
Leu Gln Tyr Val Gly Gly Gly Asp Val Cys
1 5 10

<210> 12569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12569
Ala Glu Arg Glu Leu Glu Arg Asp Leu Leu
1 5 10

<210> 12570
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12570
Arg Met Arg Ser Phe Phe Gly Lys Leu
1 5

<210> 12571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12571
Arg Ser Phe Phe Gly Lys Leu Phe Arg
1 5

<210> 12572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12572
Lys Arg Met Arg Ser Phe Phe Gly Lys
1 5

<210> 12573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12573
Ser Phe Phe Gly Lys Leu Phe Arg Arg
1 5

<210> 12574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12574
Lys Thr Pro Pro Ser Leu Pro Phe Leu
1 5

<210> 12575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12575
Lys Lys Arg Met Arg Ser Phe Phe Gly
1 5

<210> 12576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12576
Phe Gly Lys Leu Phe Arg Arg Ser Lys
1 5

<210> 12577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12577
Leu Phe Arg Arg Ser Lys Phe Glu Ala
1 5

<210> 12578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12578
Arg Ser Lys Phe Glu Ala Lys Pro Thr
1 5

<210> 12579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12579
Thr Thr Lys Leu Ile Gln Arg Pro Leu
1 5

<210> 12580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12580
Ile Gln Arg Pro Leu Arg Ser Ser Leu
1 5

<210> 12581
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12581
Pro Leu Arg Ser Ser Leu Gly Ser Arg
1 5

<210> 12582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12582
Gly Ser Arg Lys Thr Pro Pro Ser Leu
1 5

<210> 12583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12583
Thr Ser Gly Pro Trp Gln Pro Gly Arg
1 5

<210> 12584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12584
Asn Ile Thr Thr Lys Leu Ile Gln Arg
1 5

<210> 12585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12585
Gly Pro Trp Gln Pro Gly Arg Asn Ile
1 5

<210> 12586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12586
Leu Pro Phe Leu Gly Glu Glu Glu Leu
1 5

<210> 12587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12587
Met Arg Ser Phe Phe Gly Lys Leu Phe
1 5

<210> 12588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12588
Gly Lys Leu Phe Arg Arg Ser Lys Phe
1 5

<210> 12589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12589

Arg Lys Thr Pro Pro Ser Leu Pro Phe
1 5

<210> 12590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12590
Lys Leu Phe Arg Arg Ser Lys Phe Glu Ala
1 5 10

<210> 12591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12591
Ser Leu Pro Phe Leu Gly Glu Glu Glu Leu
1 5 10

<210> 12592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12592
Arg Ser Phe Phe Gly Lys Leu Phe Arg Arg
1 5 10

<210> 12593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12593
Arg Met Arg Ser Phe Phe Gly Lys Leu Phe
1 5 10

<210> 12594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12594
Lys Lys Arg Met Arg Ser Phe Phe Gly Lys
1 5 10

<210> 12595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12595
Leu Phe Arg Arg Ser Lys Phe Glu Ala Lys
1 5 10

<210> 12596
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12596
Arg Ser Lys Phe Glu Ala Lys Pro Thr Ser
1 5 10

<210> 12597
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12597
Thr Thr Lys Leu Ile Gln Arg Pro Leu Arg
1 5 10

<210> 12598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12598
Ile Gln Arg Pro Leu Arg Ser Ser Leu Gly
1 5 10

<210> 12599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12599
Pro Leu Arg Ser Ser Leu Gly Ser Arg Lys
1 5 10

<210> 12600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12600
Gly Pro Trp Gln Pro Gly Arg Asn Ile Thr
1 5 10

<210> 12601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12601
Leu Ile Gln Arg Pro Leu Arg Ser Ser Leu
1 5 10

<210> 12602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12602
Lys Arg Met Arg Ser Phe Phe Gly Lys Leu
1 5 10

<210> 12603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12603
Phe Gly Lys Leu Phe Arg Arg Ser Lys Phe
1 5 10

<210> 12604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12604
Ser Lys Phe Glu Ala Lys Pro Thr Ser Gly
1 5 10

<210> 12605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12605
Phe Glu Ala Lys Pro Thr Ser Gly Pro Trp
1 5 10

<210> 12606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12606
Ser Arg Lys Thr Pro Pro Ser Leu Pro Phe

1 5 10

<210> 12607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12607
Arg Lys Thr Pro Pro Ser Leu Pro Phe Leu
1 5 10

<210> 12608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12608
Tyr Ser Leu Trp Ile Glu Ala Met Val
1 5

<210> 12609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12609
Ser Leu Trp Ile Glu Ala Met Val Leu
1 5

<210> 12610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12610
Leu Trp Ile Glu Ala Met Val Leu Lys
1 5

<210> 12611

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12611
Trp Ile Glu Ala Met Val Leu Lys Lys
1 5

<210> 12612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12612
Ile Gln Val Pro Asn Tyr Ser Leu Trp
1 5

<210> 12613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12613
Asn Tyr Ser Leu Trp Ile Glu Ala Met
1 5

<210> 12614
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12614
Ile Gln Val Pro Asn Tyr Ser Leu Trp Ile
1 5 10

<210> 12615
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12615
Ser Leu Trp Ile Glu Ala Met Val Leu Lys
1 5 10

<210> 12616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12616
Asn Tyr Ser Leu Trp Ile Glu Ala Met Val
1 5 10

<210> 12617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12617
Tyr Ser Leu Trp Ile Glu Ala Met Val Leu
1 5 10

<210> 12618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12618
Val Pro Asn Tyr Ser Leu Trp Ile Glu Ala
1 5 10

<210> 12619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12619
Ala Glu Cys Phe Val Cys Val Thr Cys
1 5

<210> 12620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12620
Gln Pro Trp His Ala Glu Cys Phe Val
1 5

<210> 12621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12621
Ala Glu Cys Phe Val Cys Val Thr Cys Ser
1 5 10

<210> 12622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12622
Ser Val His Gln Gly Leu His Met Val
1 5

<210> 12623
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12623
Leu Ser Val His Gln Gly Leu His Met
1 5

<210> 12624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12624
Asp Gln Gln Lys Ser Thr Thr Asn Leu
1 5

<210> 12625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12625
Gln Lys Ser Thr Thr Asn Leu Ser Val
1 5

<210> 12626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12626
Ser Val His Gln Gly Leu His Met Val Val
1 5 10

<210> 12627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12627
Gln Gln Lys Ser Thr Thr Asn Leu Ser Val
1 5 10

<210> 12628
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12628
Thr Thr Asn Leu Ser Val His Gln Gly Leu
1 5 10

<210> 12629
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12629
Gln Lys Ser Thr Thr Asn Leu Ser Val His
1 5 10

<210> 12630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12630
Asn Leu Ser Val His Gln Gly Leu His Met
1 5 10

<210> 12631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12631
Met Met Glu Lys Lys Lys Gln Glu Glu Arg
1 5 10

<210> 12632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12632
Glu Thr Trp Gly Glu Leu Ile Gln Lys
1 5

<210> 12633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12633
Leu Ile Gln Lys Cys Leu Glu Ser Met
1 5

<210> 12634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12634
Glu Leu Ile Gln Lys Cys Leu Glu Ser Met
1 5 10

<210> 12635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12635
Val Leu Ala Ile Asp Pro Lys Asn Leu
1 5

<210> 12636
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12636
Lys Asn Leu Ala Ala Gln Glu Glu Leu
1 5

<210> 12637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12637
Val Leu Ala Ile Asp Pro Lys Asn Leu Ala
1 5 10

<210> 12638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12638
Lys Thr Ile Ile Thr Gln Val Lys Lys
1 5

<210> 12639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12639
Leu Ile Glu Lys Lys Asn Met Glu Lys
1 5

<210> 12640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12640
Thr Ile Ile Thr Gln Val Lys Lys Arg
1 5

<210> 12641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12641
Gln Val Lys Lys Arg Lys Thr Arg Leu
1 5

<210> 12642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12642
Lys Lys Lys Glu Lys Asp Ile His Leu
1 5

<210> 12643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12643
Lys Glu Lys Asp Ile His Leu Leu Ile
1 5

<210> 12644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12644
Lys Lys Asn Met Glu Lys Thr Ile Ile
1 5

<210> 12645
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12645
Met Glu Lys Thr Ile Ile Thr Gln Val
1 5

<210> 12646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12646
Lys Lys Arg Lys Thr Arg Leu Lys Ile
1 5

<210> 12647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12647
Asn Met Glu Lys Thr Ile Ile Thr Gln Val
1 5 10

<210> 12648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12648
Leu Leu Ile Glu Lys Lys Asn Met Glu Lys
1 5 10

<210> 12649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12649
Lys Thr Ile Ile Thr Gln Val Lys Lys Arg
1 5 10

<210> 12650
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12650
Thr Ile Ile Thr Gln Val Lys Lys Arg Lys
1 5 10

<210> 12651
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12651
Gln Val Lys Lys Arg Lys Thr Arg Leu Lys
1 5 10

<210> 12652
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12652
Ile Thr Gln Val Lys Lys Arg Lys Thr Arg
1 5 10

<210> 12653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12653

Lys Lys Lys Glu Lys Asp Ile His Leu Leu
1 5 10

<210> 12654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12654
Thr Gln Val Lys Lys Arg Lys Thr Arg Leu
1 5 10

<210> 12655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12655
Lys Lys Arg Lys Thr Arg Leu Lys Ile Leu
1 5 10

<210> 12656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12656
Gly Ser Arg Arg Ser Arg His Gln Gly
1 5

<210> 12657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12657
Arg Ser Arg His Gln Gly Ser Ser Val
1 5

<210> 12658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12658
Arg Ser Arg His Gln Gly Ser Ser Val Ser
1 5 10

<210> 12659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12659
Arg Arg Ser Arg His Gln Gly Ser Ser Val
1 5 10

<210> 12660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12660
Gly Ser Arg His His Arg Ser His His
1 5

<210> 12661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12661
Gln Ser Arg His Gly Ser Arg His His Arg
1 5 10

<210> 12662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12662
Phe Gly Ser Gly Gln Ser Thr Gly Phe
1 5

<210> 12663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12663
Gly Phe Gly Ser Gly Gln Ser Thr Gly Phe
1 5 10

<210> 12664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12664
His Val Gln Thr Gly Asp Thr Thr Arg
1 5

<210> 12665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12665
His Ser Ser Gln Glu Thr Pro Asn Tyr
1 5

<210> 12666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12666
Thr Trp Arg Val Arg Ile His Ser Ser
1 5

<210> 12667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12667
Arg Val Arg Ile His Ser Ser Gln Glu
1 5

<210> 12668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12668
Gln Val Ser Thr Trp Arg Val Arg Ile
1 5

<210> 12669
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12669
Thr Gln Pro Ser Gln Val Ser Thr Trp
1 5

<210> 12670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12670
Ser Gln Glu Thr Pro Asn Tyr Ser Trp

1 5

<210> 12671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12671
His Thr His Ser Gly His Thr Gln Pro Ser
1 5 10

<210> 12672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12672
Arg Val Arg Ile His Ser Ser Gln Glu Thr
1 5 10

<210> 12673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12673
Ile His Ser Ser Gln Glu Thr Pro Asn Tyr
1 5 10

<210> 12674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12674
Glu Thr Pro Asn Tyr Ser Trp Thr Asp Arg
1 5 10

<210> 12675

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12675
His Thr Gln Pro Ser Gln Val Ser Thr Trp
1 5 10

<210> 12676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12676
Ser Gln Val Ser Thr Trp Arg Val Arg Ile
1 5 10

<210> 12677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12677
Ser Ser Gln Glu Thr Pro Asn Tyr Ser Trp
1 5 10

<210> 12678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12678
Gln Pro Ser Gln Val Ser Thr Trp Arg Val
1 5 10

<210> 12679
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12679
Leu Val Leu Thr Thr Leu Leu Gly Leu
1 5

<210> 12680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12680
Thr Leu Leu Gly Leu Ser Ala Gly Ala
1 5

<210> 12681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12681
Gly Leu Ser Ala Gly Ala Thr Pro Ala
1 5

<210> 12682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12682
Ala Leu Cys Leu Gly Ala Glu Pro Ala
1 5

<210> 12683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12683
Ala Gln Pro Pro Lys Leu Gln His Val
1 5

<210> 12684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12684
Ala Thr Pro Ala His Arg Cys Gln Arg
1 5

<210> 12685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12685
Ala Ala Arg Ala Ala Val Cys Pro Gly
1 5

<210> 12686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12686
Gly Gly Gly Arg Ala Gln Pro Pro Lys
1 5

<210> 12687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12687
Glu Pro Ala Val His His Gly Ala Leu
1 5

<210> 12688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12688
His Arg Cys Gln Arg Gln Gln Pro Leu
1 5

<210> 12689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12689
Leu Ser Ala Gly Ala Thr Pro Ala His
1 5

<210> 12690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12690
Pro Gln Gly Glu Asp Leu Pro Ala Phe
1 5

<210> 12691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12691
His Glu His Ala Ala Arg Ala Ala Val
1 5

<210> 12692
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12692
Val Gln Ala Gly Arg Ala Gly Gly Leu
1 5

<210> 12693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12693
Arg Ala Gly Gly Leu Pro Gln Ala Leu
1 5

<210> 12694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12694
Ala Gln Arg Ala Pro Gln Ala Ala Gly
1 5

<210> 12695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12695
Leu Gln His Val Thr Gly Gly Thr Glu
1 5

<210> 12696
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12696
Leu Pro Gln Gly Glu Asp Leu Pro Ala
1 5

<210> 12697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12697
His Leu Val Leu Thr Thr Leu Leu Gly Leu
1 5 10

<210> 12698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12698
Val Leu Thr Thr Leu Leu Gly Leu Ser Ala
1 5 10

<210> 12699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12699
Ala Val Cys Pro Gly Val Gln Ala Gly Arg
1 5 10

<210> 12700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12700
Ala Ala Arg Ala Ala Val Cys Pro Gly Val
1 5 10

<210> 12701
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12701
Ala Gly Arg Ala Gly Gly Leu Pro Gln Ala
1 5 10

<210> 12702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12702
Arg Ala Gln Pro Pro Lys Leu Gln His Val
1 5 10

<210> 12703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12703
Leu Ser Ala Gly Ala Thr Pro Ala His Arg
1 5 10

<210> 12704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12704
Phe Ala Gly Cys His Glu His Ala Ala Arg
1 5 10

<210> 12705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12705
Thr Thr Leu Leu Gly Leu Ser Ala Gly Ala
1 5 10

<210> 12706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12706
His Val Thr Gly Gly Thr Glu Glu Pro Ala
1 5 10

<210> 12707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12707
Leu Pro Gln Gly Glu Asp Leu Pro Ala Phe
1 5 10

<210> 12708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12708
Leu Pro Gly Pro Pro His Pro Asp Ala Leu
1 5 10

<210> 12709
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12709
Ala His Arg Cys Gln Arg Gln Gln Pro Leu
1 5 10

<210> 12710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12710
Gly Leu Ser Ala Gly Ala Thr Pro Ala His
1 5 10

<210> 12711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12711
Gly Arg Ala Gly Gly Leu Pro Gln Ala Leu
1 5 10

<210> 12712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12712
Leu Gln His Val Thr Gly Gly Thr Glu Glu
1 5 10

<210> 12713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12713
Glu Glu Pro Ala Val His His Gly Ala Leu
1 5 10

<210> 12714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12714
Leu Pro Ala Phe Ala Gly Cys His Glu His
1 5 10

<210> 12715
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12715
Leu Pro Gln Ala Leu Pro Gly Pro Pro His
1 5 10

<210> 12716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12716
His Glu His Ala Ala Arg Ala Ala Val Cys
1 5 10

<210> 12717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12717

Ala Glu Pro Ala Gln Arg Ala Pro Gln Ala
1 5 10

<210> 12718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12718
Thr Glu Glu Pro Ala Val His His Gly Ala
1 5 10

<210> 12719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12719
Thr Ile Lys Tyr Gly Gly Gln Pro Met
1 5

<210> 12720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12720
Tyr Gly Gly Gln Pro Met Pro Asn Phe
1 5

<210> 12721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12721
Lys Tyr Gly Gly Gln Pro Met Pro Asn Phe
1 5 10

<210> 12722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12722
Gly Gln Pro Met Pro Asn Phe Pro Ser Lys
1 5 10

<210> 12723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12723
Gln Pro Met Pro Asn Phe Pro Ser Lys Leu
1 5 10

<210> 12724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12724
Met Pro Asn Phe Pro Ser Lys Leu Gln Val
1 5 10

<210> 12725
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12725
Val Thr Ile Lys Tyr Gly Gly Gln Pro Met
1 5 10

<210> 12726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12726
Ile Thr Trp Gly Gly Thr Pro His Ser Lys
1 5 10

<210> 12727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12727
Tyr Ser Ile Ala Ile Thr Trp Gly Gly Thr
1 5 10

<210> 12728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12728
Ile Ala Ile Thr Trp Gly Gly Thr Pro His
1 5 10

<210> 12729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12729
Val Leu Gly Ala Leu Gly Ser Met Val
1 5

<210> 12730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12730
Thr Thr Phe Gln Arg Ala Pro Leu Lys
1 5

<210> 12731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12731
Leu Ala Leu Lys Arg Val Cys Arg Lys
1 5

<210> 12732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12732
Thr Phe Gln Arg Ala Pro Leu Lys Phe
1 5

<210> 12733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12733
Phe Gln Arg Ala Pro Leu Lys Phe Lys
1 5

<210> 12734
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12734
Arg Ala Pro Leu Lys Phe Lys Leu Ala

1 5

<210> 12735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12735
Pro Leu Lys Phe Lys Leu Ala Leu Lys
1 5

<210> 12736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12736
Lys Phe Lys Leu Ala Leu Lys Arg Val
1 5

<210> 12737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12737
Lys Leu Ala Leu Lys Arg Val Cys Arg
1 5

<210> 12738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12738
Arg Val Cys Arg Lys Ser Val Leu Gly
1 5

<210> 12739

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12739
Thr Trp Gly Asp Thr Thr Phe Gln Arg
1 5

<210> 12740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12740
Met Val Gly Leu Ser Gly Gly Gln Arg
1 5

<210> 12741
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12741
Asp Thr Thr Phe Gln Arg Ala Pro Leu
1 5

<210> 12742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12742
Ala Pro Leu Lys Phe Lys Leu Ala Leu
1 5

<210> 12743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12743
Ala Ile Thr Trp Gly Asp Thr Thr Phe
1 5

<210> 12744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12744
Ser Val Leu Gly Ala Leu Gly Ser Met
1 5

<210> 12745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12745
Lys Arg Val Cys Arg Lys Ser Val Leu
1 5

<210> 12746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12746
Leu Ser Gly Gly Gln Arg Thr Ser Trp
1 5

<210> 12747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12747
Ser Val Leu Gly Ala Leu Gly Ser Met Val
1 5 10

<210> 12748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12748
Ala Leu Lys Arg Val Cys Arg Lys Ser Val
1 5 10

<210> 12749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12749
Lys Leu Ala Leu Lys Arg Val Cys Arg Lys
1 5 10

<210> 12750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12750
Ile Thr Trp Gly Asp Thr Thr Phe Gln Arg
1 5 10

<210> 12751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12751
Thr Phe Gln Arg Ala Pro Leu Lys Phe Lys
1 5 10

<210> 12752
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12752
Ile Ala Ile Thr Trp Gly Asp Thr Thr Phe
1 5 10

<210> 12753
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12753
Thr Thr Phe Gln Arg Ala Pro Leu Lys Phe
1 5 10

<210> 12754
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12754
Arg Val Cys Arg Lys Ser Val Leu Gly Ala
1 5 10

<210> 12755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12755
Asp Thr Thr Phe Gln Arg Ala Pro Leu Lys
1 5 10

<210> 12756
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12756
Arg Ala Pro Leu Lys Phe Lys Leu Ala Leu
1 5 10

<210> 12757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12757
Leu Lys Arg Val Cys Arg Lys Ser Val Leu
1 5 10

<210> 12758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12758
Lys Ser Val Leu Gly Ala Leu Gly Ser Met
1 5 10

<210> 12759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12759
Phe Gln Arg Ala Pro Leu Lys Phe Lys Leu
1 5 10

<210> 12760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12760
Leu Lys Phe Lys Leu Ala Leu Lys Arg Val
1 5 10

<210> 12761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12761
Gly Leu Ser Gly Gly Gln Arg Thr Ser Trp
1 5 10

<210> 12762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12762
Tyr Glu Tyr Asp Phe Arg Glu Tyr Glu
1 5

<210> 12763
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12763
Arg Glu Tyr Glu Tyr Asp Phe Arg Glu
1 5

<210> 12764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12764
Arg Glu Tyr Glu Tyr Asp Phe Arg Glu Tyr
1 5 10

<210> 12765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12765
Tyr Glu Tyr Asp Phe Arg Glu Tyr Glu Tyr
1 5 10

<210> 12766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12766
Asp Phe Arg Glu Tyr Glu Tyr Asp Phe Arg
1 5 10

<210> 12767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12767
Val Asp Phe Arg Glu Tyr Glu Tyr Asp Phe
1 5 10

<210> 12768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12768
Tyr Asp Phe Arg Glu Tyr Glu Tyr Asp Leu
1 5 10

<210> 12769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12769
His Ile Met Ser Asp Ser Asn Tyr Val
1 5

<210> 12770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12770
Arg His Ile Met Ser Asp Ser Asn Tyr
1 5

<210> 12771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12771
Cys Asp Phe Gly Leu Ala Arg His Ile
1 5

<210> 12772
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12772
His Ile Met Ser Asp Ser Asn Tyr Val Val
1 5 10

<210> 12773
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12773
Cys Asp Phe Gly Leu Ala Arg His Ile Met
1 5 10

<210> 12774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12774
Ala Arg His Ile Met Ser Asp Ser Asn Tyr
1 5 10

<210> 12775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12775
Arg His Ile Met Ser Asp Ser Asn Tyr Val
1 5 10

<210> 12776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12776
Ile Cys Asp Phe Gly Leu Ala Arg Tyr
1 5

<210> 12777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12777
Tyr Ile Met Ser Asp Ser Asn Tyr Val
1 5

<210> 12778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12778
Arg Tyr Ile Met Ser Asp Ser Asn Tyr
1 5

<210> 12779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12779
Cys Asp Phe Gly Leu Ala Arg Tyr Ile
1 5

<210> 12780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12780
Tyr Ile Met Ser Asp Ser Asn Tyr Val Val
1 5 10

<210> 12781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12781

Lys Ile Cys Asp Phe Gly Leu Ala Arg Tyr
1 5 10

<210> 12782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12782
Arg Tyr Ile Met Ser Asp Ser Asn Tyr Val
1 5 10

<210> 12783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12783
Cys Asp Phe Gly Leu Ala Arg Tyr Ile Met
1 5 10

<210> 12784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12784
Ala Arg Tyr Ile Met Ser Asp Ser Asn Tyr
1 5 10

<210> 12785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12785
Glu Ile Met Ser Asp Ser Asn Tyr Val
1 5

<210> 12786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12786
Arg Glu Ile Met Ser Asp Ser Asn Tyr
1 5

<210> 12787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12787
Cys Asp Phe Gly Leu Ala Arg Glu Ile
1 5

<210> 12788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12788
Glu Ile Met Ser Asp Ser Asn Tyr Val Val
1 5 10

<210> 12789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12789
Cys Asp Phe Gly Leu Ala Arg Glu Ile Met
1 5 10

<210> 12790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12790
Ala Arg Glu Ile Met Ser Asp Ser Asn Tyr
1 5 10

<210> 12791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12791
Arg Glu Ile Met Ser Asp Ser Asn Tyr Val
1 5 10

<210> 12792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12792
Phe Pro Thr Glu Glu Gly Gly Val Leu
1 5

<210> 12793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12793
Leu Glu Ala Lys Ser Ile Gln Thr Phe
1 5

<210> 12794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12794
Gln Thr Phe Pro Thr Glu Glu Gly Gly Val
1 5 10

<210> 12795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12795
Ile Leu Glu Ala Lys Ser Ile Gln Thr Phe
1 5 10

<210> 12796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12796
Phe Pro Thr Glu Glu Gly Gly Val Leu Thr
1 5 10

<210> 12797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12797
Ala Gly Ile Pro Thr Pro Pro Pro Leu
1 5

<210> 12798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12798
Ser Leu Gln Arg Gly Leu Gln Leu Thr

1 5

<210> 12799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12799
Arg Ser Leu Gln Arg Gly Leu Gln Leu
1 5

<210> 12800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12800
Gln Leu Thr Gln Arg Glu Phe Val Arg
1 5

<210> 12801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12801
Leu Gln Arg Gly Leu Gln Leu Thr Gln
1 5

<210> 12802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12802
Gly Leu Gln Leu Thr Gln Arg Glu Phe
1 5

<210> 12803

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12803
Leu Gln Leu Thr Gln Arg Glu Phe Val
1 5

<210> 12804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12804
Gly Leu Gln Leu Thr Gln Arg Glu Phe Val
1 5 10

<210> 12805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12805
Arg Gly Leu Gln Leu Thr Gln Arg Glu Phe
1 5 10

<210> 12806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12806
Cys Leu Phe Phe His Trp Leu Lys Leu
1 5

<210> 12807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12807
Arg Leu Gln Lys Pro Cys Leu Phe Phe
1 5

<210> 12808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12808
Leu Phe Phe His Trp Leu Lys Leu Phe
1 5

<210> 12809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12809
Leu Gln Lys Pro Cys Leu Phe Phe His
1 5

<210> 12810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12810
Arg Leu Gln Lys Pro Cys Leu Phe Phe His
1 5 10

<210> 12811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12811
Leu Gln Lys Pro Cys Leu Phe Phe His Trp
1 5 10

<210> 12812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12812
Cys Leu Phe Phe His Trp Leu Lys Leu Phe
1 5 10

<210> 12813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12813
Lys Pro Cys Leu Phe Phe His Trp Leu Lys
1 5 10

<210> 12814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12814
Gly Arg Leu Gln Lys Pro Cys Leu Phe Phe
1 5 10

<210> 12815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12815
Phe Ser Ile Arg Ser Phe Cys Thr Val
1 5

<210> 12816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12816
Ser Ile Arg Ser Phe Cys Thr Val Val
1 5

<210> 12817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12817
Arg Ser Phe Cys Thr Val Val Asp Val
1 5

<210> 12818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12818
Ile Asn Glu Phe Ser Ile Arg Ser Phe
1 5

<210> 12819
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12819
Phe Ser Ile Arg Ser Phe Cys Thr Val Val
1 5 10

<210> 12820
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12820
Arg Ser Phe Cys Thr Val Val Asp Val Val
1 5 10

<210> 12821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12821
Arg Ile Asn Glu Phe Ser Ile Arg Ser Phe
1 5 10

<210> 12822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12822
Asn Glu Phe Ser Ile Arg Ser Phe Cys Thr
1 5 10

<210> 12823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12823
Phe Thr Asp Val Cys Ala Ala Val Tyr
1 5

<210> 12824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12824
Gly Pro Phe Thr Asp Val Cys Ala Ala Val
1 5 10

<210> 12825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12825
Ala Pro Ser Ala Ala Thr Thr Thr Ala
1 5

<210> 12826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12826
Ala Thr Thr Thr Ala Val Thr Ala Ala Ala
1 5 10

<210> 12827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12827
Ala Pro Ser Ala Ala Thr Thr Thr Ala Val
1 5 10

<210> 12828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12828
His Ala Val Gly Ser Leu His Pro Lys
1   5

<210> 12829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 12829
Asp Glu His Ala Val Gly Ser Leu His
1   5

<210> 12830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 12830
Asp Glu Asp Glu His Ala Val Gly Ser Leu
1   5   10

<210> 12831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 12831
Ala Glu Asp Glu Glu Glu Asp Ala Gly Phe
1   5   10

<210> 12832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 12832
Lys Val Leu Pro Gln Ser Ser Val Ala
1   5

<210> 12833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12833
Tyr Glu Ser Trp Thr Lys Lys Val Leu
1 5

<210> 12834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12834
Lys Lys Val Leu Pro Gln Ser Ser Val
1 5

<210> 12835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12835
Ser Leu Tyr Glu Ser Trp Thr Lys Lys Val
1 5 10

<210> 12836
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12836
Leu Tyr Glu Ser Trp Thr Lys Lys Val Leu
1 5 10

<210> 12837
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12837
Lys Lys Val Leu Pro Gln Ser Ser Val Ala
1 5 10

<210> 12838
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12838
Lys Asn Phe Thr Glu Ile Ser Ser Lys
1 5

<210> 12839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12839
Asn Phe Thr Glu Ile Ser Ser Lys Phe
1 5

<210> 12840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12840
Glu Ile Ser Ser Lys Phe Ser Glu Arg
1 5

<210> 12841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12841
Ile Ser Ser Lys Phe Ser Glu Arg Leu
1 5

<210> 12842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12842
Glu Ile Ser Ser Lys Phe Ser Glu Arg Leu
1 5 10

<210> 12843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12843
Lys Asn Phe Thr Glu Ile Ser Ser Lys Phe
1 5 10

<210> 12844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12844
Arg Ala Arg Cys Gly Arg Ala Pro Val
1 5

<210> 12845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12845

Cys Gly Arg Ala Pro Val Gly Leu Val
1 5

<210> 12846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12846
Glu Val Ser Gly Ser Gly Gly Gly Leu
1 5

<210> 12847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12847
Ala Pro Val Gly Leu Val Gly Ala Ala
1 5

<210> 12848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12848
Arg Ala Arg Cys Gly Arg Ala Pro Val Gly
1 5 10

<210> 12849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12849
Ala Glu Val Ser Gly Ser Gly Gly Gly Leu
1 5 10

<210> 12850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12850
Trp Gln Asn Ser Ile Trp His Asn Leu
1 5

<210> 12851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12851
Asn Ser Ile Trp His Asn Leu Ser Leu
1 5

<210> 12852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12852
Trp His Asn Leu Ser Leu Asn Arg Tyr
1 5

<210> 12853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12853
Ser Ile Trp His Asn Leu Ser Leu Asn Arg
1 5 10

<210> 12854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12854
Gly Trp Gln Asn Ser Ile Trp His Asn Leu
1 5 10

<210> 12855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12855
Ile Trp His Asn Leu Ser Leu Asn Arg Tyr
1 5 10

<210> 12856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12856
Trp His Asn Leu Ser Leu Asn Arg Tyr Phe
1 5 10

<210> 12857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12857
Thr Met Pro Gly Arg Thr Pro Thr Ala
1 5

<210> 12858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12858
Leu Thr Cys Pro Thr Met Pro Gly Arg
1 5

<210> 12859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12859
Ala Ala Ser Tyr Leu Trp Pro Ser Arg
1 5

<210> 12860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12860
Ser Tyr Leu Trp Pro Ser Arg Thr Leu
1 5

<210> 12861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12861
Asp Thr Pro His Pro Leu Pro Thr Leu
1 5

<210> 12862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12862
Ser Ala Ala Ser Tyr Leu Trp Pro Ser

1 5

<210> 12863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12863
Leu Pro Thr Leu Thr Cys Pro Thr Met
1 5

<210> 12864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12864
Pro Pro Thr Pro Ser Ala Ala Ser Tyr
1 5

<210> 12865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12865
Thr Pro Ser Ala Ala Ser Tyr Leu Trp
1 5

<210> 12866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12866
Ser Ala Ala Ser Tyr Leu Trp Pro Ser Arg
1 5 10

<210> 12867

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12867
Ala Ser Tyr Leu Trp Pro Ser Arg Thr Leu
1 5 10

<210> 12868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12868
Thr Leu Thr Cys Pro Thr Met Pro Gly Arg
1 5 10

<210> 12869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12869
His Pro Leu Pro Thr Leu Thr Cys Pro Thr
1 5 10

<210> 12870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12870
Cys Pro Thr Met Pro Gly Arg Thr Pro Thr
1 5 10

<210> 12871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12871
Trp Pro Ser Arg Thr Leu Gln Pro Ser Ala
1 5 10

<210> 12872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12872
Asn Pro Pro Thr Pro Ser Ala Ala Ser Tyr
1 5 10

<210> 12873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12873
Ala Ile Arg Asp Leu Ala Gly Gly Arg
1 5

<210> 12874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12874
Ile Ala Met Ala Ile Arg Asp Leu Ala
1 5

<210> 12875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12875
Ala Leu Ile Ala Met Ala Ile Arg Asp Leu
1 5 10

<210> 12876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12876
Leu Ile Ala Met Ala Ile Arg Asp Leu Ala
1 5 10

<210> 12877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12877
Ala Ile Arg Asp Leu Ala Gly Gly Arg Leu
1 5 10

<210> 12878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12878
Met Ala Ile Arg Asp Leu Ala Gly Gly Arg
1 5 10

<210> 12879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12879
Arg Asp Leu Ala Gly Gly Arg Leu Thr Leu
1 5 10

<210> 12880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12880
Ser Leu Phe Ser Ala Ser Phe Leu Leu
1 5

<210> 12881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12881
Phe Ser Ala Ser Phe Leu Leu Asn Ile
1 5

<210> 12882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12882
Phe Leu Leu Asn Ile Asn Glu Tyr Leu
1 5

<210> 12883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12883
Leu Leu Asn Ile Asn Glu Tyr Leu Ala
1 5

<210> 12884
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12884
Ser Phe Leu Leu Asn Ile Asn Glu Tyr
1 5

<210> 12885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12885
Leu Asn Ile Asn Glu Tyr Leu Ala Val
1 5

<210> 12886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12886
Phe Leu Leu Asn Ile Asn Glu Tyr Leu Ala
1 5 10

<210> 12887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12887
Leu Leu Asn Ile Asn Glu Tyr Leu Ala Val
1 5 10

<210> 12888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12888
Ala Ser Phe Leu Leu Asn Ile Asn Glu Tyr
1 5 10

<210> 12889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12889
Leu Phe Ser Ala Ser Phe Leu Leu Asn Ile
1 5 10

<210> 12890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12890
Ser Phe Leu Leu Asn Ile Asn Glu Tyr Leu
1 5 10

<210> 12891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12891
Leu Ser Leu Phe Ser Ala Ser Phe Leu Leu
1 5 10

<210> 12892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12892
Leu Asn Ile Asn Glu Tyr Leu Ala Val Val
1 5 10

<210> 12893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12893
Ser Ala Arg Gly Val Thr Thr Gln Val
1 5

<210> 12894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12894
Gly Val Thr Thr Gln Val Ala Ala Arg
1 5

<210> 12895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12895
Val Thr Thr Gln Val Ala Ala Arg Arg
1 5

<210> 12896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12896
Leu Ala Ala Ala Ser Ala Arg Gly Val
1 5

<210> 12897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12897
Phe Leu Ala Ala Ala Ser Ala Arg Gly Val
1 5 10

<210> 12898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12898
Ala Ser Ala Arg Gly Val Thr Thr Gln Val
1 5 10

<210> 12899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12899
Ser Ala Arg Gly Val Thr Thr Gln Val Ala
1 5 10

<210> 12900
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12900
Cys Tyr His Gly His Ile His Leu Val
1 5

<210> 12901
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12901
His Ile His Leu Val Gln Phe Leu Leu
1 5

<210> 12902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12902
Ala Cys Tyr His Gly His Ile His Leu
1 5

<210> 12903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12903
His Gly His Ile His Leu Val Gln Phe
1 5

<210> 12904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12904
Gly His Ile His Leu Val Gln Phe Leu
1 5

<210> 12905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12905
Tyr His Gly His Ile His Leu Val Gln Phe
1 5 10

<210> 12906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12906
His Ser Ala Cys Tyr His Gly His Ile His
1 5 10

<210> 12907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12907
Ser Ala Cys Tyr His Gly His Ile His Leu
1 5 10

<210> 12908
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12908
Gly His Ile His Leu Val Gln Phe Leu Leu
1 5 10

<210> 12909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12909

Phe Gln Met Thr Arg Thr Val Thr Thr
1 5

<210> 12910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12910
Gln Met Thr Arg Thr Val Thr Thr Ile
1 5

<210> 12911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12911
Trp Val Ala Gly Phe Gln Met Thr Arg
1 5

<210> 12912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12912
Val Ile Trp Val Ala Gly Phe Gln Met
1 5

<210> 12913
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12913
Ala Gly Phe Gln Met Thr Arg Thr Val
1 5

<210> 12914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12914
Phe Gln Met Thr Arg Thr Val Thr Thr Ile
1 5 10

<210> 12915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12915
Ile Trp Val Ala Gly Phe Gln Met Thr Arg
1 5 10

<210> 12916
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12916
Leu Val Ile Trp Val Ala Gly Phe Gln Met
1 5 10

<210> 12917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12917
Trp Glu Asp Gly Pro Cys Lys Val Phe
1 5

<210> 12918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12918
Phe Glu Cys Arg Gly Ala Gln Val Thr
1 5

<210> 12919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12919
Lys Val Phe Glu Cys Arg Gly Ala Gln Val
1 5 10

<210> 12920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12920
Lys Trp Glu Asp Gly Pro Cys Lys Val Phe
1 5 10

<210> 12921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12921
Phe Thr Leu Gly Ala Pro His Lys Val
1 5

<210> 12922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12922
Asp Glu Leu Val Gly His Ser Asp Ala Thr
1 5 10

<210> 12923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12923
Gly Pro Lys Glu Gln Trp Glu Pro Val
1 5

<210> 12924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12924
Asp Ala Ile Gly Pro Lys Glu Gln Trp
1 5

<210> 12925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12925
Val Gly His Ser Asp Ala Ile Gly Pro Lys
1 5 10

<210> 12926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12926
Gly Pro Arg Glu Lys Trp Glu Pro Val

1 5

<210> 12927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12927
Asp Ala Ile Gly Pro Arg Glu Lys Trp
1 5

<210> 12928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12928
His Ser Asp Ala Ile Gly Pro Arg Glu Lys
1 5 10

<210> 12929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12929
Lys Trp Glu Pro Val Phe Gln Asn Gly Lys
1 5 10

<210> 12930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12930
Gly Pro Arg Glu Lys Trp Glu Pro Val Phe
1 5 10

<210> 12931

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12931
Gly Pro Arg Glu Gln Trp Glu Gln Val
1 5

<210> 12932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12932
Glu Gln Val Phe Gln Asn Gly Lys Met
1 5

<210> 12933
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12933
Gly Pro Arg Glu Gln Trp Glu Gln Val Phe
1 5 10

<210> 12934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12934
Trp Glu Gln Val Phe Gln Asn Gly Lys Met
1 5 10

<210> 12935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12935
Gln Val Phe Gln Asn Gly Lys Met Ala Leu
1 5 10

<210> 12936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12936
Arg Glu Gln Trp Glu Gln Val Phe Gln Asn
1 5 10

<210> 12937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12937
Phe Gln Asn Gly Lys Val Ala Leu Leu
1 5

<210> 12938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12938
Phe Gln Asn Gly Lys Val Ala Leu Leu Ala
1 5 10

<210> 12939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12939
Val Phe Gln Asn Gly Lys Val Ala Leu Leu
1 5 10

<210> 12940
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12940
Val Ala Leu Leu Ala Ser Asn Ser Cys Phe
1 5 10

<210> 12941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12941
Trp Glu Pro Val Phe Gln Asn Gly Lys Val
1 5 10

<210> 12942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12942
Phe Gln Asn Gly Lys Met Pro Leu Leu
1 5

<210> 12943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12943
Val Phe Gln Asn Gly Lys Met Pro Leu
1 5

<210> 12944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12944
Met Pro Leu Leu Ala Ser Asn Ser Cys
1 5

<210> 12945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12945
Pro Leu Leu Ala Ser Asn Ser Cys Phe
1 5

<210> 12946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12946
Phe Gln Asn Gly Lys Met Pro Leu Leu Ala
1 5 10

<210> 12947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12947
Val Phe Gln Asn Gly Lys Met Pro Leu Leu
1 5 10

<210> 12948
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12948
Met Pro Leu Leu Ala Ser Asn Ser Cys Phe
1 5 10

<210> 12949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12949
Ser Ala Ser Asn Ser Cys Phe Ile Arg
1 5

<210> 12950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12950
Leu Ser Ala Ser Asn Ser Cys Phe Ile
1 5

<210> 12951
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12951
Ala Leu Ser Ala Ser Asn Ser Cys Phe
1 5

<210> 12952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12952
Phe Gln Asn Gly Lys Met Ala Leu Ser Ala
1 5 10

<210> 12953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12953
Ala Leu Ser Ala Ser Asn Ser Cys Phe Ile
1 5 10

<210> 12954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12954
Lys Met Ala Leu Ser Ala Ser Asn Ser Cys
1 5 10

<210> 12955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12955
Leu Ser Ala Ser Asn Ser Cys Phe Ile Arg
1 5 10

<210> 12956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12956
Met Ala Leu Ser Ala Ser Asn Ser Cys Phe
1 5 10

<210> 12957
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12957
Leu Leu Thr Ser Asn Ser Cys Phe Ile
1 5

<210> 12958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12958
Leu Thr Ser Asn Ser Cys Phe Ile Arg
1 5

<210> 12959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12959
Ala Leu Leu Thr Ser Asn Ser Cys Phe
1 5

<210> 12960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12960
Ala Leu Leu Thr Ser Asn Ser Cys Phe Ile
1 5 10

<210> 12961
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12961
Phe Gln Asn Gly Lys Met Ala Leu Leu Thr
1 5 10

<210> 12962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12962
Lys Met Ala Leu Leu Thr Ser Asn Ser Cys
1 5 10

<210> 12963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12963
Leu Leu Thr Ser Asn Ser Cys Phe Ile Arg
1 5 10

<210> 12964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12964
Met Ala Leu Leu Thr Ser Asn Ser Cys Phe
1 5 10

<210> 12965
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12965
Leu Leu Ala Ser Asp Ser Cys Phe Ile
1 5

<210> 12966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12966
Leu Ala Ser Asp Ser Cys Phe Ile Arg
1 5

<210> 12967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12967
Ala Leu Leu Ala Ser Asp Ser Cys Phe
1 5

<210> 12968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12968
Ala Leu Leu Ala Ser Asp Ser Cys Phe Ile
1 5 10

<210> 12969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12969
Leu Leu Ala Ser Asp Ser Cys Phe Ile Arg
1 5 10

<210> 12970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12970
Met Ala Leu Leu Ala Ser Asp Ser Cys Phe
1 5 10

<210> 12971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12971
Leu Leu Ala Ser Asn Ser Cys Phe Val
1 5

<210> 12972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12972
Leu Ala Ser Asn Ser Cys Phe Val Arg
1 5

<210> 12973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12973

Ala Leu Leu Ala Ser Asn Ser Cys Phe Val
1 5 10

<210> 12974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12974
Leu Leu Ala Ser Asn Ser Cys Phe Val Arg
1 5 10

<210> 12975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12975
Phe Ile Arg Cys Asn Glu Ala Glu Asp Ile
1 5 10

<210> 12976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12976
Leu Ser Asp Ser Arg Thr Ala Leu Lys
1 5

<210> 12977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12977
Lys Leu Ser Asp Ser Arg Thr Ala Leu
1 5

<210> 12978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12978
Thr Ala Leu Lys Ser Gly Tyr Gly Lys
1 5

<210> 12979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12979
Arg Thr Ala Leu Lys Ser Gly Tyr Gly
1 5

<210> 12980
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12980
Lys Leu Ser Asp Ser Arg Thr Ala Leu Lys
1 5 10

<210> 12981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12981
Arg Thr Ala Leu Lys Ser Gly Tyr Gly Lys
1 5 10

<210> 12982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12982
Ala Val Lys Leu Ser Asp Ser Arg Thr Ala
1 5 10

<210> 12983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12983
Thr Ala Leu Lys Ser Gly Tyr Gly Lys Tyr
1 5 10

<210> 12984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12984
Val Lys Leu Ser Asp Ser Arg Thr Ala Leu
1 5 10

<210> 12985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12985
Lys Leu Ser Asp Ser Arg Ile Thr Leu
1 5

<210> 12986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 12986
Ile Thr Leu Lys Ser Gly Tyr Gly Lys
1 5

<210> 12987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12987
Leu Ser Asp Ser Arg Ile Thr Leu Lys
1 5

<210> 12988
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12988
Thr Leu Lys Ser Gly Tyr Gly Lys Tyr
1 5

<210> 12989
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12989
Ser Arg Ile Thr Leu Lys Ser Gly Tyr
1 5

<210> 12990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12990
Thr Leu Lys Ser Gly Tyr Gly Lys Tyr Leu

1 5 10

<210> 12991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12991
Lys Leu Ser Asp Ser Arg Ile Thr Leu Lys
1 5 10

<210> 12992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12992
Arg Ile Thr Leu Lys Ser Gly Tyr Gly Lys
1 5 10

<210> 12993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12993
Ile Thr Leu Lys Ser Gly Tyr Gly Lys Tyr
1 5 10

<210> 12994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12994
Val Lys Leu Ser Asp Ser Arg Ile Thr Leu
1 5 10

<210> 12995

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12995
Ile Ala Leu Asn Ser Gly Tyr Gly Lys
1 5

<210> 12996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12996
Ser Arg Ile Ala Leu Asn Ser Gly Tyr
1 5

<210> 12997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12997
Ala Leu Asn Ser Gly Tyr Gly Lys Tyr
1 5

<210> 12998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 12998
Ala Leu Asn Ser Gly Tyr Gly Lys Tyr Leu
1 5 10

<210> 12999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 12999
Arg Ile Ala Leu Asn Ser Gly Tyr Gly Lys
1 5 10

<210> 13000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13000
Ile Ala Leu Asn Ser Gly Tyr Gly Lys Tyr
1 5 10

<210> 13001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13001
Asp Ser Arg Ile Ala Leu Asn Ser Gly Tyr
1 5 10

<210> 13002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13002
Tyr Pro Gly Ile Asn Ser Asp Glu Leu
1 5

<210> 13003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13003
Lys Tyr Pro Gly Ile Asn Ser Asp Glu Leu
1 5 10

<210> 13004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13004
Lys Ser Gly Tyr Gly Lys Tyr Pro Gly Ile
1 5 10

<210> 13005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13005
Tyr Pro Gly Ile Asn Ser Asp Glu Leu Val
1 5 10

<210> 13006
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13006
Glu Leu Val Gly His Ser Val Ala Ile
1 5

<210> 13007
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13007
Val Ala Ile Gly Pro Arg Glu Gln Trp
1 5

<210> 13008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13008
Asp Glu Leu Val Gly His Ser Val Ala
1 5

<210> 13009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13009
Asn Ser Asp Glu Leu Val Gly His Ser Val
1 5 10

<210> 13010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13010
Asp Glu Leu Val Gly His Ser Val Ala Ile
1 5 10

<210> 13011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13011
Asn Ser Glu Ile Gln Glu Thr Cys Tyr
1 5

<210> 13012
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13012
Tyr Ala His His Arg Gly Arg Ser Arg
1 5

<210> 13013
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13013
Thr Cys Tyr Ala His His Arg Gly Arg
1 5

<210> 13014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13014
Ser Glu Ile Gln Glu Thr Cys Tyr Ala
1 5

<210> 13015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13015
Ile Gln Glu Thr Cys Tyr Ala His His
1 5

<210> 13016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13016
Glu Thr Cys Tyr Ala His His Arg Gly Arg
1 5 10

<210> 13017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13017
Cys Tyr Ala His His Arg Gly Arg Ser Arg
1 5 10

<210> 13018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13018
Tyr Ala His His Arg Gly Arg Ser Arg Ala
1 5 10

<210> 13019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13019
Ser Glu Ile Gln Glu Thr Cys Tyr Ala His
1 5 10

<210> 13020
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13020
Ser Glu Ile Gly Ala Thr Pro Gln Ala
1 5

<210> 13021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13021
Ser Glu Ile Gly Ala Thr Pro Gln Ala Ala
1 5 10

<210> 13022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13022
Asn Pro Gly Gln Lys Ile Ala Ser Ile
1 5

<210> 13023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13023
Gly Gln Lys Ile Ala Ser Ile Pro Thr
1 5

<210> 13024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13024
Gly Gln Lys Ile Ala Ser Ile Pro Thr Lys
1 5 10

<210> 13025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13025
Leu Thr Asp Thr Glu Leu Ile Ser Tyr
1 5

<210> 13026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13026
Asp Thr Glu Leu Ile Ser Tyr Thr Arg
1 5

<210> 13027
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13027
Glu Leu Ile Ser Tyr Thr Arg Lys Arg
1 5

<210> 13028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13028
Ile Ser Tyr Thr Arg Lys Arg Asp Ser Val
1 5 10

<210> 13029
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13029
Ser Tyr Thr Arg Lys Arg Asp Ser Val Lys
1 5 10

<210> 13030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13030
Glu Leu Thr Asp Thr Glu Leu Ile Ser Tyr
1 5 10

<210> 13031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13031
Asn Thr Trp Cys Ala Gly Tyr Cys Tyr
1 5

<210> 13032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13032
Ile Asn Asn Thr Trp Cys Ala Gly Tyr
1 5

<210> 13033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13033
Phe Cys Ile Ser Ile Asn Asn Thr Trp
1 5

<210> 13034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13034
Arg Phe Cys Ile Ser Ile Asn Asn Thr Trp
1 5 10

<210> 13035
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13035
Ser Ile Asn Asn Thr Trp Cys Ala Gly Tyr
1 5 10

<210> 13036
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13036
Asn Thr Trp Cys Ala Gly Tyr Cys Tyr Thr
1 5 10

<210> 13037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13037

Cys Gly Thr Pro Gln Gln Ile Asp Tyr
1 5

<210> 13038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13038
Phe Thr Ile Cys Gly Thr Pro Gln Gln Ile
1 5 10

<210> 13039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13039
Val Leu Ser Gly Leu Arg Glu Leu Leu
1 5

<210> 13040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13040
Phe Leu Gln Gly Leu Leu Glu Thr Ala
1 5

<210> 13041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13041
Gly Leu Leu Glu Thr Ala Gly Gly Ile
1 5

<210> 13042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13042
Asn Leu Ile Phe Leu Gly Pro His Leu
1 5

<210> 13043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13043
His Leu Ser Gly Gly Leu Ile Tyr Leu
1 5

<210> 13044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13044
Phe Ser Met Glu Ser Pro Lys Pro Leu
1 5

<210> 13045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13045
Val Leu Pro Gln Arg Leu Arg His Leu
1 5

<210> 13046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13046
Ala Leu Arg Leu Ala Gly Ala Val Val
1 5

<210> 13047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13047
Gly Leu Gly Ser Val Gln Leu Gly Ala
1 5

<210> 13048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13048
Pro Leu Pro Glu Leu Leu Ser Leu Ala
1 5

<210> 13049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13049
Leu Leu Ser Leu Ala Gly Asp Ala Ala
1 5

<210> 13050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13050
Leu Leu Gln Leu Gly Thr Arg Phe Leu
1 5

<210> 13051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13051
Phe Leu Gly Pro His Leu Ser Gly Gly
1 5

<210> 13052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13052
Ile Trp Phe Ser Met Glu Ser Pro Lys
1 5

<210> 13053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13053
Arg Leu Arg His Leu His Ala Leu Arg
1 5

<210> 13054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13054
Ala Ser Leu Leu Gln Leu Gly Thr Arg

1 5

<210> 13055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13055
Leu Ser Gly Gly Leu Ile Tyr Leu Arg
1 5

<210> 13056
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13056
Ala Trp Ala Ala Arg Asn Leu Ile Phe
1 5

<210> 13057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13057
Arg Ile Leu Gln Ser His His Val Leu
1 5

<210> 13058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13058
Val Val Arg Pro Ala Cys Pro Pro Thr
1 5

<210> 13059

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13059
Lys Leu Arg Gln Gly Ala Leu Leu Pro
1 5

<210> 13060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13060
Arg Val Arg Thr Leu Pro Gln Ala Pro
1 5

<210> 13061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13061
Gly Leu Arg Glu Leu Leu Ala Pro Arg
1 5

<210> 13062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13062
Arg Ala Arg Gly Ala Gly Pro Gln Gln
1 5

<210> 13063
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13063
Ala Thr Arg Arg Leu His Pro Arg Gly
1 5

<210> 13064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13064
Arg Leu His Pro Arg Gly Arg Leu Pro
1 5

<210> 13065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13065
Gly Thr Arg Phe Leu Gln Gly Leu Leu
1 5

<210> 13066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13066
Ala Ala Arg Asn Leu Ile Phe Leu Gly
1 5

<210> 13067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13067
Gln Ser His His Val Leu Pro Gln Arg
1 5

<210> 13068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13068
Leu Leu Ala Pro Arg Leu His His Arg
1 5

<210> 13069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13069
Gln Leu Arg Glu Val Pro Ala Thr Arg
1 5

<210> 13070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13070
Pro Ala Thr Arg Arg Leu His Pro Arg
1 5

<210> 13071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13071
Gly Trp Cys Gly Ala Trp Ala Ala Arg
1 5

<210> 13072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13072
Glu Ser Pro Lys Pro Leu Leu Ala Ala
1 5

<210> 13073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13073
Asp Ala Ala Ala Ser Leu Leu Gln Leu
1 5

<210> 13074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13074
Trp Ala Ala Arg Asn Leu Ile Phe Leu
1 5

<210> 13075
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13075
Arg Pro Ala Cys Pro Pro Thr Ala Gln
1 5

<210> 13076
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13076
Val Pro Val Gln Val Leu Ser Gly Leu
1 5

<210> 13077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13077
Ala Pro Arg Leu His His Arg Glu Ala
1 5

<210> 13078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13078
His Pro Arg Gly Arg Leu Pro Glu Pro
1 5

<210> 13079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13079
Gly Pro Arg Pro Leu Pro Glu Leu Leu
1 5

<210> 13080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13080
Arg Pro Leu Pro Glu Leu Leu Ser Leu
1 5

<210> 13081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13081
Val Pro Asp Thr Arg His Ser Gly Leu
1 5

<210> 13082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13082
Gly Pro His Leu Ser Gly Gly Leu Ile
1 5

<210> 13083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13083
Gln Arg Leu Arg His Leu His Ala Leu
1 5

<210> 13084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13084
Gly Ala Lys Leu Arg Gln Gly Ala Leu
1 5

<210> 13085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13085
Ser Leu Leu Gln Leu Gly Thr Arg Phe
1 5

<210> 13086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13086
His Leu Arg Gly Trp Cys Gly Ala Trp
1 5

<210> 13087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13087
Ser Met Glu Ser Pro Lys Pro Leu Leu
1 5

<210> 13088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13088
Met Glu Ser Pro Lys Pro Leu Leu Ala
1 5

<210> 13089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13089
Leu Gln Ser His His Val Leu Pro Gln
1 5

<210> 13090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13090
Leu Arg His Leu His Ala Leu Arg Leu
1 5

<210> 13091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13091
Arg His Leu His Ala Leu Arg Leu Ala
1 5

<210> 13092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13092
His Leu His Ala Leu Arg Leu Ala Gly
1 5

<210> 13093
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13093
Ala Lys Leu Arg Gln Gly Ala Leu Leu
1 5

<210> 13094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13094
Arg Gln Gly Ala Leu Leu Pro Glu Pro
1 5

<210> 13095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13095
Ser Gln Gly Gly Arg Val Arg Thr Leu
1 5

<210> 13096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13096
Lys Gln Leu Arg Glu Val Pro Ala Thr
1 5

<210> 13097
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13097
Arg Glu Val Pro Ala Thr Arg Arg Leu
1 5

<210> 13098
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13098
Leu Ser Leu Ala Gly Asp Ala Ala Ala
1 5

<210> 13099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13099
Leu Ala Gly Asp Ala Ala Ala Ser Leu
1 5

<210> 13100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13100
Leu Glu Thr Ala Gly Gly Ile Gln Val
1 5

<210> 13101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13101

Thr Arg His Ser Gly Leu Val His Leu
1 5

<210> 13102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13102
Arg Gly Trp Cys Gly Ala Trp Ala Ala
1 5

<210> 13103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13103
Gly Ala Trp Ala Ala Arg Asn Leu Ile
1 5

<210> 13104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13104
Phe Ser Met Glu Ser Pro Lys Pro Leu Leu
1 5 10

<210> 13105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13105
Leu Leu Ala Ala Glu Ser His Gly Arg Ile
1 5 10

<210> 13106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13106
Arg Leu Ala Gly Ala Val Val Arg Pro Ala
1 5 10

<210> 13107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13107
Gly Leu Arg Glu Leu Leu Ala Pro Arg Leu
1 5 10

<210> 13108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13108
Ser Leu Ala Gly Asp Ala Ala Ala Ser Leu
1 5 10

<210> 13109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13109
Ser Leu Leu Gln Leu Gly Thr Arg Phe Leu
1 5 10

<210> 13110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13110
Phe Leu Gly Pro His Leu Ser Gly Gly Leu
1 5 10

<210> 13111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13111
Arg Leu Arg His Leu His Ala Leu Arg Leu
1 5 10

<210> 13112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13112
His Leu His Ala Leu Arg Leu Ala Gly Ala
1 5 10

<210> 13113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13113
Val Leu Ser Gly Leu Arg Glu Leu Leu Ala
1 5 10

<210> 13114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13114
Leu Leu Ser Leu Ala Gly Asp Ala Ala Ala
1 5 10

<210> 13115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13115
Gln Leu Gly Thr Arg Phe Leu Gln Gly Leu
1 5 10

<210> 13116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13116
Leu Leu Glu Thr Ala Gly Gly Ile Gln Val
1 5 10

<210> 13117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13117
His Leu Arg Gly Trp Cys Gly Ala Trp Ala
1 5 10

<210> 13118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13118
Trp Ile Trp Phe Ser Met Glu Ser Pro Lys

1 5 10

<210> 13119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13119
Gly Leu Gly Ser Val Gln Leu Gly Ala Lys
1 5 10

<210> 13120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13120
His Leu Ser Gly Gly Leu Ile Tyr Leu Arg
1 5 10

<210> 13121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13121
Gly Ala Trp Ala Ala Arg Asn Leu Ile Phe
1 5 10

<210> 13122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13122
Ala Trp Ala Ala Arg Asn Leu Ile Phe Leu
1 5 10

<210> 13123

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13123
His Gly Arg Ile Leu Gln Ser His His Val
1 5 10

<210> 13124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13124
His Val Leu Pro Gln Arg Leu Arg His Leu
1 5 10

<210> 13125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13125
Ala Leu Arg Leu Ala Gly Ala Val Val Arg
1 5 10

<210> 13126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13126
Val Val Arg Pro Ala Cys Pro Pro Thr Ala
1 5 10

<210> 13127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13127
Lys Leu Arg Gln Gly Ala Leu Leu Pro Glu
1 5 10

<210> 13128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13128
Gly Gly Arg Val Arg Thr Leu Pro Gln Ala
1 5 10

<210> 13129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13129
Arg Val Arg Thr Leu Pro Gln Ala Pro Ala
1 5 10

<210> 13130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13130
Arg Thr Leu Pro Gln Ala Pro Ala Pro Gly
1 5 10

<210> 13131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13131
Arg Ala Arg Gly Ala Gly Pro Gln Gln Lys
1 5 10

<210> 13132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13132
Ala Thr Arg Arg Leu His Pro Arg Gly Arg
1 5 10

<210> 13133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13133
Arg Leu His Pro Arg Gly Arg Leu Pro Glu
1 5 10

<210> 13134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13134
Arg Gly Trp Cys Gly Ala Trp Ala Ala Arg
1 5 10

<210> 13135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13135
Glu Leu Leu Ala Pro Arg Leu His His Arg
1 5 10

<210> 13136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13136
Gln Leu Arg Glu Val Pro Ala Thr Arg Arg
1 5 10

<210> 13137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13137
Val Pro Ala Thr Arg Arg Leu His Pro Arg
1 5 10

<210> 13138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13138
Glu Ala Val Glu Glu Arg Pro Gly Gly Leu
1 5 10

<210> 13139
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13139
Gln Val Pro Asp Thr Arg His Ser Gly Leu
1 5 10

<210> 13140
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13140
Leu Pro Gln Arg Leu Arg His Leu His Ala
1 5 10

<210> 13141
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13141
Ala Pro Gly Asn His Asp Gly Asp Ala Val
1 5 10

<210> 13142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13142
Ala Pro Arg Leu His His Arg Glu Ala Val
1 5 10

<210> 13143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13143
Gly Pro Gln Gln Lys Gln Leu Arg Glu Val
1 5 10

<210> 13144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13144
Leu Pro Glu Pro Gln Gly Pro Gly Pro Val
1 5 10

<210> 13145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13145
Pro Gln Arg Leu Arg His Leu His Ala Leu
1 5 10

<210> 13146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13146
Gly Pro His Leu Ser Gly Gly Leu Ile Tyr
1 5 10

<210> 13147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13147
Met Glu Ser Pro Lys Pro Leu Leu Ala Ala
1 5 10

<210> 13148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13148
Leu Ala Ala Glu Ser His Gly Arg Ile Leu
1 5 10

<210> 13149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13149
Gly Arg Ile Leu Gln Ser His His Val Leu
1 5 10

<210> 13150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13150
His Ala Leu Arg Leu Ala Gly Ala Val Val
1 5 10

<210> 13151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13151
Arg Ala Gly Gly Leu Gly Ser Val Gln Leu
1 5 10

<210> 13152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13152
Arg Gln Gly Ala Leu Leu Pro Glu Pro Ala
1 5 10

<210> 13153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13153
Val Gln Val Leu Ser Gly Leu Arg Glu Leu
1 5 10

<210> 13154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13154
Arg Glu Leu Leu Ala Pro Arg Leu His His
1 5 10

<210> 13155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13155
Gln Gln Lys Gln Leu Arg Glu Val Pro Ala
1 5 10

<210> 13156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13156
Arg Glu Val Pro Ala Thr Arg Arg Leu His
1 5 10

<210> 13157
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13157
Gly Gln Gly Pro Arg Pro Leu Pro Glu Leu
1 5 10

<210> 13158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13158
Gly Asp Ala Ala Ala Ser Leu Leu Gln Leu
1 5 10

<210> 13159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13159
Ala Ser Leu Leu Gln Leu Gly Thr Arg Phe
1 5 10

<210> 13160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13160
Leu Gln Leu Gly Thr Arg Phe Leu Gln Gly
1 5 10

<210> 13161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13161
Arg Phe Leu Gln Gly Leu Leu Glu Thr Ala
1 5 10

<210> 13162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13162
Ile Gln Val Pro Asp Thr Arg His Ser Gly
1 5 10

<210> 13163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13163
Val His Leu Arg Gly Trp Cys Gly Ala Trp
1 5 10

<210> 13164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13164
Arg Asn Leu Ile Phe Leu Gly Pro His Leu
1 5 10

<210> 13165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13165

Ala Glu Ser His Gly Arg Ile Leu Gln Ser
1 5 10

<210> 13166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13166
Pro Glu Leu Leu Ser Leu Ala Gly Asp Ala
1 5 10

<210> 13167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13167
Val Pro Asp Thr Arg His Ser Gly Leu Val
1 5 10

<210> 13168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13168
Leu Thr Val Gly Gly His Gly Ala Lys
1 5

<210> 13169
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13169
Gly Gly His Gly Ala Lys Val Arg Lys
1 5

<210> 13170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13170
His Gly Ala Lys Val Arg Lys Arg Lys
1 5

<210> 13171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13171
Lys Val Arg Lys Arg Lys Arg Glu Thr
1 5

<210> 13172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13172
Arg Ile Gln Pro Pro Arg Asn Arg Ser
1 5

<210> 13173
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13173
Arg Asn Arg Ser His Cys Leu Pro Cys
1 5

<210> 13174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13174
Thr Val Gly Gly His Gly Ala Lys Val
1 5

<210> 13175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13175
Pro Pro Arg Asn Arg Ser His Cys Leu
1 5

<210> 13176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13176
His Gln Asn Pro Thr Asp His Gln Met
1 5

<210> 13177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13177
Ile Gln Pro Pro Arg Asn Arg Ser His
1 5

<210> 13178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13178
Ser His Cys Leu Pro Cys Leu Pro Trp
1 5

<210> 13179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13179
Leu Pro Cys Leu Pro Trp Val His Leu
1 5

<210> 13180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13180
Leu Pro Trp Val His Leu His Gln Asn
1 5

<210> 13181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13181
Cys Leu Pro Cys Leu Pro Trp Val His Leu
1 5 10

<210> 13182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13182
Lys Leu Thr Val Gly Gly His Gly Ala Lys

1 5 10

<210> 13183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13183
Lys Val Arg Lys Arg Lys Arg Glu Thr Arg
1 5 10

<210> 13184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13184
Arg Ile Gln Pro Pro Arg Asn Arg Ser His
1 5 10

<210> 13185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13185
Arg Asn Arg Ser His Cys Leu Pro Cys Leu
1 5 10

<210> 13186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13186
Glu Thr Arg Ile Gln Pro Pro Arg Asn Arg
1 5 10

<210> 13187

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13187
Leu Thr Val Gly Gly His Gly Ala Lys Val
1 5 10

<210> 13188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13188
Gln Pro Pro Arg Asn Arg Ser His Cys Leu
1 5 10

<210> 13189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13189
Arg Ser His Cys Leu Pro Cys Leu Pro Trp
1 5 10

<210> 13190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13190
Leu His Gln Asn Pro Thr Asp His Gln Met
1 5 10

<210> 13191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13191
His Gln Asn Pro Thr Asp His Gln Met Leu
1 5 10

<210> 13192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13192
Leu Pro Trp Val His Leu His Gln Asn Pro
1 5 10

<210> 13193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13193
Asn Val Asp Ala Leu Arg Tyr Phe Val
1 5

<210> 13194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13194
Gly Leu Tyr Asn Val Asp Ala Leu Arg
1 5

<210> 13195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13195
Leu Tyr Asn Val Asp Ala Leu Arg Tyr
1 5

<210> 13196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13196
Tyr Asn Val Asp Ala Leu Arg Tyr Phe
1 5

<210> 13197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13197
Gly Val Cys Phe Val Gly Leu Tyr Asn Val
1 5 10

<210> 13198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13198
Gly Leu Tyr Asn Val Asp Ala Leu Arg Tyr
1 5 10

<210> 13199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13199
Leu Tyr Asn Val Asp Ala Leu Arg Tyr Phe
1 5 10

<210> 13200
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13200
Tyr Asn Val Asp Ala Leu Arg Tyr Phe Val
1 5 10

<210> 13201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13201
Lys Leu Lys Lys Phe Met Ile Gln Ile
1 5

<210> 13202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13202
Ile Gln Ile Gly Val Phe Ser Gly Leu
1 5

<210> 13203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13203
Lys Phe Met Ile Gln Ile Gly Val Phe
1 5

<210> 13204
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13204
Gln Ile Gly Val Phe Ser Gly Leu Tyr
1 5

<210> 13205
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13205
Lys Lys Phe Met Ile Gln Ile Gly Val
1 5

<210> 13206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13206
Phe Met Ile Gln Ile Gly Val Phe Ser Gly
1 5 10

<210> 13207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13207
Met Ile Gln Ile Gly Val Phe Ser Gly Leu
1 5 10

<210> 13208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13208
Lys Leu Lys Lys Phe Met Ile Gln Ile Gly
1 5 10

<210> 13209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13209
Ile Gln Ile Gly Val Phe Ser Gly Leu Tyr
1 5 10

<210> 13210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13210
Lys Lys Phe Met Ile Gln Ile Gly Val Phe
1 5 10

<210> 13211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13211
Ile Leu Asp His Leu Leu Asp Gly Tyr
1 5

<210> 13212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13212
Ile Phe Thr Arg Ile Leu Asp His Leu
1 5

<210> 13213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13213
His Leu Leu Asp Gly Tyr Asp Asn Arg
1 5

<210> 13214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13214
Phe Thr Arg Ile Leu Asp His Leu Leu
1 5

<210> 13215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13215
His Leu Leu Asp Gly Tyr Asp Asn Arg Leu
1 5 10

<210> 13216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13216
Thr Ile Phe Thr Arg Ile Leu Asp His Leu
1 5 10

<210> 13217
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13217
Ile Phe Thr Arg Ile Leu Asp His Leu Leu
1 5 10

<210> 13218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13218
Arg Ile Leu Asp His Leu Leu Asp Gly Tyr
1 5 10

<210> 13219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13219
Ser Ile Gln Thr Gly Tyr Met Pro Arg
1 5

<210> 13220
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13220
Ile Gln Thr Gly Tyr Met Pro Arg Lys
1 5

<210> 13221
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13221
Ser Pro Thr Ser Ile Gln Thr Gly Tyr
1 5

<210> 13222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13222
Ser Ile Gln Thr Gly Tyr Met Pro Arg Lys
1 5 10

<210> 13223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13223
Thr Ser Ile Gln Thr Gly Tyr Met Pro Arg
1 5 10

<210> 13224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13224
Ala Ser Pro Thr Ser Ile Gln Thr Gly Tyr
1 5 10

<210> 13225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13225
Ser Pro Thr Ser Ile Gln Thr Gly Tyr Met
1 5 10

<210> 13226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13226
Ile Gln Thr Gly Tyr Met Pro Arg Lys Ala
1 5 10

<210> 13227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13227
Asn Lys Ile Trp Thr Pro Asp Thr Phe
1 5

<210> 13228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13228
Ala Asn Lys Ile Trp Thr Pro Asp Thr Phe
1 5 10

<210> 13229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13229

Asn Lys Ile Trp Thr Pro Asp Thr Phe Phe
1 5 10

<210> 13230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13230
Lys Tyr His Leu Met Gly Gln Thr Val
1 5

<210> 13231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13231
Gly Ser Arg Leu Asn Lys Tyr His Leu
1 5

<210> 13232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13232
Ser Arg Leu Asn Lys Tyr His Leu Met
1 5

<210> 13233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13233
Gly Ser Arg Leu Asn Lys Tyr His Leu Met
1 5 10

<210> 13234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13234
Ala Glu Asp Gly Ser Arg Leu Asn Lys Tyr
1 5 10

<210> 13235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13235
Asn Lys Tyr His Leu Met Gly Gln Thr Val
1 5 10

<210> 13236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13236
Phe Ile Ala Val Cys Phe Ala Phe Ile
1 5

<210> 13237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13237
Phe Ala Phe Ile Phe Ser Ala Leu Ile
1 5

<210> 13238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13238
Phe Ile Phe Ser Ala Leu Ile Glu Phe
1 5

<210> 13239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13239
Ile Ala Val Cys Phe Ala Phe Ile Phe
1 5

<210> 13240
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13240
Cys Phe Ala Phe Ile Phe Ser Ala Leu
1 5

<210> 13241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13241
Phe Ile Phe Ser Ala Leu Ile Glu Phe Ala
1 5 10

<210> 13242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13242
Trp Phe Ile Ala Val Cys Phe Ala Phe Ile
1 5 10

<210> 13243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13243
Cys Phe Ala Phe Ile Phe Ser Ala Leu Ile
1 5 10

<210> 13244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13244
Ala Phe Ile Phe Ser Ala Leu Ile Glu Phe
1 5 10

<210> 13245
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13245
Phe Ile Ala Val Cys Phe Ala Phe Ile Phe
1 5 10

<210> 13246
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13246
Val Cys Phe Ala Phe Ile Phe Ser Ala Leu

1 5 10

<210> 13247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13247
Ser Ser Arg Glu Ala Tyr Gly Cys Ala
1 5

<210> 13248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13248
Glu Ala Tyr Gly Cys Ala Leu Asp Arg
1 5

<210> 13249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13249
Ser Arg Glu Ala Tyr Gly Cys Ala Leu
1 5

<210> 13250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13250
Ser Ser Arg Glu Ala Tyr Gly Cys Ala Leu
1 5 10

<210> 13251

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13251
Leu Thr Asn Val Asn Ala Ile Asp Arg
1 5

<210> 13252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13252
Ile Lys Ile Pro Asp Leu Thr Asn Val
1 5

<210> 13253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13253
Lys Ile Lys Ile Pro Asp Leu Thr Asn Val
1 5 10

<210> 13254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13254
Lys Ile Pro Asp Leu Thr Asn Val Asn Ala
1 5 10

<210> 13255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13255
Asp Leu Thr Asn Val Asn Ala Ile Asp Arg
1 5 10

<210> 13256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13256
Asn Val Asn Ala Ile Asp Arg Trp Ser Arg
1 5 10

<210> 13257
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13257
Ile Pro Asp Leu Thr Asn Val Asn Ala Ile
1 5 10

<210> 13258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13258
Phe Leu Gly Glu Arg Ala Leu Gly Leu
1 5

<210> 13259
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13259
Arg Leu Arg Pro Ser Met Ser Ser Thr
1 5

<210> 13260
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13260
Ala Thr Leu Ala Cys Pro Gly Ala Arg
1 5

<210> 13261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13261
Ala Leu Gly Leu Pro Ser Pro Leu Arg
1 5

<210> 13262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13262
Arg Val Ser Lys Trp Asp Asp Ser Arg
1 5

<210> 13263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13263
Thr Phe Thr Pro Ala Leu Cys Ser Leu
1 5

<210> 13264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13264
Ala Ala Arg Ser Gly Gly Gln Gly Ala
1 5

<210> 13265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13265
Arg Ser Gly Gly Gln Gly Ala Ser Val
1 5

<210> 13266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13266
Ser Leu Arg Arg Leu Arg Pro Ser Met
1 5

<210> 13267
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13267
Arg Gln Leu Pro Arg Asn Phe Leu Gly
1 5

<210> 13268
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13268
Arg Ala Leu Gly Leu Pro Ser Pro Leu
1 5

<210> 13269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13269
Lys Trp Asp Asp Ser Arg Pro Arg Lys
1 5

<210> 13270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13270
Lys Thr Arg Gly Ser Leu Gly Leu Pro
1 5

<210> 13271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13271
Phe Thr Pro Ala Leu Cys Ser Leu Arg
1 5

<210> 13272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13272
Ala Leu Cys Ser Leu Arg Arg Leu Arg
1 5

<210> 13273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13273
Thr Leu Ala Cys Pro Gly Ala Arg Arg
1 5

<210> 13274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13274
Gln Thr Pro Leu Thr Phe Thr Pro Ala
1 5

<210> 13275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13275
Thr Pro Leu Thr Phe Thr Pro Ala Leu
1 5

<210> 13276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13276
Arg Pro Arg Lys Thr Arg Gly Ser Leu
1 5

<210> 13277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13277
Pro Ser Thr Gln Thr Pro Leu Thr Phe
1 5

<210> 13278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13278
Cys Glu His Arg Thr Gln Ala Thr Leu
1 5

<210> 13279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13279
Thr Gln Ala Thr Leu Ala Cys Pro Gly
1 5

<210> 13280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13280
Ala Arg Arg Gln Leu Pro Arg Asn Phe
1 5

<210> 13281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13281
Arg Arg Gln Leu Pro Arg Asn Phe Leu
1 5

<210> 13282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13282
Arg Asn Phe Leu Gly Glu Arg Ala Leu
1 5

<210> 13283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13283
Gly Glu Arg Ala Leu Gly Leu Pro Ser
1 5

<210> 13284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13284
Arg Lys Thr Arg Gly Ser Leu Gly Leu
1 5

<210> 13285
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13285
Arg Gly Ser Leu Gly Leu Pro Glu Leu
1 5

<210> 13286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13286
Ala Leu Gly Leu Pro Ser Pro Leu Arg Val
1 5 10

<210> 13287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13287
Ala Thr Leu Ala Cys Pro Gly Ala Arg Arg
1 5 10

<210> 13288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13288
Arg Ala Leu Gly Leu Pro Ser Pro Leu Arg
1 5 10

<210> 13289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13289
Cys Ser Leu Arg Arg Leu Arg Pro Ser Met
1 5 10

<210> 13290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13290
Ser Leu Arg Arg Leu Arg Pro Ser Met Ser
1 5 10

<210> 13291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13291
Arg Leu Arg Pro Ser Met Ser Ser Thr Gly
1 5 10

<210> 13292
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13292
Arg Thr Gln Ala Thr Leu Ala Cys Pro Gly
1 5 10

<210> 13293
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13293

Lys Thr Arg Gly Ser Leu Gly Leu Pro Glu
1 5 10

<210> 13294
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13294
Thr Phe Thr Pro Ala Leu Cys Ser Leu Arg
1 5 10

<210> 13295
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13295
Gln Thr Pro Leu Thr Phe Thr Pro Ala Leu
1 5 10

<210> 13296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13296
Leu Thr Phe Thr Pro Ala Leu Cys Ser Leu
1 5 10

<210> 13297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13297
Thr Pro Ala Leu Cys Ser Leu Arg Arg Leu
1 5 10

<210> 13298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13298
Leu Pro Arg Asn Phe Leu Gly Glu Arg Ala
1 5 10

<210> 13299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13299
Arg Pro Arg Lys Thr Arg Gly Ser Leu Gly
1 5 10

<210> 13300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13300
Gly Ser Gly Pro Ser Thr Gln Thr Pro Leu
1 5 10

<210> 13301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13301
Gly Pro Ser Thr Gln Thr Pro Leu Thr Phe
1 5 10

<210> 13302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13302
Thr Gln Thr Pro Leu Thr Phe Thr Pro Ala
1 5 10

<210> 13303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13303
Thr Gln Ala Thr Leu Ala Cys Pro Gly Ala
1 5 10

<210> 13304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13304
Leu Ala Cys Pro Gly Ala Arg Arg Gln Leu
1 5 10

<210> 13305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13305
Gly Ala Arg Arg Gln Leu Pro Arg Asn Phe
1 5 10

<210> 13306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13306
Arg Gln Leu Pro Arg Asn Phe Leu Gly Glu
1 5 10

<210> 13307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13307
Glu Arg Ala Leu Gly Leu Pro Ser Pro Leu
1 5 10

<210> 13308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13308
Thr Arg Gly Ser Leu Gly Leu Pro Glu Leu
1 5 10

<210> 13309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13309
Leu Pro Ser Pro Leu Arg Val Ser Lys Trp
1 5 10

<210> 13310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13310
Cys Glu His Arg Thr Gln Ala Thr Leu Ala

1 5 10

<210> 13311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13311
Gly Glu Arg Ala Leu Gly Leu Pro Ser Pro
1 5 10

<210> 13312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13312
Lys Phe Ser Ser Tyr Gly Tyr Pro Lys
1 5

<210> 13313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13313
Pro Leu Lys Phe Ser Ser Tyr Gly Tyr
1 5

<210> 13314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13314
Asp Glu His Ser Cys Pro Leu Lys Phe
1 5

<210> 13315

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13315
His Ser Cys Pro Leu Lys Phe Ser Ser Tyr
1 5 10

<210> 13316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13316
Cys Pro Leu Lys Phe Ser Ser Tyr Gly Tyr
1 5 10

<210> 13317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13317
Met Asp Glu His Ser Cys Pro Leu Lys Phe
1 5 10

<210> 13318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13318
Val Phe Leu Ser Val Leu Glu Tyr Val
1 5

<210> 13319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13319
Phe Leu Ser Val Leu Glu Tyr Val Ala
1 5

<210> 13320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13320
Val Ala Val Asn Tyr Leu Thr Thr Val
1 5

<210> 13321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13321
Val Leu Glu Tyr Val Ala Val Asn Tyr
1 5

<210> 13322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13322
Leu Glu Tyr Val Ala Val Asn Tyr Leu
1 5

<210> 13323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13323
Phe Val Phe Leu Ser Val Leu Glu Tyr Val
1 5 10

<210> 13324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13324
Phe Leu Ser Val Leu Glu Tyr Val Ala Val
1 5 10

<210> 13325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13325
Val Leu Glu Tyr Val Ala Val Asn Tyr Leu
1 5 10

<210> 13326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13326
Tyr Val Ala Val Asn Tyr Leu Thr Thr Val
1 5 10

<210> 13327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13327
Ser Val Leu Glu Tyr Val Ala Val Asn Tyr
1 5 10

<210> 13328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13328
Leu Glu Tyr Val Ala Val Asn Tyr Leu Thr
1 5 10

<210> 13329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13329
Lys Ser Asp Ile Leu Lys Lys Cys Tyr
1 5

<210> 13330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13330
Ile Leu Lys Lys Cys Tyr Ser Ala Lys
1 5

<210> 13331
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13331
Ile Leu Lys Lys Cys Tyr Ser Ala Lys Ala
1 5 10

<210> 13332
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13332
Leu Val Lys Asp Lys Ser Asp Ile Leu Lys
1 5 10

<210> 13333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13333
Asp Ile Leu Lys Lys Cys Tyr Ser Ala Lys
1 5 10

<210> 13334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13334
Ser Ala Ser Ser Arg Leu Ala Ala Ile
1 5

<210> 13335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13335
Lys Leu Asn Ala Arg Ser Ala Ser Ser
1 5

<210> 13336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13336
Arg Ser Ala Ser Ser Arg Leu Ala Ala
1 5

<210> 13337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13337
Asn Ala Arg Ser Ala Ser Ser Arg Leu
1 5

<210> 13338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13338
Tyr Ala Lys Leu Asn Ala Arg Ser Ala
1 5

<210> 13339
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13339
Val Leu Tyr Ala Lys Leu Asn Ala Arg Ser
1 5 10

<210> 13340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13340
Lys Leu Asn Ala Arg Ser Ala Ser Ser Arg
1 5 10

<210> 13341
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13341
Asn Ala Arg Ser Ala Ser Ser Arg Leu Ala
1 5 10

<210> 13342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13342
Arg Ser Ala Ser Ser Arg Leu Ala Ala Ile
1 5 10

<210> 13343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13343
Leu Asn Ala Arg Ser Ala Ser Ser Arg Leu
1 5 10

<210> 13344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13344
Ala Arg Ser Ala Ser Ser Arg Leu Ala Ala
1 5 10

<210> 13345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13345
Gly Gly Thr Cys His Val Ile Asn Lys
1 5

<210> 13346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13346
Tyr Thr Phe Pro Gly Gly Thr Cys His
1 5

<210> 13347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13347
Phe Pro Gly Gly Thr Cys His Val Ile
1 5

<210> 13348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13348
Tyr Thr Phe Pro Gly Gly Thr Cys His Val
1 5 10

<210> 13349
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13349
Thr Phe Pro Gly Gly Thr Cys His Val Ile
1 5 10

<210> 13350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13350
Arg Val Val Cys Pro Val Ile Glu Ile
1 5

<210> 13351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13351
Ile Glu Ile Ile Asn Leu Asp Thr Phe
1 5

<210> 13352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13352
Cys Pro Val Ile Glu Ile Ile Asn Leu
1 5

<210> 13353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13353
Glu Ile Ile Asn Leu Asp Thr Phe Thr Tyr
1 5 10

<210> 13354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13354
Arg Val Val Cys Pro Val Ile Glu Ile Ile
1 5 10

<210> 13355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13355
Ala Gln Met Asp Ile Trp Gly Gly Arg
1 5

<210> 13356
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13356
Met Asp Ile Trp Gly Gly Arg Glu Phe
1 5

<210> 13357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13357

Asp Ala Gln Met Asp Ile Trp Gly Gly Arg
1 5 10

<210> 13358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13358
Gln Met Asp Ile Trp Gly Gly Arg Glu Phe
1 5 10

<210> 13359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13359
Ser Leu Arg Gly Gly Glu Asn Leu Lys
1 5

<210> 13360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13360
Gly Gly Glu Asn Leu Lys Leu Ser Phe
1 5

<210> 13361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13361
Asn Leu Lys Leu Ser Phe Lys Ala Trp
1 5

<210> 13362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13362
Leu Lys Leu Ser Phe Lys Ala Trp Leu
1 5

<210> 13363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13363
Ser Leu Arg Gly Gly Glu Asn Leu Lys Leu
1 5 10

<210> 13364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13364
Met Ser Leu Arg Gly Gly Glu Asn Leu Lys
1 5 10

<210> 13365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13365
Asn Leu Lys Leu Ser Phe Lys Ala Trp Leu
1 5 10

<210> 13366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13366
Arg Gly Gly Glu Asn Leu Lys Leu Ser Phe
1 5 10

<210> 13367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13367
Gly Glu Asn Leu Lys Leu Ser Phe Lys Ala
1 5 10

<210> 13368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13368
Leu Ser Thr Trp Ser Pro Gly Lys Lys
1 5

<210> 13369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13369
Lys Ser Gln Glu Pro Leu Ser Thr Trp
1 5

<210> 13370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13370
Lys Lys Ser Gln Glu Pro Leu Ser Thr Trp
1 5 10

<210> 13371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13371
Val Ile Asp Asp Ile Thr Leu Glu Tyr
1 5

<210> 13372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13372
Pro Leu Ile Asp Val Ile Asp Asp Ile
1 5

<210> 13373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13373
Val Ile Asp Asp Ile Thr Leu Glu Tyr Lys
1 5 10

<210> 13374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13374
Asp Val Ile Asp Asp Ile Thr Leu Glu Tyr

1 5 10

<210> 13375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13375
Ile Thr Leu Glu Tyr Lys Pro Ser Pro Leu
1 5 10

<210> 13376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13376
Cys Pro Leu Ile Asp Val Ile Asp Asp Ile
1 5 10

<210> 13377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13377
Asn Pro Ala Glu Lys Ile Phe Met Ala
1 5

<210> 13378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13378
Cys Met Asp Cys Asn Pro Ala Glu Lys Ile
1 5 10

<210> 13379

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13379
Asn Pro Ala Glu Lys Ile Phe Met Ala Arg
1 5 10

<210> 13380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13380
Met Asp Cys Asn Pro Ala Glu Lys Ile Phe
1 5 10

<210> 13381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13381
Arg Ser Leu Ser Ala Ala Ser Cys Ala
1 5

<210> 13382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13382
Leu Ser Ala Ala Ser Cys Ala Pro Ile
1 5

<210> 13383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13383
Ala Pro Ile Ser Leu Pro Ala Ala Ala
1 5

<210> 13384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13384
Ala Ala Ser Cys Ala Pro Ile Ser Leu
1 5

<210> 13385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13385
Ser Leu Ser Ala Ala Ser Cys Ala Pro Ile
1 5 10

<210> 13386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13386
Ser Ala Ala Ser Cys Ala Pro Ile Ser Leu
1 5 10

<210> 13387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13387
Phe Glu Lys Lys Arg Pro Glu Trp Leu
1 5

<210> 13388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13388
Phe Ser Phe Glu Lys Lys Arg Pro Glu Trp
1 5 10

<210> 13389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13389
Arg Glu Leu Ala Leu Pro Pro Pro Ala
1 5

<210> 13390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13390
Leu Pro Pro Pro Ala Pro Ser Pro Pro Ala
1 5 10

<210> 13391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13391
Arg Glu Leu Ala Leu Pro Pro Pro Ala Pro
1 5 10

<210> 13392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13392
Thr Thr Ser Arg Val Ala Ser Thr Val
1 5

<210> 13393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13393
Ala Thr Ala Ala Ser Ser Ser Pro Leu
1 5

<210> 13394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13394
Lys Met Ser Thr Asn Ala Ala Arg Arg
1 5

<210> 13395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13395
Gly Trp Gly Ala Gly Ser Ala Thr Lys
1 5

<210> 13396
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13396
Ala Thr Lys Met Ser Thr Asn Ala Ala
1 5

<210> 13397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13397
Ala Arg Arg Thr Gly Ala Ala Ser Arg
1 5

<210> 13398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13398
Arg Thr Gly Ala Ala Ser Arg Ser Ala
1 5

<210> 13399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13399
Ala Ser Arg Ser Ala Thr Thr Ser Arg
1 5

<210> 13400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13400
Arg Ser Ala Thr Thr Ser Arg Val Ala
1 5

<210> 13401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13401
Ser Thr Val Pro Ala Thr Ala Ala Ser
1 5

<210> 13402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13402
Asn Ala Ala Arg Arg Thr Gly Ala Ala
1 5

<210> 13403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13403
Trp Gly Ala Gly Ser Ala Thr Lys Met
1 5

<210> 13404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13404
Ser Arg Val Ala Ser Thr Val Pro Ala
1 5

<210> 13405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13405
Thr Ala Ala Ser Ser Ser Pro Leu Met
1 5

<210> 13406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13406
Ala Thr Thr Ser Arg Val Ala Ser Thr Val
1 5 10

<210> 13407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13407
Arg Val Ala Ser Thr Val Pro Ala Thr Ala
1 5 10

<210> 13408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13408
Ala Thr Lys Met Ser Thr Asn Ala Ala Arg
1 5 10

<210> 13409
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13409
Ala Ala Ser Arg Ser Ala Thr Thr Ser Arg
1 5 10

<210> 13410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13410
Ser Ser Pro Leu Met Ala Gly Pro Ala Lys
1 5 10

<210> 13411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13411
Ala Gly Trp Gly Ala Gly Ser Ala Thr Lys
1 5 10

<210> 13412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13412
Ser Thr Asn Ala Ala Arg Arg Thr Gly Ala
1 5 10

<210> 13413
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13413
Ala Ala Arg Arg Thr Gly Ala Ala Ser Arg
1 5 10

<210> 13414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13414
Arg Thr Gly Ala Ala Ser Arg Ser Ala Thr
1 5 10

<210> 13415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13415
Ala Ser Arg Ser Ala Thr Thr Ser Arg Val
1 5 10

<210> 13416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13416
Thr Ser Arg Val Ala Ser Thr Val Pro Ala
1 5 10

<210> 13417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13417
Ala Thr Ala Ala Ser Ser Ser Pro Leu Met
1 5 10

<210> 13418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13418
Ser Arg Val Ala Ser Thr Val Pro Ala Thr
1 5 10

<210> 13419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13419
Ile Leu Leu Cys Thr Lys Ala Ser Leu
1 5

<210> 13420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13420
Leu Leu Cys Thr Lys Ala Ser Leu Lys
1 5

<210> 13421
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13421

Lys Ala Ser Leu Lys Val Arg Glu Lys
1 5

<210> 13422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13422
Cys Thr Lys Ala Ser Leu Lys Val Arg
1 5

<210> 13423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13423
Ser Leu Lys Val Arg Glu Lys Glu Leu
1 5

<210> 13424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13424
Leu Leu Cys Thr Lys Ala Ser Leu Lys Val
1 5 10

<210> 13425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13425
Ile Leu Leu Cys Thr Lys Ala Ser Leu Lys
1 5 10

<210> 13426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13426
Ser Leu Lys Val Arg Glu Lys Glu Leu Lys
1 5 10

<210> 13427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13427
Lys Gln Ile Leu Leu Cys Thr Lys Ala Ser
1 5 10

<210> 13428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13428
Cys Leu Gln Cys Leu Trp Ala Leu Leu
1 5

<210> 13429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13429
Trp Ala Leu Leu Gln Ala Ser Gln Tyr
1 5

<210> 13430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13430
Arg Asn Ala Asn Gly Gly Pro Cys Leu
1 5

<210> 13431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13431
Leu Trp Ala Leu Leu Gln Ala Ser Gln Tyr
1 5 10

<210> 13432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13432
Arg Arg Asn Ala Asn Gly Gly Pro Cys Leu
1 5 10

<210> 13433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13433
Leu Gln Cys Leu Trp Ala Leu Leu Gln Ala
1 5 10

<210> 13434
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13434
Val Leu Pro Glu Pro His Leu Ala Leu
1 5

<210> 13435
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13435
Ala Leu Gln Pro Leu Gln Pro His Ala
1 5

<210> 13436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13436
Ala Ile Gln Pro Val Leu Trp Thr Thr
1 5

<210> 13437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13437
Met Leu Thr Gly Pro Pro Ala Arg Val
1 5

<210> 13438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13438
Phe Leu Lys Ala Glu Ser Lys Ile Met

1 5

<210> 13439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13439
Ile Met Phe Ala Thr Leu Gln Arg Ser
1 5

<210> 13440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13440
Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5

<210> 13441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13441
Lys Ile Met Phe Ala Thr Leu Gln Arg
1 5

<210> 13442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13442
Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5

<210> 13443

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13443
His Phe Cys Arg Ser Ser Ile Met Lys
1 5

<210> 13444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13444
Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5

<210> 13445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13445
Cys Ser Met Leu Thr Gly Pro Pro Ala
1 5

<210> 13446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13446
Arg Ser Ser Ile Met Lys Pro Lys Arg
1 5

<210> 13447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13447
Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5

<210> 13448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13448
Lys Ala Glu Ser Lys Ile Met Phe Ala
1 5

<210> 13449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13449
Val Pro Phe Asp Leu His Phe Cys Arg
1 5

<210> 13450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13450
Ala Ala Leu Ser Arg His Asn Val Leu
1 5

<210> 13451
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13451
Glu Pro His Leu Ala Leu Gln Pro Leu
1 5

<210> 13452
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13452
Gly Pro Pro Ala Arg Val Pro Ala Val
1 5

<210> 13453
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13453
Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5

<210> 13454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13454
Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5

<210> 13455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13455
Asp Leu His Phe Cys Arg Ser Ser Ile
1 5

<210> 13456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13456
Leu His Phe Cys Arg Ser Ser Ile Met
1 5

<210> 13457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13457
Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5

<210> 13458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13458
Leu Ala Leu Gln Pro Leu Gln Pro His
1 5

<210> 13459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13459
Leu Gln Pro His Ala Asp His Ala His
1 5

<210> 13460
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13460
His Ala His Ala Asp Ala Pro Ala Ile
1 5

<210> 13461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13461
Leu Gln His Gly His Arg His Gly Leu
1 5

<210> 13462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13462
Arg His Gly Leu Glu Pro Cys Ser Met
1 5

<210> 13463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13463
Pro Ala Arg Val Pro Ala Val Pro Phe
1 5

<210> 13464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13464
Pro Ala Val Pro Phe Asp Leu His Phe
1 5

<210> 13465
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13465
Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5

<210> 13466
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13466
Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5

<210> 13467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13467
Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5

<210> 13468
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13468
Ala Glu Ser Lys Ile Met Phe Ala Thr
1 5

<210> 13469
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13469
Ala Asp Ala Pro Ala Ile Gln Pro Val
1 5

<210> 13470
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13470
Ala Pro Ala Ile Gln Pro Val Leu Trp
1 5

<210> 13471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13471
Ser Met Leu Thr Gly Pro Pro Ala Arg Val
1 5 10

<210> 13472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13472
Tyr Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5 10

<210> 13473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13473
Thr Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5 10

<210> 13474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13474
Cys Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5 10

<210> 13475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13475
Leu His Phe Cys Arg Ser Ser Ile Met Lys
1 5 10

<210> 13476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13476
Phe Cys Arg Ser Ser Ile Met Lys Pro Lys
1 5 10

<210> 13477
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13477
Ile Met Lys Pro Lys Arg Asp Gly Tyr Met
1 5 10

<210> 13478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13478
Gly Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5 10

<210> 13479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13479
Ser Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5 10

<210> 13480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13480
Thr Thr Pro Pro Leu Gln His Gly His Arg
1 5 10

<210> 13481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13481
Ala Val Pro Phe Asp Leu His Phe Cys Arg
1 5 10

<210> 13482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13482
His Ala Asp Ala Pro Ala Ile Gln Pro Val
1 5 10

<210> 13483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13483
Asn Pro Ala Ala Leu Ser Arg His Asn Val
1 5 10

<210> 13484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13484
Gln Pro Val Leu Trp Thr Thr Pro Pro Leu
1 5 10

<210> 13485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13485

Lys Pro Lys Arg Asp Gly Tyr Met Phe Leu
1 5 10

<210> 13486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13486
Asp Leu His Phe Cys Arg Ser Ser Ile Met
1 5 10

<210> 13487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13487
Met Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5 10

<210> 13488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13488
Phe Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5 10

<210> 13489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13489
Arg His Asn Val Leu Pro Glu Pro His Leu
1 5 10

<210> 13490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13490
His Leu Ala Leu Gln Pro Leu Gln Pro His
1 5 10

<210> 13491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13491
Ala Asp Ala Pro Ala Ile Gln Pro Val Leu
1 5 10

<210> 13492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13492
His Arg His Gly Leu Glu Pro Cys Ser Met
1 5 10

<210> 13493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13493
Ala Arg Val Pro Ala Val Pro Phe Asp Leu
1 5 10

<210> 13494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13494
Val Pro Ala Val Pro Phe Asp Leu His Phe
1 5 10

<210> 13495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13495
Phe Asp Leu His Phe Cys Arg Ser Ser Ile
1 5 10

<210> 13496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13496
Met Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5 10

<210> 13497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13497
Met Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5 10

<210> 13498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13498
Ala Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5 10

<210> 13499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13499
Ile Met Phe Ala Thr Leu Gln Arg Ser Ser
1 5 10

<210> 13500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13500
Phe Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5 10

<210> 13501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13501
Leu Gln Arg Ser Ser Leu Trp Cys Leu Cys
1 5 10

<210> 13502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13502
Pro Pro Ala Arg Val Pro Ala Val Pro Phe

1 5 10

<210> 13503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13503
Pro Glu Pro His Leu Ala Leu Gln Pro Leu
1 5 10

<210> 13504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13504
Ala Leu Gln Pro Leu Gln Pro His Ala
1 5

<210> 13505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13505
Ala Ile Gln Pro Val Leu Trp Thr Thr
1 5

<210> 13506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13506
Met Leu Thr Gly Pro Pro Ala Arg Val
1 5

<210> 13507

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13507
Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5

<210> 13508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13508
Ile Met Phe Ala Thr Leu Gln Arg Ser
1 5

<210> 13509
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13509
Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5

<210> 13510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13510
Lys Ile Met Phe Ala Thr Leu Gln Arg
1 5

<210> 13511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13511
Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5

<210> 13512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13512
His Phe Cys Arg Ser Ser Ile Met Lys
1 5

<210> 13513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13513
Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5

<210> 13514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13514
Met Ser Ser Leu Ser His Ile Ser Ala
1 5

<210> 13515
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13515
Ser Ser Leu Ser His Ile Ser Ala Leu
1 5

<210> 13516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13516
Cys Ser Met Leu Thr Gly Pro Pro Ala
1 5

<210> 13517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13517
Arg Ser Ser Ile Met Lys Pro Lys Arg
1 5

<210> 13518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13518
Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5

<210> 13519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13519
Lys Ala Glu Ser Lys Ile Met Phe Ala
1 5

<210> 13520
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13520
Val Pro Phe Asp Leu His Phe Cys Arg
1 5

<210> 13521
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13521
Gly Pro Pro Ala Arg Val Pro Ala Val
1 5

<210> 13522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13522
Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5

<210> 13523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13523
Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5

<210> 13524
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13524
Asp Leu His Phe Cys Arg Ser Ser Ile
1 5

<210> 13525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13525
Leu His Phe Cys Arg Ser Ser Ile Met
1 5

<210> 13526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13526
Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5

<210> 13527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13527
Ser His Ile Ser Ala Leu Gln Pro Leu
1 5

<210> 13528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13528
Ser Ala Leu Gln Pro Leu Gln Pro His
1 5

<210> 13529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13529
Leu Gln Pro His Ala Asp His Ala His
1 5

<210> 13530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13530
His Ala His Ala Asp Ala Pro Ala Ile
1 5

<210> 13531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13531
Leu Gln His Gly His Arg His Gly Leu
1 5

<210> 13532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13532
Arg His Gly Leu Glu Pro Cys Ser Met
1 5

<210> 13533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13533
Pro Ala Arg Val Pro Ala Val Pro Phe
1 5

<210> 13534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13534
Pro Ala Val Pro Phe Asp Leu His Phe
1 5

<210> 13535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13535
Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5

<210> 13536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13536
Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5

<210> 13537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13537
Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5

<210> 13538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13538
Ala Glu Ser Lys Ile Met Phe Ala Thr
1 5

<210> 13539
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13539
Ala Asp Ala Pro Ala Ile Gln Pro Val
1 5

<210> 13540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13540
Ala Pro Ala Ile Gln Pro Val Leu Trp
1 5

<210> 13541
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13541
Ser Met Leu Thr Gly Pro Pro Ala Arg Val
1 5 10

<210> 13542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13542
Tyr Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5 10

<210> 13543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13543
Thr Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5 10

<210> 13544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13544
His Met Ser Ser Leu Ser His Ile Ser Ala
1 5 10

<210> 13545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13545
Cys Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5 10

<210> 13546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13546
Leu His Phe Cys Arg Ser Ser Ile Met Lys
1 5 10

<210> 13547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13547
Phe Cys Arg Ser Ser Ile Met Lys Pro Lys
1 5 10

<210> 13548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13548
Ile Met Lys Pro Lys Arg Asp Gly Tyr Met
1 5 10

<210> 13549
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13549

Gly Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5 10

<210> 13550
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13550
Ser Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5 10

<210> 13551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13551
Thr Thr Pro Pro Leu Gln His Gly His Arg
1 5 10

<210> 13552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13552
Ala Val Pro Phe Asp Leu His Phe Cys Arg
1 5 10

<210> 13553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13553
Met Ser Ser Leu Ser His Ile Ser Ala Leu
1 5 10

<210> 13554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13554
His Ala Asp Ala Pro Ala Ile Gln Pro Val
1 5 10

<210> 13555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13555
Gln Pro Val Leu Trp Thr Thr Pro Pro Leu
1 5 10

<210> 13556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13556
Lys Pro Lys Arg Asp Gly Tyr Met Phe Leu
1 5 10

<210> 13557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13557
Asp Leu His Phe Cys Arg Ser Ser Ile Met
1 5 10

<210> 13558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13558
Met Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5 10

<210> 13559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13559
Phe Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5 10

<210> 13560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13560
Leu Ser His Ile Ser Ala Leu Gln Pro Leu
1 5 10

<210> 13561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13561
Ala Asp Ala Pro Ala Ile Gln Pro Val Leu
1 5 10

<210> 13562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13562
His Arg His Gly Leu Glu Pro Cys Ser Met
1 5 10

<210> 13563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13563
Ala Arg Val Pro Ala Val Pro Phe Asp Leu
1 5 10

<210> 13564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13564
Val Pro Ala Val Pro Phe Asp Leu His Phe
1 5 10

<210> 13565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13565
Phe Asp Leu His Phe Cys Arg Ser Ser Ile
1 5 10

<210> 13566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13566
Met Lys Pro Lys Arg Asp Gly Tyr Met Phe

1 5 10

<210> 13567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13567
Met Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5 10

<210> 13568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13568
Ala Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5 10

<210> 13569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13569
Ile Met Phe Ala Thr Leu Gln Arg Ser Ser
1 5 10

<210> 13570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13570
Phe Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5 10

<210> 13571

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13571
Leu Gln Arg Ser Ser Leu Trp Cys Leu Cys
1 5 10

<210> 13572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13572
Pro Pro Ala Arg Val Pro Ala Val Pro Phe
1 5 10

<210> 13573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13573
Ala Leu Gln Pro Leu Gln Pro His Ala
1 5

<210> 13574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13574
Ala Ile Gln Pro Val Leu Trp Thr Thr
1 5

<210> 13575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13575
Met Leu Thr Gly Pro Pro Ala Arg Val
1 5

<210> 13576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13576
Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5

<210> 13577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13577
Ile Met Phe Ala Thr Leu Gln Arg Ser
1 5

<210> 13578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13578
Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5

<210> 13579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13579
Lys Ile Met Phe Ala Thr Leu Gln Arg
1 5

<210> 13580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13580
Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5

<210> 13581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13581
His Phe Cys Arg Ser Ser Ile Met Lys
1 5

<210> 13582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13582
Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5

<210> 13583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13583
Met Ser Ser Leu Ser His Ile Ser Ala
1 5

<210> 13584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13584
Ser Ser Leu Ser His Ile Ser Ala Leu
1 5

<210> 13585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13585
Cys Ser Met Leu Thr Gly Pro Pro Ala
1 5

<210> 13586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13586
Arg Ser Ser Ile Met Lys Pro Lys Arg
1 5

<210> 13587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13587
Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5

<210> 13588
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13588
Lys Ala Glu Ser Lys Ile Met Phe Ala
1 5

<210> 13589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13589
Val Pro Phe Asp Leu His Phe Cys Arg
1 5

<210> 13590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13590
Gly Pro Pro Ala Arg Val Pro Ala Val
1 5

<210> 13591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13591
Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5

<210> 13592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13592
Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5

<210> 13593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13593
Asp Leu His Phe Cys Arg Ser Ser Ile
1 5

<210> 13594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13594
Leu His Phe Cys Arg Ser Ser Ile Met
1 5

<210> 13595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13595
Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5

<210> 13596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13596
Ser His Ile Ser Ala Leu Gln Pro Leu
1 5

<210> 13597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13597
Ser Ala Leu Gln Pro Leu Gln Pro His
1 5

<210> 13598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13598
Leu Gln Pro His Ala Asp His Ala His
1 5

<210> 13599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13599
His Ala His Ala Asp Ala Pro Ala Ile
1 5

<210> 13600
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13600
Leu Gln His Gly His Arg His Gly Leu
1 5

<210> 13601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13601
Arg His Gly Leu Glu Pro Cys Ser Met
1 5

<210> 13602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13602
Pro Ala Arg Val Pro Ala Val Pro Phe
1 5

<210> 13603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13603
Pro Ala Val Pro Phe Asp Leu His Phe
1 5

<210> 13604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13604
Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5

<210> 13605
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13605
Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5

<210> 13606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13606
Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5

<210> 13607
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13607
Ala Glu Ser Lys Ile Met Phe Ala Thr
1 5

<210> 13608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13608
Ala Asp Ala Pro Ala Ile Gln Pro Val
1 5

<210> 13609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13609
Ala Pro Ala Ile Gln Pro Val Leu Trp
1 5

<210> 13610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13610
Ser Met Leu Thr Gly Pro Pro Ala Arg Val
1 5 10

<210> 13611
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13611
Tyr Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5 10

<210> 13612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13612
Thr Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5 10

<210> 13613
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13613

His Met Ser Ser Leu Ser His Ile Ser Ala
1 5 10

<210> 13614
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13614
Cys Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5 10

<210> 13615
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13615
Leu His Phe Cys Arg Ser Ser Ile Met Lys
1 5 10

<210> 13616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13616
Phe Cys Arg Ser Ser Ile Met Lys Pro Lys
1 5 10

<210> 13617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13617
Ile Met Lys Pro Lys Arg Asp Gly Tyr Met
1 5 10

<210> 13618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13618
Gly Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5 10

<210> 13619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13619
Ser Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5 10

<210> 13620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13620
Thr Thr Pro Pro Leu Gln His Gly His Arg
1 5 10

<210> 13621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13621
Ala Val Pro Phe Asp Leu His Phe Cys Arg
1 5 10

<210> 13622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13622
Met Ser Ser Leu Ser His Ile Ser Ala Leu
1 5 10

<210> 13623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13623
His Ala Asp Ala Pro Ala Ile Gln Pro Val
1 5 10

<210> 13624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13624
Gln Pro Val Leu Trp Thr Thr Pro Pro Leu
1 5 10

<210> 13625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13625
Lys Pro Lys Arg Asp Gly Tyr Met Phe Leu
1 5 10

<210> 13626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13626
Asp Leu His Phe Cys Arg Ser Ser Ile Met
1 5 10

<210> 13627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13627
Met Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5 10

<210> 13628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13628
Phe Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5 10

<210> 13629
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13629
Leu Ser His Ile Ser Ala Leu Gln Pro Leu
1 5 10

<210> 13630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13630
Ala Asp Ala Pro Ala Ile Gln Pro Val Leu

1 5 10

<210> 13631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13631
His Arg His Gly Leu Glu Pro Cys Ser Met
1 5 10

<210> 13632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13632
Ala Arg Val Pro Ala Val Pro Phe Asp Leu
1 5 10

<210> 13633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13633
Val Pro Ala Val Pro Phe Asp Leu His Phe
1 5 10

<210> 13634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13634
Phe Asp Leu His Phe Cys Arg Ser Ser Ile
1 5 10

<210> 13635

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13635
Met Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5 10

<210> 13636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13636
Met Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5 10

<210> 13637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13637
Ala Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5 10

<210> 13638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13638
Ile Met Phe Ala Thr Leu Gln Arg Ser Ser
1 5 10

<210> 13639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13639
Phe Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5 10

<210> 13640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13640
Leu Gln Arg Ser Ser Leu Trp Cys Leu Cys
1 5 10

<210> 13641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13641
Pro Pro Ala Arg Val Pro Ala Val Pro Phe
1 5 10

<210> 13642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13642
Met Leu Thr Gly Pro Pro Ala Arg Val
1 5

<210> 13643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13643
Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5

<210> 13644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13644
Ile Met Phe Ala Thr Leu Gln Arg Ser
1 5

<210> 13645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13645
Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5

<210> 13646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13646
Lys Ile Met Phe Ala Thr Leu Gln Arg
1 5

<210> 13647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13647
Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5

<210> 13648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13648
His Phe Cys Arg Ser Ser Ile Met Lys
1 5

<210> 13649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13649
Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5

<210> 13650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13650
Leu Ser Phe Trp Thr Thr Pro Pro Leu
1 5

<210> 13651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13651
Cys Ser Met Leu Thr Gly Pro Pro Ala
1 5

<210> 13652
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13652
Arg Ser Ser Ile Met Lys Pro Lys Arg
1 5

<210> 13653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13653
Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5

<210> 13654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13654
Lys Ala Glu Ser Lys Ile Met Phe Ala
1 5

<210> 13655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13655
Val Pro Phe Asp Leu His Phe Cys Arg
1 5

<210> 13656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13656
Gly Pro Pro Ala Arg Val Pro Ala Val
1 5

<210> 13657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13657
Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5

<210> 13658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13658
Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5

<210> 13659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13659
Asp Leu His Phe Cys Arg Ser Ser Ile
1 5

<210> 13660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13660
Leu His Phe Cys Arg Ser Ser Ile Met
1 5

<210> 13661
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13661
Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5

<210> 13662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13662
Leu Gln His Gly His Arg His Gly Leu
1 5

<210> 13663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13663
Arg His Gly Leu Glu Pro Cys Ser Met
1 5

<210> 13664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13664
Pro Ala Arg Val Pro Ala Val Pro Phe
1 5

<210> 13665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13665
Pro Ala Val Pro Phe Asp Leu His Phe
1 5

<210> 13666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13666
Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5

<210> 13667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13667
Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5

<210> 13668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13668
Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5

<210> 13669
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13669
Ala Glu Ser Lys Ile Met Phe Ala Thr
1 5

<210> 13670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13670
His Pro Pro Ser Ser Leu Ser Phe Trp
1 5

<210> 13671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13671
Ser Leu Ser Phe Trp Thr Thr Pro Pro Leu
1 5 10

<210> 13672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13672
Ser Met Leu Thr Gly Pro Pro Ala Arg Val
1 5 10

<210> 13673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13673
Tyr Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5 10

<210> 13674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13674
Thr Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5 10

<210> 13675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13675
Cys Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5 10

<210> 13676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13676
Met His Pro Pro Ser Ser Leu Ser Phe Trp
1 5 10

<210> 13677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13677

Leu His Phe Cys Arg Ser Ser Ile Met Lys
1 5 10

<210> 13678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13678
Phe Cys Arg Ser Ser Ile Met Lys Pro Lys
1 5 10

<210> 13679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13679
Ile Met Lys Pro Lys Arg Asp Gly Tyr Met
1 5 10

<210> 13680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13680
Gly Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5 10

<210> 13681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13681
Ser Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5 10

<210> 13682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13682
Thr Thr Pro Pro Leu Gln His Gly His Arg
1 5 10

<210> 13683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13683
Ala Val Pro Phe Asp Leu His Phe Cys Arg
1 5 10

<210> 13684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13684
Lys Pro Lys Arg Asp Gly Tyr Met Phe Leu
1 5 10

<210> 13685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13685
Asp Leu His Phe Cys Arg Ser Ser Ile Met
1 5 10

<210> 13686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13686
Met Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5 10

<210> 13687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13687
Phe Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5 10

<210> 13688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13688
His Arg His Gly Leu Glu Pro Cys Ser Met
1 5 10

<210> 13689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13689
Ala Arg Val Pro Ala Val Pro Phe Asp Leu
1 5 10

<210> 13690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13690
Val Pro Ala Val Pro Phe Asp Leu His Phe
1 5 10

<210> 13691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13691
Phe Asp Leu His Phe Cys Arg Ser Ser Ile
1 5 10

<210> 13692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13692
Met Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5 10

<210> 13693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13693
Met Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5 10

<210> 13694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13694
Ala Glu Ser Lys Ile Met Phe Ala Thr Leu

1 5 10

<210> 13695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13695
Ile Met Phe Ala Thr Leu Gln Arg Ser Ser
1 5 10

<210> 13696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13696
Phe Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5 10

<210> 13697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13697
Leu Gln Arg Ser Ser Leu Trp Cys Leu Cys
1 5 10

<210> 13698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13698
Pro Pro Ala Arg Val Pro Ala Val Pro Phe
1 5 10

<210> 13699

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13699
Met Leu Thr Gly Pro Pro Ala Arg Val
1 5

<210> 13700
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13700
Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5

<210> 13701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13701
Ile Met Phe Ala Thr Leu Gln Arg Ser
1 5

<210> 13702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13702
Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5

<210> 13703
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13703
Lys Ile Met Phe Ala Thr Leu Gln Arg
1 5

<210> 13704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13704
Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5

<210> 13705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13705
His Phe Cys Arg Ser Ser Ile Met Lys
1 5

<210> 13706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13706
Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5

<210> 13707
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13707
Cys Ser Met Leu Thr Gly Pro Pro Ala
1 5

<210> 13708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13708
Arg Ser Ser Ile Met Lys Pro Lys Arg
1 5

<210> 13709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13709
Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5

<210> 13710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13710
Lys Ala Glu Ser Lys Ile Met Phe Ala
1 5

<210> 13711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13711
Val Pro Phe Asp Leu His Phe Cys Arg
1 5

<210> 13712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13712
Gly Pro Pro Ala Arg Val Pro Ala Val
1 5

<210> 13713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13713
Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5

<210> 13714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13714
Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5

<210> 13715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13715
Asp Leu His Phe Cys Arg Ser Ser Ile
1 5

<210> 13716
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13716
Leu His Phe Cys Arg Ser Ser Ile Met
1 5

<210> 13717
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13717
Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5

<210> 13718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13718
Leu Ser Phe Gly Pro His Pro Pro Leu
1 5

<210> 13719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13719
Leu Gln His Gly His Arg His Gly Leu
1 5

<210> 13720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13720
Arg His Gly Leu Glu Pro Cys Ser Met
1 5

<210> 13721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13721
Pro Ala Arg Val Pro Ala Val Pro Phe
1 5

<210> 13722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13722
Pro Ala Val Pro Phe Asp Leu His Phe
1 5

<210> 13723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13723
Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5

<210> 13724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13724
Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5

<210> 13725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13725
Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5

<210> 13726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13726
Ala Glu Ser Lys Ile Met Phe Ala Thr
1 5

<210> 13727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13727
Ser Leu Ser Phe Gly Pro His Pro Pro Leu
1 5 10

<210> 13728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13728
Ser Met Leu Thr Gly Pro Pro Ala Arg Val
1 5 10

<210> 13729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13729
Tyr Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5 10

<210> 13730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13730
Thr Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5 10

<210> 13731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13731
Cys Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5 10

<210> 13732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13732
Leu His Phe Cys Arg Ser Ser Ile Met Lys
1 5 10

<210> 13733
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13733
Phe Cys Arg Ser Ser Ile Met Lys Pro Lys
1 5 10

<210> 13734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13734
Ile Met Lys Pro Lys Arg Asp Gly Tyr Met
1 5 10

<210> 13735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13735
Gly Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5 10

<210> 13736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13736
Ser Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5 10

<210> 13737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13737
Ala Val Pro Phe Asp Leu His Phe Cys Arg
1 5 10

<210> 13738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13738
Lys Pro Lys Arg Asp Gly Tyr Met Phe Leu
1 5 10

<210> 13739
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13739
Asp Leu His Phe Cys Arg Ser Ser Ile Met
1 5 10

<210> 13740
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13740
Met Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5 10

<210> 13741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13741

Phe Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5 10

<210> 13742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13742
His Arg His Gly Leu Glu Pro Cys Ser Met
1 5 10

<210> 13743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13743
Ala Arg Val Pro Ala Val Pro Phe Asp Leu
1 5 10

<210> 13744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13744
Val Pro Ala Val Pro Phe Asp Leu His Phe
1 5 10

<210> 13745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13745
Phe Asp Leu His Phe Cys Arg Ser Ser Ile
1 5 10

<210> 13746
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13746
Met Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5 10

<210> 13747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13747
Met Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5 10

<210> 13748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13748
Ala Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5 10

<210> 13749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13749
Ile Met Phe Ala Thr Leu Gln Arg Ser Ser
1 5 10

<210> 13750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13750
Phe Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5 10

<210> 13751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13751
Leu Gln Arg Ser Ser Leu Trp Cys Leu Cys
1 5 10

<210> 13752
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13752
Pro Pro Ala Arg Val Pro Ala Val Pro Phe
1 5 10

<210> 13753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13753
Met Leu Thr Gly Pro Pro Ala Arg Val
1 5

<210> 13754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13754
Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5

<210> 13755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13755
Ile Met Phe Ala Thr Leu Gln Arg Ser
1 5

<210> 13756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13756
Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5

<210> 13757
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13757
Lys Ile Met Phe Ala Thr Leu Gln Arg
1 5

<210> 13758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13758
Ser Met Leu Thr Gly Pro Pro Ala Arg

1 5

<210> 13759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13759
His Phe Cys Arg Ser Ser Ile Met Lys
1 5

<210> 13760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13760
Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5

<210> 13761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13761
Cys Ser Met Leu Thr Gly Pro Pro Ala
1 5

<210> 13762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13762
Arg Ser Ser Ile Met Lys Pro Lys Arg
1 5

<210> 13763

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13763
Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5

<210> 13764
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13764
Lys Ala Glu Ser Lys Ile Met Phe Ala
1 5

<210> 13765
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13765
Val Pro Phe Asp Leu His Phe Cys Arg
1 5

<210> 13766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13766
Leu Ser Phe Gly Pro His His Pro Leu
1 5

<210> 13767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13767
Gly Pro Pro Ala Arg Val Pro Ala Val
1 5

<210> 13768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13768
Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5

<210> 13769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13769
Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5

<210> 13770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13770
Asp Leu His Phe Cys Arg Ser Ser Ile
1 5

<210> 13771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13771
Leu His Phe Cys Arg Ser Ser Ile Met
1 5

<210> 13772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13772
Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5

<210> 13773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13773
Leu Gln His Gly His Arg His Gly Leu
1 5

<210> 13774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13774
Arg His Gly Leu Glu Pro Cys Ser Met
1 5

<210> 13775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13775
Pro Ala Arg Val Pro Ala Val Pro Phe
1 5

<210> 13776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13776
Pro Ala Val Pro Phe Asp Leu His Phe
1 5

<210> 13777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13777
Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5

<210> 13778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13778
Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5

<210> 13779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13779
Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5

<210> 13780
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13780
His Pro Leu Gln His Gly His Arg His
1 5

<210> 13781
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13781
Ala Glu Ser Lys Ile Met Phe Ala Thr
1 5

<210> 13782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13782
Ser Leu Ser Phe Gly Pro His His Pro Leu
1 5 10

<210> 13783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13783
Ser Met Leu Thr Gly Pro Pro Ala Arg Val
1 5 10

<210> 13784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13784
Tyr Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5 10

<210> 13785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13785
Thr Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5 10

<210> 13786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13786
Cys Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5 10

<210> 13787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13787
Leu His Phe Cys Arg Ser Ser Ile Met Lys
1 5 10

<210> 13788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13788
Phe Cys Arg Ser Ser Ile Met Lys Pro Lys
1 5 10

<210> 13789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13789
Ile Met Lys Pro Lys Arg Asp Gly Tyr Met
1 5 10

<210> 13790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13790
Gly Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5 10

<210> 13791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13791
Ser Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5 10

<210> 13792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13792
Ala Val Pro Phe Asp Leu His Phe Cys Arg
1 5 10

<210> 13793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13793
Lys Pro Lys Arg Asp Gly Tyr Met Phe Leu
1 5 10

<210> 13794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13794
Asp Leu His Phe Cys Arg Ser Ser Ile Met
1 5 10

<210> 13795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13795
Met Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5 10

<210> 13796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13796
Phe Leu Lys Ala Glu Ser Lys Ile Met Phe
1 5 10

<210> 13797
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13797
His Arg His Gly Leu Glu Pro Cys Ser Met
1 5 10

<210> 13798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13798
Ala Arg Val Pro Ala Val Pro Phe Asp Leu
1 5 10

<210> 13799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13799
Val Pro Ala Val Pro Phe Asp Leu His Phe
1 5 10

<210> 13800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13800
Phe Asp Leu His Phe Cys Arg Ser Ser Ile
1 5 10

<210> 13801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13801
Met Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5 10

<210> 13802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13802
Met Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5 10

<210> 13803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13803
Ala Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5 10

<210> 13804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13804
Ile Met Phe Ala Thr Leu Gln Arg Ser Ser
1 5 10

<210> 13805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13805

Phe Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5 10

<210> 13806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13806
Leu Gln Arg Ser Ser Leu Trp Cys Leu Cys
1 5 10

<210> 13807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13807
Pro Pro Ala Arg Val Pro Ala Val Pro Phe
1 5 10

<210> 13808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13808
His Pro Ser Ser Met Val Thr Ala Ile
1 5

<210> 13809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13809
Cys Leu Gln Cys Leu Trp Ala Leu Leu
1 5

<210> 13810
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13810
Gln Trp Gly Pro Cys Leu Gln Cys Leu
1 5

<210> 13811
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13811
Thr Thr Thr Thr Thr Leu Trp Arg Leu
1 5

<210> 13812
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13812
Trp Ala Leu Leu Gln Ala Ser Gln Tyr
1 5

<210> 13813
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13813
Glu Glu Cys Gln Trp Gly Pro Cys Leu
1 5

<210> 13814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13814
Gln Trp Gly Pro Cys Leu Gln Cys Leu Trp
1 5 10

<210> 13815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13815
Leu Trp Ala Leu Leu Gln Ala Ser Gln Tyr
1 5 10

<210> 13816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13816
Gln Thr Thr Thr Thr Thr Leu Trp Arg Leu
1 5 10

<210> 13817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13817
Cys Gln Trp Gly Pro Cys Leu Gln Cys Leu
1 5 10

<210> 13818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13818
Leu Gln Cys Leu Trp Ala Leu Leu Gln Ala
1 5 10

<210> 13819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13819
Phe Val Pro Gly Gly Ala Gln Tyr Leu
1 5

<210> 13820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13820
Ala Gln Tyr Leu Leu Arg Ser Lys Lys
1 5

<210> 13821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13821
Gly Ala Gln Tyr Leu Leu Arg Ser Lys
1 5

<210> 13822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13822
Phe Phe Val Pro Gly Gly Ala Gln Tyr

1 5

<210> 13823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13823
Val Pro Gly Gly Ala Gln Tyr Leu Leu
1 5

<210> 13824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13824
Phe Val Pro Gly Gly Ala Gln Tyr Leu Leu
1 5 10

<210> 13825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13825
Gly Ala Gln Tyr Leu Leu Arg Ser Lys Lys
1 5 10

<210> 13826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13826
Phe Phe Val Pro Gly Gly Ala Gln Tyr Leu
1 5 10

<210> 13827

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13827
Thr Phe Phe Val Pro Gly Gly Ala Gln Tyr
1 5 10

<210> 13828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13828
Met Leu Gly Gly Met Gly Phe Leu Thr
1 5

<210> 13829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13829
Arg Asp Met Leu Gly Gly Met Gly Phe
1 5

<210> 13830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13830
Gly Gly Met Gly Phe Leu Thr Ser Ile
1 5

<210> 13831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13831
Arg Gln Ala Arg Asp Met Leu Gly Gly Met
1 5 10

<210> 13832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13832
Arg Asp Met Leu Gly Gly Met Gly Phe Leu
1 5 10

<210> 13833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13833
Arg Leu Met Pro Cys Ile Leu Leu Ala
1 5

<210> 13834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13834
Met Pro Cys Ile Leu Leu Ala Asn Arg
1 5

<210> 13835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13835
Gln Glu Arg Leu Met Pro Cys Ile Leu
1 5

<210> 13836
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13836
Leu Met Pro Cys Ile Leu Leu Ala Asn Arg
1 5 10

<210> 13837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13837
Cys Gln Glu Arg Leu Met Pro Cys Ile Leu
1 5 10

<210> 13838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13838
Gln Glu Arg Leu Met Pro Cys Ile Leu Leu
1 5 10

<210> 13839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13839
Ile Leu Ile Ser Ala Val Leu Pro Ala
1 5

<210> 13840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13840
Leu Ile Ser Ala Val Leu Pro Ala Ala
1 5

<210> 13841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13841
Ala Val Leu Pro Ala Ala Phe Arg Val
1 5

<210> 13842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13842
Val Leu Pro Ala Ala Phe Arg Val Ala
1 5

<210> 13843
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13843
Ser Ala Val Leu Pro Ala Ala Phe Arg
1 5

<210> 13844
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13844
Leu Pro Ala Ala Phe Arg Val Ala Lys
1 5

<210> 13845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13845
Ile Ser Ala Val Leu Pro Ala Ala Phe
1 5

<210> 13846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13846
Ile Leu Ile Ser Ala Val Leu Pro Ala Ala
1 5 10

<210> 13847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13847
Val Leu Pro Ala Ala Phe Arg Val Ala Lys
1 5 10

<210> 13848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13848
Ile Ser Ala Val Leu Pro Ala Ala Phe Arg
1 5 10

<210> 13849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13849
Ala Val Leu Pro Ala Ala Phe Arg Val Ala
1 5 10

<210> 13850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13850
Ser Ala Val Leu Pro Ala Ala Phe Arg Val
1 5 10

<210> 13851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13851
Leu Ile Ser Ala Val Leu Pro Ala Ala Phe
1 5 10

<210> 13852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13852
Arg Ile Cys Pro Gln Leu Leu Pro Ala
1 5

<210> 13853
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13853
Ala Ser Arg Arg Gln Gly Thr Pro Lys
1 5

<210> 13854
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13854
Gln Ala Arg Thr Pro Ser Pro Asn Lys
1 5

<210> 13855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13855
Arg Thr Ala Ser Arg Arg Gln Gly Thr
1 5

<210> 13856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13856
Lys Ser Arg Ile Cys Pro Gln Leu Leu
1 5

<210> 13857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13857
His Thr Pro Arg Val His Ala Leu Ala
1 5

<210> 13858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13858
Ser Pro Thr Pro His His Thr Pro Arg
1 5

<210> 13859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13859
His Ala Leu Ala Val Gln Asp Ala Val
1 5

<210> 13860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13860
Ala Pro Thr Arg Ala Gln Gly Ala Val
1 5

<210> 13861
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13861
Thr Pro Arg Val His Ala Leu Ala Val
1 5

<210> 13862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13862
Arg Gln Gly Thr Pro Lys Ser Arg Ile
1 5

<210> 13863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13863
Arg Ala Gln Gly Ala Val Ser Pro Thr
1 5

<210> 13864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13864
Ala Gln Gly Ala Val Ser Pro Thr Pro
1 5

<210> 13865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13865
His His Thr Pro Arg Val His Ala Leu
1 5

<210> 13866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13866
Thr Pro Ser Pro Asn Lys Ala Gly Tyr
1 5

<210> 13867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13867
Ala Glu Glu Gly Gln Gly Ala Arg Ala
1 5

<210> 13868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13868
Leu Leu Pro Ala Glu Glu Gly Gln Gly Ala
1 5 10

<210> 13869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13869

Thr Gln Ala Arg Thr Pro Ser Pro Asn Lys
1 5 10

<210> 13870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13870
Thr Ala Ser Arg Arg Gln Gly Thr Pro Lys
1 5 10

<210> 13871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13871
Gln Ala Arg Thr Pro Ser Pro Asn Lys Ala
1 5 10

<210> 13872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13872
Ala Gly Tyr Ser Pro Asp Cys Asp Pro Lys
1 5 10

<210> 13873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13873
Ala Ser Arg Arg Gln Gly Thr Pro Lys Ser
1 5 10

<210> 13874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13874
Lys Ser Arg Ile Cys Pro Gln Leu Leu Pro
1 5 10

<210> 13875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13875
Arg Val His Ala Leu Ala Val Gln Asp Ala
1 5 10

<210> 13876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13876
Arg Thr Pro Ser Pro Asn Lys Ala Gly Tyr
1 5 10

<210> 13877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13877
His Ala Leu Ala Val Gln Asp Ala Val Arg
1 5 10

<210> 13878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13878
His Thr Pro Arg Val His Ala Leu Ala Val
1 5 10

<210> 13879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13879
Thr Pro Lys Ser Arg Ile Cys Pro Gln Leu
1 5 10

<210> 13880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13880
Ser Pro Thr Pro His His Thr Pro Arg Val
1 5 10

<210> 13881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13881
Ser Arg Ile Cys Pro Gln Leu Leu Pro Ala
1 5 10

<210> 13882
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13882
Ala Gln Gly Ala Val Ser Pro Thr Pro His
1 5 10

<210> 13883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13883
Gly Pro Arg Gly Gly Gly Gln Pro His
1 5

<210> 13884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13884
Glu Pro Arg Arg Ala Gly Gly Ser Val
1 5

<210> 13885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13885
Gln Pro Pro Cys Gly Leu Gln Pro Leu
1 5

<210> 13886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13886
His Gln Asp Pro His Arg Ala Glu Trp

1 5

<210> 13887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13887
Ala Glu Trp Ala Leu Ala Glu Asp Met
1 5

<210> 13888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13888
Trp Ala Leu Ala Glu Asp Met Ser Val
1 5

<210> 13889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13889
Ala Glu Asp Met Ser Val Pro Pro Val
1 5

<210> 13890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13890
Arg Ala Gly Gly Ser Val Ser Glu Leu
1 5

<210> 13891

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13891
Trp Glu Arg Ala Pro Gln Pro Pro Cys
1 5

<210> 13892
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13892
Leu Gln Pro Leu Val Ser Arg Ser Leu
1 5

<210> 13893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13893
Ser Glu Leu Gly Val Leu Trp Glu Arg
1 5

<210> 13894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13894
Asp Pro His Arg Ala Glu Trp Ala Leu
1 5

<210> 13895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13895
Ala Leu Ala Glu Asp Met Ser Val Pro Pro
1 5 10

<210> 13896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13896
Gly Leu Gln Pro Leu Val Ser Arg Ser Leu
1 5 10

<210> 13897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13897
Arg Ala Glu Trp Ala Leu Ala Glu Asp Met
1 5 10

<210> 13898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13898
Arg Arg Ala Gly Gly Ser Val Ser Glu Leu
1 5 10

<210> 13899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13899
Ala Glu Trp Ala Leu Ala Glu Asp Met Ser
1 5 10

<210> 13900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13900
Ser Glu Leu Gly Val Leu Trp Glu Arg Ala
1 5 10

<210> 13901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13901
Gln Pro Pro Cys Gly Leu Gln Pro Leu Val
1 5 10

<210> 13902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13902
Arg Leu Phe Trp Gly Lys Ile Val Ala
1 5

<210> 13903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13903
Ser Met Pro Arg Lys Ala Arg Leu Phe
1 5

<210> 13904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13904
Arg Lys Ala Arg Leu Phe Trp Gly Lys
1 5

<210> 13905
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13905
Lys Ala Arg Leu Phe Trp Gly Lys Ile
1 5

<210> 13906
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13906
Leu Phe Trp Gly Lys Ile Val Ala Lys
1 5

<210> 13907
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13907
Met Pro Arg Lys Ala Arg Leu Phe Trp
1 5

<210> 13908
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13908
Glu Ser Met Pro Arg Lys Ala Arg Leu
1 5

<210> 13909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13909
Arg Leu Phe Trp Gly Lys Ile Val Ala Lys
1 5 10

<210> 13910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13910
Ser Met Pro Arg Lys Ala Arg Leu Phe Trp
1 5 10

<210> 13911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13911
Lys Ala Arg Leu Phe Trp Gly Lys Ile Val
1 5 10

<210> 13912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13912
Met Pro Arg Lys Ala Arg Leu Phe Trp Gly
1 5 10

<210> 13913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13913
Lys Glu Ser Met Pro Arg Lys Ala Arg Leu
1 5 10

<210> 13914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13914
Arg Lys Ala Arg Leu Phe Trp Gly Lys Ile
1 5 10

<210> 13915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13915
His Lys Gln Asn Ser Lys Leu Asn Leu
1 5

<210> 13916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13916
Ser Lys Leu Asn Leu Gly Ile Ser Pro
1 5

<210> 13917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13917
Leu Gly Ile Ser Pro Asp Pro Thr Leu
1 5

<210> 13918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13918
Lys Gln Asn Ser Lys Leu Asn Leu Gly Ile
1 5 10

<210> 13919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13919
Phe His Lys Gln Asn Ser Lys Leu Asn Leu
1 5 10

<210> 13920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13920
Arg Leu Pro Arg Leu Ala Glu Glu Ala
1 5

<210> 13921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13921
Ala Leu Gly Arg Gly Arg Ala Pro Arg
1 5

<210> 13922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13922
Arg Gly Arg Ala Pro Arg Leu Pro Arg
1 5

<210> 13923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13923
Ala Pro Arg Leu Pro Arg Leu Ala Glu
1 5

<210> 13924
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13924
Ala Ala Leu Gly Arg Gly Arg Ala Pro Arg
1 5 10

<210> 13925
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13925
Arg Gly Arg Ala Pro Arg Leu Pro Arg Leu
1 5 10

<210> 13926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13926
Lys Ile Phe Lys His Met Leu His Arg
1 5

<210> 13927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13927
Ile Phe Lys His Met Leu His Arg Lys
1 5

<210> 13928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13928
Ser Leu Cys Lys Ile Phe Lys His Met
1 5

<210> 13929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13929
Ser Leu Cys Lys Ile Phe Lys His Met Leu
1 5 10

<210> 13930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13930
Lys Ile Phe Lys His Met Leu His Arg Lys
1 5 10

<210> 13931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13931
Lys His Met Leu His Arg Lys Ser Cys Phe
1 5 10

<210> 13932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13932
His Val Pro Trp Leu Leu Ala His Lys
1 5

<210> 13933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13933

Thr His Val Pro Trp Leu Leu Ala His
1 5

<210> 13934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13934
Val Pro Trp Leu Leu Ala His Lys Ile
1 5

<210> 13935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13935
Gly Pro Thr His Val Pro Trp Leu Leu
1 5

<210> 13936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13936
Asn Thr Asp Pro Asn Gly Pro Thr His Val
1 5 10

<210> 13937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13937
His Val Pro Trp Leu Leu Ala His Lys Ile
1 5 10

<210> 13938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13938
Asp Pro Asn Gly Pro Thr His Val Pro Trp
1 5 10

<210> 13939
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13939
Glu Ser Glu Asn Trp His Ile Phe Arg
1 5

<210> 13940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13940
Ser Glu Ser Glu Asn Trp His Ile Phe
1 5

<210> 13941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13941
Arg Ser Glu Ser Glu Asn Trp His Ile Phe
1 5 10

<210> 13942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13942
Asn Val Ser Phe Ile Leu Pro Asn Leu
1 5

<210> 13943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13943
Ile Gly Phe Gly Arg Cys Phe Gln Lys
1 5

<210> 13944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13944
Ile Phe Lys Asp Val Leu Ile Gly Phe
1 5

<210> 13945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13945
Cys Phe Gln Lys Tyr Gly Ile Gly Phe
1 5

<210> 13946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 13946
Ile Gly Phe Cys Arg Asn Val Ser Phe
1 5

<210> 13947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13947
Gly Phe Gly Arg Cys Phe Gln Lys Tyr
1 5

<210> 13948
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13948
Val Leu Ile Gly Phe Gly Arg Cys Phe
1 5

<210> 13949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13949
Val Ser Phe Ile Leu Pro Asn Leu Leu
1 5

<210> 13950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13950
Leu Ile Gly Phe Gly Arg Cys Phe Gln Lys

1 5 10

<210> 13951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13951
Lys Tyr Gly Ile Gly Phe Cys Arg Asn Val
1 5 10

<210> 13952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13952
Ile Gly Phe Gly Arg Cys Phe Gln Lys Tyr
1 5 10

<210> 13953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13953
Phe Gln Lys Tyr Gly Ile Gly Phe Cys Arg
1 5 10

<210> 13954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13954
Asn Val Ser Phe Ile Leu Pro Asn Leu Leu
1 5 10

<210> 13955

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13955
Asn Ile Phe Lys Asp Val Leu Ile Gly Phe
1 5 10

<210> 13956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13956
Ala Glu Arg Asn Ile Phe Lys Asp Val Leu
1 5 10

<210> 13957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13957
Arg Cys Phe Gln Lys Tyr Gly Ile Gly Phe
1 5 10

<210> 13958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13958
Gly Ile Gly Phe Cys Arg Asn Val Ser Phe
1 5 10

<210> 13959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13959
Ile Gly Phe Cys Arg Asn Val Ser Phe Ile
1 5 10

<210> 13960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13960
Arg Asn Val Ser Phe Ile Leu Pro Asn Leu
1 5 10

<210> 13961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13961
Lys Thr Ser Val Ala Lys Leu Glu Ala
1 5

<210> 13962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13962
Phe Thr Glu Glu Asp Lys Thr Ser Val
1 5

<210> 13963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13963
Ser Val Ala Lys Leu Glu Ala Ile Phe
1 5

<210> 13964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13964
Lys Thr Ser Val Ala Lys Leu Glu Ala Ile
1 5 10

<210> 13965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13965
Thr Ser Val Ala Lys Leu Glu Ala Ile Phe
1 5 10

<210> 13966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13966
Glu Glu Asp Lys Thr Ser Val Ala Lys Leu
1 5 10

<210> 13967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13967
Arg Leu Met Thr Cys Trp Lys Ala Thr
1 5

<210> 13968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13968
Arg Ala Pro Arg Ser Leu His Ala Val
1 5

<210> 13969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13969
Ser Leu Arg Arg Arg His Leu Gly Arg
1 5

<210> 13970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13970
Thr Cys Trp Lys Ala Thr Trp Ala Phe
1 5

<210> 13971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13971
Thr Trp Ala Phe Gly Thr Pro Ser Trp
1 5

<210> 13972
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13972
Arg Leu Arg Ser Gly Gly Leu Pro Gln
1 5

<210> 13973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13973
Gln Trp Arg Lys Arg Pro Val Ser Leu
1 5

<210> 13974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13974
Arg Lys Arg Pro Val Ser Leu Arg Arg
1 5

<210> 13975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13975
Arg Arg Arg His Leu Gly Arg Leu Met
1 5

<210> 13976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13976
Leu Gly Arg Leu Met Thr Cys Trp Lys
1 5

<210> 13977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13977
Cys Trp Lys Ala Thr Trp Ala Phe Gly
1 5

<210> 13978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13978
Ser Trp Arg Pro Pro Trp Trp Arg Arg
1 5

<210> 13979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13979
Arg Pro Arg Arg Gln Arg Ala Pro Arg
1 5

<210> 13980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13980
Arg Gln Arg Ala Pro Arg Ser Leu His
1 5

<210> 13981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13981
Trp Ala Phe Gly Thr Pro Ser Trp Arg
1 5

<210> 13982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13982
Arg Pro Pro Trp Trp Arg Arg Pro Arg
1 5

<210> 13983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13983
Met Thr Cys Trp Lys Ala Thr Trp Ala
1 5

<210> 13984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13984
Leu Pro Gln Trp Arg Lys Arg Pro Val
1 5

<210> 13985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13985
Thr Leu Arg Leu Arg Ser Gly Gly Leu
1 5

<210> 13986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13986
Leu Arg Ser Gly Gly Leu Pro Gln Trp
1 5

<210> 13987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13987
Leu Met Thr Cys Trp Lys Ala Thr Trp
1 5

<210> 13988
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13988
Arg Arg Gln Arg Ala Pro Arg Ser Leu
1 5

<210> 13989
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13989
Thr Pro Ser Trp Arg Pro Pro Trp Trp
1 5

<210> 13990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13990
Leu Met Thr Cys Trp Lys Ala Thr Trp Ala
1 5 10

<210> 13991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13991
Gly Leu Pro Gln Trp Arg Lys Arg Pro Val
1 5 10

<210> 13992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 13992
Ser Leu Arg Arg Arg His Leu Gly Arg Leu
1 5 10

<210> 13993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13993
His Leu Gly Arg Leu Met Thr Cys Trp Lys
1 5 10

<210> 13994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13994
Arg Ser Gly Gly Leu Pro Gln Trp Arg Lys
1 5 10

<210> 13995
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13995
Val Ser Leu Arg Arg Arg His Leu Gly Arg
1 5 10

<210> 13996
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13996
Arg Leu Met Thr Cys Trp Lys Ala Thr Trp
1 5 10

<210> 13997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13997

Met Thr Cys Trp Lys Ala Thr Trp Ala Phe
1 5 10

<210> 13998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13998
Arg Leu Arg Ser Gly Gly Leu Pro Gln Trp
1 5 10

<210> 13999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 13999
Gln Trp Arg Lys Arg Pro Val Ser Leu Arg
1 5 10

<210> 14000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14000
Arg Lys Arg Pro Val Ser Leu Arg Arg Arg
1 5 10

<210> 14001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14001
Ser Trp Arg Pro Pro Trp Trp Arg Arg Pro
1 5 10

<210> 14002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14002
Trp Trp Arg Arg Pro Arg Arg Gln Arg Ala
1 5 10

<210> 14003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14003
Arg Gln Arg Ala Pro Arg Ser Leu His Ala
1 5 10

<210> 14004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14004
Thr Trp Ala Phe Gly Thr Pro Ser Trp Arg
1 5 10

<210> 14005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14005
Thr Pro Ser Trp Arg Pro Pro Trp Trp Arg
1 5 10

<210> 14006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14006
Arg Pro Pro Trp Trp Arg Arg Pro Arg Arg
1 5 10

<210> 14007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14007
Glu Thr Leu Arg Leu Arg Ser Gly Gly Leu
1 5 10

<210> 14008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14008
Leu Pro Gln Trp Arg Lys Arg Pro Val Ser
1 5 10

<210> 14009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14009
Arg Pro Val Ser Leu Arg Arg Arg His Leu
1 5 10

<210> 14010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14010
Arg Pro Arg Arg Gln Arg Ala Pro Arg Ser
1 5 10

<210> 14011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14011
Pro Gln Trp Arg Lys Arg Pro Val Ser Leu
1 5 10

<210> 14012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14012
Leu Arg Arg Arg His Leu Gly Arg Leu Met
1 5 10

<210> 14013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14013
Arg His Leu Gly Arg Leu Met Thr Cys Trp
1 5 10

<210> 14014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14014
Ala Thr Trp Ala Phe Gly Thr Pro Ser Trp

1 5 10

<210> 14015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14015
Phe Gly Thr Pro Ser Trp Arg Pro Pro Trp
1 5 10

<210> 14016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14016
Cys Leu Asp Asp Asp Ser Val Thr Ala
1 5

<210> 14017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14017
Leu Pro Cys Leu Asp Asp Asp Ser Val
1 5

<210> 14018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14018
Arg Leu Pro Cys Leu Asp Asp Asp Ser Val
1 5 10

<210> 14019

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14019
Leu Ala Phe Val His Arg Leu Pro Cys Leu
1 5 10

<210> 14020
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14020
Ser Leu Thr Pro Met His Ser Leu Leu
1 5

<210> 14021
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14021
Leu Ile Ser Pro Met Ile Thr Arg Ile
1 5

<210> 14022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14022
Lys Gln Ala Ser Glu Gln Asn Trp Val
1 5

<210> 14023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14023
Leu Leu Ile Ser Pro Met Ile Thr Arg
1 5

<210> 14024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14024
Ser Pro Met Ile Thr Arg Ile Leu Lys
1 5

<210> 14025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14025
Gln Ala Ser Glu Gln Asn Trp Val Ile
1 5

<210> 14026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14026
Trp Val Ile Thr Val Gln Asn Lys Ile
1 5

<210> 14027
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14027
Arg Glu Ala Pro Ser Leu Thr Pro Met
1 5

<210> 14028
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14028
Ser Glu Gln Asn Trp Val Ile Thr Val
1 5

<210> 14029
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14029
Trp Gly Arg Arg Glu Ala Pro Ser Leu
1 5

<210> 14030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14030
Met His Ser Leu Leu Ile Ser Pro Met
1 5

<210> 14031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14031
Ile Glu Trp Gly Arg Arg Glu Ala Pro
1 5

<210> 14032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14032
Lys Gln Ala Ser Glu Gln Asn Trp Val Ile
1 5 10

<210> 14033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14033
Ser Leu Thr Pro Met His Ser Leu Leu Ile
1 5 10

<210> 14034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14034
Leu Leu Ile Ser Pro Met Ile Thr Arg Ile
1 5 10

<210> 14035
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14035
Leu Ile Ser Pro Met Ile Thr Arg Ile Leu
1 5 10

<210> 14036
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14036
Ser Leu Leu Ile Ser Pro Met Ile Thr Arg
1 5 10

<210> 14037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14037
Ile Ser Pro Met Ile Thr Arg Ile Leu Lys
1 5 10

<210> 14038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14038
Asn Trp Val Ile Thr Val Gln Asn Lys Ile
1 5 10

<210> 14039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14039
Thr Val Gln Asn Lys Ile Glu Trp Gly Arg
1 5 10

<210> 14040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14040
Ala Pro Ser Leu Thr Pro Met His Ser Leu
1 5 10

<210> 14041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14041
Arg Arg Glu Ala Pro Ser Leu Thr Pro Met
1 5 10

<210> 14042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14042
Arg Glu Ala Pro Ser Leu Thr Pro Met His
1 5 10

<210> 14043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14043
Pro Met His Ser Leu Leu Ile Ser Pro Met
1 5 10

<210> 14044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14044
Met His Ser Leu Leu Ile Ser Pro Met Ile
1 5 10

<210> 14045
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14045
Ile Glu Trp Gly Arg Arg Glu Ala Pro Ser
1 5 10

<210> 14046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14046
Asn Met Pro His Leu Val Gln Cys Ala
1 5

<210> 14047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14047
His Leu Val Gln Cys Ala Asn Val Ala
1 5

<210> 14048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14048
Met Pro His Leu Val Gln Cys Ala Asn
1 5

<210> 14049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14049
Leu Trp His Gly Phe Asn Met Pro His Leu
1 5 10

<210> 14050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14050
Met Pro His Leu Val Gln Cys Ala Asn Val
1 5 10

<210> 14051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14051
Val Leu Ser Ser Ile Trp Leu Ser Val
1 5

<210> 14052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14052
Ser Ile Trp Leu Ser Val Val Phe Ile
1 5

<210> 14053
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14053
Leu Ser Ser Ile Trp Leu Ser Val Val
1 5

<210> 14054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14054
Lys Tyr Ser Thr Val Leu Ser Ser Ile
1 5

<210> 14055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14055
Ser Ser Ile Trp Leu Ser Val Val Phe
1 5

<210> 14056
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14056
Ser Thr Val Leu Ser Ser Ile Trp Leu
1 5

<210> 14057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14057
Asn Lys Tyr Ser Thr Val Leu Ser Ser
1 5

<210> 14058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14058
Tyr Ser Thr Val Leu Ser Ser Ile Trp
1 5

<210> 14059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14059
Thr Val Leu Ser Ser Ile Trp Leu Ser Val
1 5 10

<210> 14060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14060
Val Leu Ser Ser Ile Trp Leu Ser Val Val
1 5 10

<210> 14061
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14061

Lys Tyr Ser Thr Val Leu Ser Ser Ile Trp
1 5 10

<210> 14062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14062
Ser Ile Trp Leu Ser Val Val Phe Ile Phe
1 5 10

<210> 14063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14063
Ser Ser Ile Trp Leu Ser Val Val Phe Ile
1 5 10

<210> 14064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14064
Leu Ser Ser Ile Trp Leu Ser Val Val Phe
1 5 10

<210> 14065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14065
Asn Lys Tyr Ser Thr Val Leu Ser Ser Ile
1 5 10

<210> 14066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14066
Tyr Ser Thr Val Leu Ser Ser Ile Trp Leu
1 5 10

<210> 14067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14067
Ala Leu Lys Tyr Leu Gly Glu Pro Met
1 5

<210> 14068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14068
Glu Pro Met Lys Ser Glu Lys Pro Ile
1 5

<210> 14069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14069
Met Lys Ser Glu Lys Pro Ile Asn Met
1 5

<210> 14070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14070
Ala Leu Lys Tyr Leu Gly Glu Pro Met Lys
1 5 10

<210> 14071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14071
Asp Ala Leu Lys Tyr Leu Gly Glu Pro Met
1 5 10

<210> 14072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14072
Lys Glu Phe Val Cys His Trp Gly Ala
1 5

<210> 14073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14073
Lys Glu Phe Val Cys His Trp Gly Ala Ala
1 5 10

<210> 14074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14074
Ala Leu Gly His Gly Val Arg Arg Ala
1 5

<210> 14075
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14075
Asp Ala Leu Gly His Gly Val Arg Arg
1 5

<210> 14076
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14076
Arg His Leu Gln Pro His Asp Ala Leu
1 5

<210> 14077
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14077
Arg Arg His Leu Gln Pro His Asp Ala Leu
1 5 10

<210> 14078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14078
Ala Val Ser Cys Phe Arg Ile Thr Arg

1 5

<210> 14079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14079
Ser Ser Leu Ser Ser Cys Asn Pro Arg
1 5

<210> 14080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14080
Ser Leu Ser Ser Cys Asn Pro Arg Arg
1 5

<210> 14081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14081
Ser Cys Asn Pro Arg Arg Trp Pro Arg
1 5

<210> 14082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14082
Arg Trp Pro Arg Pro Arg Arg Ser Ala
1 5

<210> 14083

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14083
Arg Arg Ser Ala Val Ser Cys Phe Arg
1 5

<210> 14084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14084
Arg Ser Ala Val Ser Cys Phe Arg Ile
1 5

<210> 14085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14085
Cys Phe Arg Ile Thr Arg Gly Pro Arg
1 5

<210> 14086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14086
Ile Thr Arg Gly Pro Arg Ala Ala Ser
1 5

<210> 14087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14087
Ser Thr Arg Pro Pro Val Leu Pro Ala
1 5

<210> 14088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14088
Asn Pro Arg Arg Trp Pro Arg Pro Arg
1 5

<210> 14089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14089
Trp Pro Arg Pro Arg Arg Ser Ala Val
1 5

<210> 14090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14090
Arg Pro Arg Arg Ser Ala Val Ser Cys
1 5

<210> 14091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14091
Gly Pro Arg Ala Ala Ser Pro Glu Thr
1 5

<210> 14092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14092
Leu Pro Ala Ser Pro Arg Thr Ser Pro
1 5

<210> 14093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14093
Phe Ser Ser Leu Ser Ser Cys Asn Pro Arg
1 5 10

<210> 14094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14094
Ser Ser Leu Ser Ser Cys Asn Pro Arg Arg
1 5 10

<210> 14095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14095
Ser Ser Cys Asn Pro Arg Arg Trp Pro Arg
1 5 10

<210> 14096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14096
Ser Ala Val Ser Cys Phe Arg Ile Thr Arg
1 5 10

<210> 14097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14097
Arg Trp Pro Arg Pro Arg Arg Ser Ala Val
1 5 10

<210> 14098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14098
Cys Phe Arg Ile Thr Arg Gly Pro Arg Ala
1 5 10

<210> 14099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14099
Ile Thr Arg Gly Pro Arg Ala Ala Ser Pro
1 5 10

<210> 14100
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14100
Arg Ala Ala Ser Pro Glu Thr Ser Thr Arg
1 5 10

<210> 14101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14101
Ser Thr Arg Pro Pro Val Leu Pro Ala Ser
1 5 10

<210> 14102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14102
Cys Asn Pro Arg Arg Trp Pro Arg Pro Arg
1 5 10

<210> 14103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14103
Ser Cys Phe Arg Ile Thr Arg Gly Pro Arg
1 5 10

<210> 14104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14104
Trp Pro Arg Pro Arg Arg Ser Ala Val Ser
1 5 10

<210> 14105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14105
Arg Pro Arg Arg Ser Ala Val Ser Cys Phe
1 5 10

<210> 14106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14106
Ser Pro Glu Thr Ser Thr Arg Pro Pro Val
1 5 10

<210> 14107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14107
Leu Pro Ala Ser Pro Arg Thr Ser Pro Trp
1 5 10

<210> 14108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14108
Arg Arg Trp Pro Arg Pro Arg Arg Ser Ala
1 5 10

<210> 14109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14109
Arg Arg Ser Ala Val Ser Cys Phe Arg Ile
1 5 10

<210> 14110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14110
Phe Arg Ile Thr Arg Gly Pro Arg Ala Ala
1 5 10

<210> 14111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14111
His Val Gln Lys Leu Asp Ile Leu Tyr
1 5

<210> 14112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14112
Ser Ile Leu Asn Phe Met Val Leu Val
1 5

<210> 14113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14113
Ala Leu Lys Met Asn Leu Leu Gln Val
1 5

<210> 14114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14114
Lys Met Asn Leu Leu Gln Val Leu Leu
1 5

<210> 14115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14115
Leu Leu Gln Val Leu Leu Ser Glu Val
1 5

<210> 14116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14116
Lys Met Ala Val Ala Leu Glu Thr Val
1 5

<210> 14117
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14117
Leu Ile Ile Phe Ser Leu Phe Gly Thr
1 5

<210> 14118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14118
Thr Leu Thr Lys Leu Val Val Leu Leu
1 5

<210> 14119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14119
Lys Leu Val Val Leu Leu Leu His Val
1 5

<210> 14120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14120
Val Leu Leu Leu His Val Gln Lys Leu
1 5

<210> 14121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14121
Tyr Met Gln Gln Phe Ser Tyr Ala Thr
1 5

<210> 14122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14122
Val Leu Val Lys Ile Cys Gly Ser Ala
1 5

<210> 14123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14123
Cys Leu Arg Ile Ile Phe Ile Tyr Lys
1 5

<210> 14124
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14124
Ile Ile Phe Ile Tyr Lys Met Tyr Lys
1 5

<210> 14125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14125

Lys Met Tyr Lys Trp Ser Ile Leu Asn
1 5

<210> 14126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14126
Ile Leu Asn Phe Met Val Leu Val Lys
1 5

<210> 14127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14127
Ser Leu Phe Gly Thr Thr Leu Thr Lys
1 5

<210> 14128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14128
Val Val Leu Leu Leu His Val Gln Lys
1 5

<210> 14129
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14129
Ile Leu Tyr Met Gln Gln Phe Ser Tyr
1 5

<210> 14130
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14130
Gln Gln Phe Ser Tyr Ala Thr Met Arg
1 5

<210> 14131
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14131
Ile Phe Ile Tyr Lys Met Tyr Lys Trp
1 5

<210> 14132
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14132
Ile Tyr Lys Met Tyr Lys Trp Ser Ile
1 5

<210> 14133
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14133
Met Tyr Lys Trp Ser Ile Leu Asn Phe
1 5

<210> 14134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14134
Lys Trp Ser Ile Leu Asn Phe Met Val
1 5

<210> 14135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14135
Thr Val Leu Ile Ile Phe Ser Leu Phe
1 5

<210> 14136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14136
Ile Phe Ser Leu Phe Gly Thr Thr Leu
1 5

<210> 14137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14137
Leu Tyr Met Gln Gln Phe Ser Tyr Ala
1 5

<210> 14138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14138
Thr Ala Arg Ala Trp Gly Lys Asn Val
1 5

<210> 14139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14139
Met Gln Arg Arg Lys Cys Thr Ile Leu
1 5

<210> 14140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14140
Gln Arg Arg Lys Cys Thr Ile Leu Lys
1 5

<210> 14141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14141
Arg Ile Ile Phe Ile Tyr Lys Met Tyr
1 5

<210> 14142
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14142
Leu Leu Ser Glu Val Gly Met Gln Arg

1 5

<210> 14143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14143
Cys Thr Ile Leu Lys Met Ala Val Ala
1 5

<210> 14144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14144
Glu Thr Val Leu Ile Ile Phe Ser Leu
1 5

<210> 14145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14145
Leu Val Lys Ile Cys Gly Ser Ala Leu
1 5

<210> 14146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14146
Tyr Lys Met Tyr Lys Trp Ser Ile Leu
1 5

<210> 14147

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14147
Gly Met Gln Arg Arg Lys Cys Thr Ile
1 5

<210> 14148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14148
Val Gln Lys Leu Asp Ile Leu Tyr Met
1 5

<210> 14149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14149
Met Gln Gln Phe Ser Tyr Ala Thr Met
1 5

<210> 14150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14150
Arg Ala Trp Gly Lys Asn Val Cys Leu
1 5

<210> 14151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14151
Lys Asn Val Cys Leu Arg Ile Ile Phe
1 5

<210> 14152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14152
Leu Arg Ile Ile Phe Ile Tyr Lys Met
1 5

<210> 14153
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14153
Tyr Lys Trp Ser Ile Leu Asn Phe Met
1 5

<210> 14154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14154
Trp Ser Ile Leu Asn Phe Met Val Leu
1 5

<210> 14155
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14155
Lys Ile Cys Gly Ser Ala Leu Lys Met
1 5

<210> 14156
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14156
Leu Lys Met Asn Leu Leu Gln Val Leu
1 5

<210> 14157
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14157
Leu Gln Val Leu Leu Ser Glu Val Gly
1 5

<210> 14158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14158
Arg Arg Lys Cys Thr Ile Leu Lys Met
1 5

<210> 14159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14159
Leu Lys Met Ala Val Ala Leu Glu Thr
1 5

<210> 14160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14160
Met Ala Val Ala Leu Glu Thr Val Leu
1 5

<210> 14161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14161
Val Ala Leu Glu Thr Val Leu Ile Ile
1 5

<210> 14162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14162
Ala Leu Glu Thr Val Leu Ile Ile Phe
1 5

<210> 14163
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14163
Leu His Val Gln Lys Leu Asp Ile Leu
1 5

<210> 14164
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14164
Leu Asp Ile Leu Tyr Met Gln Gln Phe
1 5

<210> 14165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14165
Phe Ile Tyr Lys Met Tyr Lys Trp Ser Ile
1 5 10

<210> 14166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14166
Tyr Lys Trp Ser Ile Leu Asn Phe Met Val
1 5 10

<210> 14167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14167
Trp Ser Ile Leu Asn Phe Met Val Leu Val
1 5 10

<210> 14168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14168
Ile Leu Asn Phe Met Val Leu Val Lys Ile
1 5 10

<210> 14169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14169
Asn Leu Leu Gln Val Leu Leu Ser Glu Val
1 5 10

<210> 14170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14170
Lys Met Ala Val Ala Leu Glu Thr Val Leu
1 5 10

<210> 14171
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14171
Val Leu Ile Ile Phe Ser Leu Phe Gly Thr
1 5 10

<210> 14172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14172
Ile Ile Phe Ser Leu Phe Gly Thr Thr Leu
1 5 10

<210> 14173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14173
Ser Leu Phe Gly Thr Thr Leu Thr Lys Leu
1 5 10

<210> 14174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14174
Thr Leu Thr Lys Leu Val Val Leu Leu Leu
1 5 10

<210> 14175
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14175
Ile Leu Tyr Met Gln Gln Phe Ser Tyr Ala
1 5 10

<210> 14176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14176
Tyr Met Gln Gln Phe Ser Tyr Ala Thr Met
1 5 10

<210> 14177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14177
Val Leu Val Lys Ile Cys Gly Ser Ala Leu
1 5 10

<210> 14178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14178
Ala Leu Lys Met Asn Leu Leu Gln Val Leu
1 5 10

<210> 14179
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14179
Arg Ile Ile Phe Ile Tyr Lys Met Tyr Lys
1 5 10

<210> 14180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14180
Lys Met Tyr Lys Trp Ser Ile Leu Asn Phe
1 5 10

<210> 14181
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14181
Ser Ile Leu Asn Phe Met Val Leu Val Lys
1 5 10

<210> 14182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14182
Leu Val Lys Ile Cys Gly Ser Ala Leu Lys
1 5 10

<210> 14183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14183
Met Gln Arg Arg Lys Cys Thr Ile Leu Lys
1 5 10

<210> 14184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14184
Phe Ser Leu Phe Gly Thr Thr Leu Thr Lys
1 5 10

<210> 14185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14185
Arg Ala Trp Gly Lys Asn Val Cys Leu Arg
1 5 10

<210> 14186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14186
Leu Val Val Leu Leu Leu His Val Gln Lys
1 5 10

<210> 14187
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14187
Met Gln Gln Phe Ser Tyr Ala Thr Met Arg
1 5 10

<210> 14188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14188
Ala Trp Gly Lys Asn Val Cys Leu Arg Ile
1 5 10

<210> 14189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14189

Ile Tyr Lys Met Tyr Lys Trp Ser Ile Leu
1 5 10

<210> 14190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14190
Met Tyr Lys Trp Ser Ile Leu Asn Phe Met
1 5 10

<210> 14191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14191
Lys Trp Ser Ile Leu Asn Phe Met Val Leu
1 5 10

<210> 14192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14192
Val Ala Leu Glu Thr Val Leu Ile Ile Phe
1 5 10

<210> 14193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14193
Glu Thr Val Leu Ile Ile Phe Ser Leu Phe
1 5 10

<210> 14194
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14194
Leu Tyr Met Gln Gln Phe Ser Tyr Ala Thr
1 5 10

<210> 14195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14195
Arg Thr Ala Arg Ala Trp Gly Lys Asn Val
1 5 10

<210> 14196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14196
Cys Leu Arg Ile Ile Phe Ile Tyr Lys Met
1 5 10

<210> 14197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14197
Asp Ile Leu Tyr Met Gln Gln Phe Ser Tyr
1 5 10

<210> 14198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14198
Cys Thr Ile Leu Lys Met Ala Val Ala Leu
1 5 10

<210> 14199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14199
Met Ala Val Ala Leu Glu Thr Val Leu Ile
1 5 10

<210> 14200
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14200
Val Gly Met Gln Arg Arg Lys Cys Thr Ile
1 5 10

<210> 14201
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14201
Gly Met Gln Arg Arg Lys Cys Thr Ile Leu
1 5 10

<210> 14202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14202
Leu Gln Val Leu Leu Ser Glu Val Gly Met
1 5 10

<210> 14203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14203
Ala Arg Ala Trp Gly Lys Asn Val Cys Leu
1 5 10

<210> 14204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14204
Gly Lys Asn Val Cys Leu Arg Ile Ile Phe
1 5 10

<210> 14205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14205
Leu Arg Ile Ile Phe Ile Tyr Lys Met Tyr
1 5 10

<210> 14206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14206
Ile Ile Phe Ile Tyr Lys Met Tyr Lys Trp

1 5 10

<210> 14207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14207
Val Lys Ile Cys Gly Ser Ala Leu Lys Met
1 5 10

<210> 14208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14208
Leu Lys Met Asn Leu Leu Gln Val Leu Leu
1 5 10

<210> 14209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14209
Gln Arg Arg Lys Cys Thr Ile Leu Lys Met
1 5 10

<210> 14210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14210
Leu Lys Met Ala Val Ala Leu Glu Thr Val
1 5 10

<210> 14211

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14211
Leu Glu Thr Val Leu Ile Ile Phe Ser Leu
1 5 10

<210> 14212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14212
Leu His Val Gln Lys Leu Asp Ile Leu Tyr
1 5 10

<210> 14213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14213
His Val Gln Lys Leu Asp Ile Leu Tyr Met
1 5 10

<210> 14214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14214
Lys Leu Asp Ile Leu Tyr Met Gln Gln Phe
1 5 10

<210> 14215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14215
Gln Gln Phe Ser Tyr Ala Thr Met Arg Gln
1 5 10

<210> 14216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14216
Ile Ala Phe Ser Cys Pro Pro Glu Arg
1 5

<210> 14217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14217
Asn Ser Thr Gly Gly His Ser Gly Arg
1 5

<210> 14218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14218
His Pro Arg Glu Ser Asn Ser Thr Gly
1 5

<210> 14219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14219
Arg Glu Ser Asn Ser Thr Gly Gly His
1 5

<210> 14220
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14220
Cys Pro Pro Glu Arg Val Ala Arg Leu
1 5

<210> 14221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14221
Arg Ile Ala Phe Ser Cys Pro Pro Glu Arg
1 5 10

<210> 14222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14222
Val Ala Arg Leu Arg Arg Leu Asp Glu Lys
1 5 10

<210> 14223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14223
Phe Ser Cys Pro Pro Glu Arg Val Ala Arg
1 5 10

<210> 14224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14224
Ile Ala Phe Ser Cys Pro Pro Glu Arg Val
1 5 10

<210> 14225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14225
Phe Tyr Trp Val Ile Tyr Lys Ile Ile
1 5

<210> 14226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14226
Ile Phe Tyr Trp Val Ile Tyr Lys Ile Ile
1 5 10

<210> 14227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14227
Ile Tyr Lys Ile Ile Arg His Glu Asp Ile
1 5 10

<210> 14228
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14228
Phe Tyr Trp Val Ile Tyr Lys Ile Ile Arg
1 5 10

<210> 14229
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14229
Leu Leu Phe Ala Asn Glu Lys Gly Ala
1 5

<210> 14230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14230
Ser Ile Trp Lys Pro Asp Leu Leu Phe
1 5

<210> 14231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14231
Ile Trp Lys Pro Asp Leu Leu Phe Ala
1 5

<210> 14232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14232
Asp Ser Ile Trp Lys Pro Asp Leu Leu
1 5

<210> 14233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14233
Ser Ile Trp Lys Pro Asp Leu Leu Phe Ala
1 5 10

<210> 14234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14234
Leu Phe Ala Asn Glu Lys Gly Ala Asn Phe
1 5 10

<210> 14235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14235
Thr Leu Ala Leu Gly His Val Ala Ala
1 5

<210> 14236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14236
Asp Thr Thr Leu Ala Leu Gly His Val
1   5

<210> 14237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 14237
Thr Thr Leu Ala Leu Gly His Val Ala
1   5

<210> 14238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 14238
Leu Ala Leu Gly His Val Ala Ala Phe
1   5

<210> 14239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 14239
Asp Thr Thr Leu Ala Leu Gly His Val Ala
1   5   10

<210> 14240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 14240
Thr Thr Leu Ala Leu Gly His Val Ala Ala
1   5   10

<210> 14241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14241
Thr Leu Ala Leu Gly His Val Ala Ala Phe
1 5 10

<210> 14242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14242
Arg Arg Arg Arg Arg Gln Ala Arg Arg
1 5

<210> 14243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14243
Glu Leu Ala Arg Arg Arg Arg Arg Arg
1 5

<210> 14244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14244
Arg Leu Ala Glu Leu Ala Arg Arg Arg
1 5

<210> 14245
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14245
Leu Ala Arg Arg Arg Arg Arg Arg Gln Ala
1 5 10

<210> 14246
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14246
Arg Arg Arg Arg Arg Arg Gln Ala Arg Arg
1 5 10

<210> 14247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14247
Arg Leu Ala Glu Leu Ala Arg Arg Arg Arg
1 5 10

<210> 14248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14248
Ser Pro Arg Leu Arg Glu Ser Ala Ala
1 5

<210> 14249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14249
Gly Ala Leu Ser Gly Ser Pro Arg Leu
1 5

<210> 14250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14250
Arg Gly Gly Ala Leu Ser Gly Ser Pro Arg
1 5 10

<210> 14251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14251
Gln Val Ile Val Ser Arg Gly Gly Ala Leu
1 5 10

<210> 14252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14252
Ser Pro Arg Leu Arg Glu Ser Ala Ala Val
1 5 10

<210> 14253
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14253

Ile Leu Leu Ala Gly Arg Pro Thr Lys
1 5

<210> 14254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14254
Ser Gln Gln Asp Ile Leu Leu Ala Gly
1 5

<210> 14255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14255
Leu Leu Ala Gly Arg Pro Thr Lys Gly Ile
1 5 10

<210> 14256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14256
Lys Ile Lys Lys Ser Gln Leu Thr Ile
1 5

<210> 14257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14257
Gln Leu Thr Ile Cys Phe Pro Glu Tyr
1 5

<210> 14258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14258
Lys Lys Ser Gln Leu Thr Ile Cys Phe
1 5

<210> 14259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14259
Lys Ile Lys Lys Ser Gln Leu Thr Ile Cys
1 5 10

<210> 14260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14260
Ser Gln Leu Thr Ile Cys Phe Pro Glu Tyr
1 5 10

<210> 14261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14261
Ile Lys Lys Ser Gln Leu Thr Ile Cys Phe
1 5 10

<210> 14262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14262
Phe Glu Glu Lys Ile Lys Lys Ser Gln Leu
1 5 10

<210> 14263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14263
Cys Cys Val Leu Thr Ser Gly Ile Phe
1 5

<210> 14264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14264
Arg Cys Cys Val Leu Thr Ser Gly Ile Phe
1 5 10

<210> 14265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14265
Leu Leu Arg Cys His Val Leu Thr Ser
1 5

<210> 14266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14266
Cys His Val Leu Thr Ser Gly Ile Phe
1 5

<210> 14267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14267
Arg Cys His Val Leu Thr Ser Gly Ile Phe
1 5 10

<210> 14268
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14268
Leu Thr Ile Trp Asp Ser Tyr Thr Thr
1 5

<210> 14269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14269
Ser Gln Asp Gly Lys Leu Thr Ile Trp
1 5

<210> 14270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14270
Gly Lys Leu Thr Ile Trp Asp Ser Tyr

1 5

<210> 14271
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14271
Thr Ile Trp Asp Ser Tyr Thr Thr Asn Lys
1 5 10

<210> 14272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14272
Ala Ser Gln Asp Gly Lys Leu Thr Ile Trp
1 5 10

<210> 14273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14273
Lys Leu Ala Ser Ser Tyr Ser Gly Ile
1 5

<210> 14274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14274
Ala Ser Ser Tyr Ser Gly Ile Glu Lys
1 5

<210> 14275

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14275
Leu Leu Ala Ser Ser Gln Gln Arg Lys
1 5

<210> 14276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14276
Lys Asp Lys Lys Leu Ala Ser Ser Tyr
1 5

<210> 14277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14277
Lys Lys Leu Ala Ser Ser Tyr Ser Gly
1 5

<210> 14278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14278
Lys Gln Leu Leu Ala Ser Ser Gln Gln
1 5

<210> 14279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14279
Ile Glu Lys Gln Leu Leu Ala Ser Ser
1 5

<210> 14280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14280
Leu Leu Ala Ser Ser Gln Gln Arg Lys Leu
1 5 10

<210> 14281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14281
Gln Leu Leu Ala Ser Ser Gln Gln Arg Lys
1 5 10

<210> 14282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14282
Leu Ala Ser Ser Tyr Ser Gly Ile Glu Lys
1 5 10

<210> 14283
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14283
Ser Tyr Ser Gly Ile Glu Lys Gln Leu Leu
1 5 10

<210> 14284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14284
Phe Lys Asp Lys Lys Leu Ala Ser Ser Tyr
1 5 10

<210> 14285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14285
Lys Lys Leu Ala Ser Ser Tyr Ser Gly Ile
1 5 10

<210> 14286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14286
Ser Ser Tyr Ser Gly Ile Glu Lys Gln Leu
1 5 10

<210> 14287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14287
Ser Glu Asn Pro Phe Lys Asp Lys Lys Leu
1 5 10

<210> 14288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14288
Arg Gly Phe Leu Arg Tyr Trp Val Ser
1 5

<210> 14289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14289
Asp Leu Asn Arg Gly Phe Leu Arg Tyr
1 5

<210> 14290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14290
Thr Ala Asp Leu Asn Arg Gly Phe Leu Arg
1 5 10

<210> 14291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14291
Cys Thr Ala Asp Leu Asn Arg Gly Phe Leu
1 5 10

<210> 14292
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14292
Ala Asp Leu Asn Arg Gly Phe Leu Arg Tyr
1 5 10

<210> 14293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14293
Glu Tyr Gln Asn Arg Phe Leu His Met
1 5

<210> 14294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14294
Leu Pro Arg Glu Tyr Gln Asn Arg Phe
1 5

<210> 14295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14295
Arg Glu Tyr Gln Asn Arg Phe Leu His
1 5

<210> 14296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14296
Tyr Gln Asn Arg Phe Leu His Met His
1 5

<210> 14297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14297
Leu Pro Arg Glu Tyr Gln Asn Arg Phe Leu
1 5 10

<210> 14298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14298
Arg Glu Tyr Gln Asn Arg Phe Leu His Met
1 5 10

<210> 14299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14299
Ser Gln Phe Glu Leu Pro Arg Glu Tyr Gln
1 5 10

<210> 14300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14300
Met Glu Leu Glu Asp His Ile Thr His
1 5

<210> 14301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14301
His Lys Thr Ile Glu Ile Glu Ser Leu
1 5

<210> 14302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14302
Leu Glu Asp His Ile Thr His Lys Thr Ile
1 5 10

<210> 14303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14303
Lys Leu Met Gly Gln Ile His Gln Ile
1 5

<210> 14304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14304
Lys Leu Met Gly Gln Ile His Gln Ile Arg
1 5 10

<210> 14305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14305
His Gln Ile Arg Ser Glu Leu Gln Asp Met
1 5 10

<210> 14306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14306
Gln Lys Leu Met Gly Gln Ile His Gln Ile
1 5 10

<210> 14307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14307
Gly Gln Ile His Gln Ile Arg Ser Glu Leu
1 5 10

<210> 14308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14308
Arg Ile Ile Gly Met Trp Thr Gln Leu
1 5

<210> 14309
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14309
Ile Ile Gly Met Trp Thr Gln Leu Val
1 5

<210> 14310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14310
Trp Thr Gln Leu Val Ser Asn Leu Lys
1 5

<210> 14311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14311
Met Trp Thr Gln Leu Val Ser Asn Leu
1 5

<210> 14312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14312
Met Ala Asp Arg Ile Ile Gly Met Trp
1 5

<210> 14313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14313
Arg Ile Ile Gly Met Trp Thr Gln Leu Val
1 5 10

<210> 14314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14314
Gly Met Trp Thr Gln Leu Val Ser Asn Leu
1 5 10

<210> 14315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14315
Met Trp Thr Gln Leu Val Ser Asn Leu Lys
1 5 10

<210> 14316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14316
Trp Thr Gln Leu Val Ser Asn Leu Lys Lys
1 5 10

<210> 14317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14317

Val Met Ala Asp Arg Ile Ile Gly Met Trp
1 5 10

<210> 14318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14318
Asn Pro Ile Glu Ala Ser Leu Tyr Gly
1 5

<210> 14319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14319
Tyr Gly Asn Pro Ile Glu Ala Ser Leu Tyr
1 5 10

<210> 14320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14320
Asn Pro Ile Glu Ala Ser Leu Tyr Gly Leu
1 5 10

<210> 14321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14321
Ile Glu Ala Ser Leu Tyr Gly Leu Asp Leu
1 5 10

<210> 14322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14322
Glu Ala Glu Arg Gly Gly Arg Ser Tyr
1 5

<210> 14323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14323
Lys Glu Ala Glu Arg Gly Gly Arg Ser Tyr
1 5 10

<210> 14324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14324
Ala Glu Arg Gly Gly Arg Ser Tyr Ser Ile
1 5 10

<210> 14325
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14325
Met Gln Met Arg Ser Thr Gln Asn Met
1 5

<210> 14326
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14326
Gln Met Arg Ser Thr Gln Asn Met Leu
1 5

<210> 14327
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14327
Met Leu Ser Arg Thr Ser Glu Lys Ala
1 5

<210> 14328
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14328
Asn Met Leu Ser Arg Thr Ser Glu Lys
1 5

<210> 14329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14329
Gln Met Lys Glu Arg Val Gln Leu Lys
1 5

<210> 14330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14330
Arg Ser Thr Gln Asn Met Leu Ser Arg
1 5

<210> 14331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14331
Arg Val Gln Leu Lys Gly Met Arg Arg
1 5

<210> 14332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14332
Lys Arg Lys Arg Lys Gly Gly Arg Lys
1 5

<210> 14333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14333
Lys Gly Gly Arg Lys Arg Arg Lys Lys
1 5

<210> 14334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14334
Arg Arg Lys Lys Leu Gln His Leu Lys

1 5

<210> 14335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14335
Leu Ser Arg Thr Ser Glu Lys Ala Arg
1 5

<210> 14336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14336
Arg Thr Ser Glu Lys Ala Arg Arg Arg
1 5

<210> 14337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14337
Lys Ala Arg Arg Arg Lys Gly Asp Ile
1 5

<210> 14338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14338
Arg Arg Arg Lys Gly Asp Ile Lys Lys
1 5

<210> 14339

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14339
Lys Gly Met Arg Arg Arg Thr Leu Gln
1 5

<210> 14340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14340
Gly Met Arg Arg Arg Thr Leu Gln Glu
1 5

<210> 14341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14341
His Leu Lys Gly Met Met Gln Met Arg
1 5

<210> 14342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14342
Leu Lys Gly Met Arg Arg Arg Thr Leu
1 5

<210> 14343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14343
Lys Lys Leu Gln His Leu Lys Gly Met
1 5

<210> 14344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14344
Gln His Leu Lys Gly Met Met Gln Met
1 5

<210> 14345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14345
Gly Met Met Gln Met Arg Ser Thr Gln
1 5

<210> 14346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14346
Ser Gln Met Lys Glu Arg Val Gln Leu
1 5

<210> 14347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14347
Lys Glu Arg Val Gln Leu Lys Gly Met
1 5

<210> 14348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14348
Arg Thr Leu Gln Glu Gln Val Gly Leu
1 5

<210> 14349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14349
Met Gln Met Arg Ser Thr Gln Asn Met Leu
1 5 10

<210> 14350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14350
Met Met Gln Met Arg Ser Thr Gln Asn Met
1 5 10

<210> 14351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14351
Ser Gln Met Lys Glu Arg Val Gln Leu Lys
1 5 10

<210> 14352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14352
Arg Thr Ser Glu Lys Ala Arg Arg Arg Lys
1 5 10

<210> 14353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14353
Lys Lys Arg Lys Arg Lys Gly Gly Arg Lys
1 5 10

<210> 14354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14354
Lys Arg Lys Gly Gly Arg Lys Arg Arg Lys
1 5 10

<210> 14355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14355
Lys Arg Arg Lys Lys Leu Gln His Leu Lys
1 5 10

<210> 14356
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14356
Gln Met Arg Ser Thr Gln Asn Met Leu Ser
1 5 10

<210> 14357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14357
Gln Asn Met Leu Ser Arg Thr Ser Glu Lys
1 5 10

<210> 14358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14358
Leu Ser Arg Thr Ser Glu Lys Ala Arg Arg
1 5 10

<210> 14359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14359
Lys Ala Arg Arg Arg Lys Gly Asp Ile Lys
1 5 10

<210> 14360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14360
Arg Ser Gln Met Lys Glu Arg Val Gln Leu
1 5 10

<210> 14361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14361
Arg Val Gln Leu Lys Gly Met Arg Arg Arg
1 5 10

<210> 14362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14362
Met Leu Ser Arg Thr Ser Glu Lys Ala Arg
1 5 10

<210> 14363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14363
Gln Leu Lys Gly Met Arg Arg Arg Thr Leu
1 5 10

<210> 14364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14364
Leu Gln His Leu Lys Gly Met Met Gln Met
1 5 10

<210> 14365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14365
Arg Lys Arg Arg Lys Lys Leu Gln His Leu
1 5 10

<210> 14366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14366
Arg Lys Lys Leu Gln His Leu Lys Gly Met
1 5 10

<210> 14367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14367
Lys Lys Leu Gln His Leu Lys Gly Met Met
1 5 10

<210> 14368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14368
Met Lys Glu Arg Val Gln Leu Lys Gly Met
1 5 10

<210> 14369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14369
Lys Glu Arg Ser Gln Met Lys Glu Arg Val
1 5 10

<210> 14370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14370
Glu Gln Val Asn Arg Ile Cys Gly Leu
1 5

<210> 14371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14371
Gln Val Asn Arg Ile Cys Gly Leu Pro Val
1 5 10

<210> 14372
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14372
Val Asn Arg Ile Cys Gly Leu Pro Val Arg
1 5 10

<210> 14373
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14373
Leu Glu Gln Val Asn Arg Ile Cys Gly Leu
1 5 10

<210> 14374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14374
Val Thr Arg Thr Phe Ile Ala Ala Arg
1 5

<210> 14375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14375
Arg Thr Phe Ile Ala Ala Arg Thr Phe
1 5

<210> 14376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14376
Lys Ile Gln Val Thr Arg Thr Phe Ile
1 5

<210> 14377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14377
Gln Val Thr Arg Thr Phe Ile Ala Ala
1 5

<210> 14378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14378
Thr Phe Ile Ala Ala Arg Thr Phe Val
1 5

<210> 14379
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14379
Leu Lys Ile Gln Val Thr Arg Thr Phe
1 5

<210> 14380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14380
Ile Gln Val Thr Arg Thr Phe Ile Ala
1 5

<210> 14381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14381

Arg Thr Phe Ile Ala Ala Arg Thr Phe Val
1 5 10

<210> 14382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14382
Lys Leu Lys Ile Gln Val Thr Arg Thr Phe
1 5 10

<210> 14383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14383
Lys Ile Gln Val Thr Arg Thr Phe Ile Ala
1 5 10

<210> 14384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14384
Val Thr Arg Thr Phe Ile Ala Ala Arg Thr
1 5 10

<210> 14385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14385
Gln Val Thr Arg Thr Phe Ile Ala Ala Arg
1 5 10

<210> 14386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14386
Leu Lys Ile Gln Val Thr Arg Thr Phe Ile
1 5 10

<210> 14387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14387
Ile Gln Val Thr Arg Thr Phe Ile Ala Ala
1 5 10

<210> 14388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14388
Thr Arg Thr Phe Ile Ala Ala Arg Thr Phe
1 5 10

<210> 14389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14389
Ser Gln Phe Gly Gly Val Leu His Leu
1 5

<210> 14390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14390
Ser Gly Asp Arg Arg Phe Ser Gln Phe
1 5

<210> 14391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14391
Arg Arg Phe Ser Gln Phe Gly Gly Val
1 5

<210> 14392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14392
Arg Phe Ser Gln Phe Gly Gly Val Leu
1 5

<210> 14393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14393
Phe Ser Gly Asp Arg Arg Phe Ser Gln Phe
1 5 10

<210> 14394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14394
Arg Arg Phe Ser Gln Phe Gly Gly Val Leu
1 5 10

<210> 14395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14395
Phe Ser Gln Phe Gly Gly Val Leu His Leu
1 5 10

<210> 14396
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14396
Ser Gln Phe Gly Gly Val Leu His Leu Ser
1 5 10

<210> 14397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14397
Val Leu Ser Gly Thr Val Asn Ile Leu
1 5

<210> 14398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14398
Glu Val Leu Ser Gly Thr Val Asn Ile

1 5

<210> 14399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14399
Ala Leu Phe Cys Gly Cys Gly His Glu Val
1 5 10

<210> 14400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14400
Glu Val Leu Ser Gly Thr Val Asn Ile Leu
1 5 10

<210> 14401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14401
His Glu Val Leu Ser Gly Thr Val Asn Ile
1 5 10

<210> 14402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14402
Phe Met Tyr Val Phe His Thr Leu Gly
1 5

<210> 14403

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14403
Arg Arg Trp Asn Phe Met Tyr Val Phe
1 5

<210> 14404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14404
Asn Phe Met Tyr Val Phe His Thr Leu
1 5

<210> 14405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14405
Gly Trp Arg Arg Trp Asn Phe Met Tyr
1 5

<210> 14406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14406
Arg Trp Asn Phe Met Tyr Val Phe His
1 5

<210> 14407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14407
Met Tyr Val Phe His Thr Leu Gly Gln Tyr
1 5 10

<210> 14408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14408
Gly Trp Arg Arg Trp Asn Phe Met Tyr Val
1 5 10

<210> 14409
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14409
Arg Trp Asn Phe Met Tyr Val Phe His Thr
1 5 10

<210> 14410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14410
His Pro Gly Trp Arg Arg Trp Asn Phe Met
1 5 10

<210> 14411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14411
Trp Asn Phe Met Tyr Val Phe His Thr Leu
1 5 10

<210> 14412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14412
Trp Arg Arg Trp Asn Phe Met Tyr Val Phe
1 5 10

<210> 14413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14413
Phe Met Tyr Val Phe His Thr Leu Gly Gln
1 5 10

<210> 14414
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14414
Leu Leu Phe Pro Gly Ile Ser Ala Pro
1 5

<210> 14415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14415
Met Glu Cys Leu Leu Phe Pro Gly Ile
1 5

<210> 14416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14416
Leu Leu Phe Pro Gly Ile Ser Ala Pro Gly
1 5 10

<210> 14417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14417
Met Glu Cys Leu Leu Phe Pro Gly Ile Ser
1 5 10

<210> 14418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14418
Lys Gly Gly Tyr Ser Tyr Gln Ile Lys
1 5

<210> 14419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14419
Ser Gln Leu Lys Gly Gly Tyr Ser Tyr
1 5

<210> 14420
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14420
Leu Lys Gly Gly Tyr Ser Tyr Gln Ile
1 5

<210> 14421
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14421
Gly Gly Tyr Ser Tyr Gln Ile Lys Met
1 5

<210> 14422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14422
Gln Leu Lys Gly Gly Tyr Ser Tyr Gln Ile
1 5 10

<210> 14423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14423
Val Asn Lys Ser Gln Leu Lys Gly Gly Tyr
1 5 10

<210> 14424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14424
Lys Ser Gln Leu Lys Gly Gly Tyr Ser Tyr
1 5 10

<210> 14425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14425
Ser Gln Leu Lys Gly Gly Tyr Ser Tyr Gln
1 5 10

<210> 14426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14426
Lys Gly Gly Tyr Ser Tyr Gln Ile Lys Met
1 5 10

<210> 14427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14427
Lys Asn Tyr Phe Ile Ser Tyr Ser Arg
1 5

<210> 14428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14428
Met Ser Pro Ser Lys Asn Tyr Phe Ile
1 5

<210> 14429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14429
Pro Ser Lys Asn Tyr Phe Ile Ser Tyr
1 5

<210> 14430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14430
Glu Met Ser Pro Ser Lys Asn Tyr Phe
1 5

<210> 14431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14431
Thr Glu Met Ser Pro Ser Lys Asn Tyr
1 5

<210> 14432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14432
Val Thr Glu Met Ser Pro Ser Lys Asn Tyr
1 5 10

<210> 14433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14433
Glu Met Ser Pro Ser Lys Asn Tyr Phe Ile
1 5 10

<210> 14434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14434
Ser Pro Ser Lys Asn Tyr Phe Ile Ser Tyr
1 5 10

<210> 14435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14435
Thr Glu Met Ser Pro Ser Lys Asn Tyr Phe
1 5 10

<210> 14436
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14436
Asp Leu Ala Pro Asp Thr Ser Pro Cys Arg
1 5 10

<210> 14437
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14437
Leu Gln Asn Asn Leu Ile Ser Ser Ile
1 5

<210> 14438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14438
Leu Glu Arg Leu Asp Leu Gln Asn Asn Leu
1 5 10

<210> 14439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14439
Gln Val Thr Ala Ile Cys Val Thr Val
1 5

<210> 14440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14440
Ile Cys Val Thr Val Ile Leu Leu Tyr
1 5

<210> 14441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14441
Thr Ala Ile Cys Val Thr Val Ile Leu
1 5

<210> 14442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14442
Cys Gln Val Thr Ala Ile Cys Val Thr
1 5

<210> 14443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14443
Cys Gln Val Thr Ala Ile Cys Val Thr Val
1 5 10

<210> 14444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14444
Ala Ile Cys Val Thr Val Ile Leu Leu Tyr
1 5 10

<210> 14445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14445

Ser Val Cys Gln Val Thr Ala Ile Cys Val
1 5 10

<210> 14446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14446
Gln Val Thr Ala Ile Cys Val Thr Val Ile
1 5 10

<210> 14447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14447
Thr Ala Ile Cys Val Thr Val Ile Leu Leu
1 5 10

<210> 14448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14448
Ser Ser Ser Asp Glu Leu Phe Cys Arg
1 5

<210> 14449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14449
Leu Phe Cys Arg Cys His Arg Pro Tyr
1 5

<210> 14450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14450
Thr Glu Ser Ser Ser Ser Asp Glu Leu
1 5

<210> 14451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14451
Ser Ser Ser Ser Asp Glu Leu Phe Cys Arg
1 5 10

<210> 14452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14452
Glu Leu Phe Cys Arg Cys His Arg Pro Tyr
1 5 10

<210> 14453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14453
Thr Glu Ser Ser Ser Ser Asp Glu Leu Phe
1 5 10

<210> 14454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14454
Lys Thr Ser Asn His Leu Ile Phe Asn
1 5

<210> 14455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14455
Thr Ser Asn His Leu Ile Phe Asn Met
1 5

<210> 14456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14456
Gly Gln Gly Lys Thr Ser Asn His Leu
1 5

<210> 14457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14457
Gly Lys Thr Ser Asn His Leu Ile Phe
1 5

<210> 14458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14458
Lys Thr Ser Asn His Leu Ile Phe Asn Met
1 5 10

<210> 14459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14459
Gly Gln Gly Lys Thr Ser Asn His Leu Ile
1 5 10

<210> 14460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14460
Gln Gly Lys Thr Ser Asn His Leu Ile Phe
1 5 10

<210> 14461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14461
Arg Ile Thr Glu Ile Thr Glu Thr Val
1 5

<210> 14462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14462
Arg Arg Ile Thr Glu Ile Thr Glu Thr Val

1 5 10

<210> 14463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14463
Thr Ala Arg Thr Val Pro Gly Ala Ala
1 5

<210> 14464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14464
Val Thr Ala Arg Thr Val Pro Gly Ala
1 5

<210> 14465
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14465
Thr Val Pro Gly Ala Ala Ser Gly Ala
1 5

<210> 14466
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14466
Val Pro Gly Ala Ala Ser Gly Ala Ala
1 5

<210> 14467

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14467
Leu Val Thr Ala Arg Thr Val Pro Gly Ala
1 5 10

<210> 14468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14468
Arg Thr Val Pro Gly Ala Ala Ser Gly Ala
1 5 10

<210> 14469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14469
Val Thr Ala Arg Thr Val Pro Gly Ala Ala
1 5 10

<210> 14470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14470
Thr Val Pro Gly Ala Ala Ser Gly Ala Ala
1 5 10

<210> 14471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14471
Phe Thr Tyr Phe Asn Ile Phe His Ile
1 5

<210> 14472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14472
Thr Tyr Phe Asn Ile Phe His Ile Cys
1 5

<210> 14473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14473
Cys Phe Thr Tyr Phe Asn Ile Phe His Ile
1 5 10

<210> 14474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14474
Ile Phe His Ile Cys Gln Gln His Thr Lys
1 5 10

<210> 14475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14475
Phe Thr Tyr Phe Asn Ile Phe His Ile Cys
1 5 10

<210> 14476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14476
Val Ala Ala Glu Gly Ala Ala Ala Leu
1 5

<210> 14477
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14477
Ala Glu Gly Ala Ala Ala Leu Gly Ala
1 5

<210> 14478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14478
Val Val Ala Ala Glu Gly Ala Ala Ala Leu
1 5 10

<210> 14479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14479
Ala Glu Gly Ala Ala Ala Leu Gly Ala Gly
1 5 10

<210> 14480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14480
Ala Ser Ile Ile Ile Trp Gly Asp Lys
1 5

<210> 14481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14481
Ser Ile Ile Ile Trp Gly Asp Lys Arg
1 5

<210> 14482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14482
Lys Gly Ser Ala Ser Ile Ile Ile Trp
1 5

<210> 14483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14483
Ser Ala Ser Ile Ile Ile Trp Gly Asp Lys
1 5 10

<210> 14484
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14484
Val Lys Gly Ser Ala Ser Ile Ile Ile Trp
1 5 10

<210> 14485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14485
Trp Thr Ala Glu Ala Gly Leu Asp Phe
1 5

<210> 14486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14486
Lys Thr Met Ser Trp Thr Ala Glu Ala
1 5

<210> 14487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14487
Arg Leu Trp Tyr Lys Thr Met Ser Trp
1 5

<210> 14488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14488
Trp Tyr Lys Thr Met Ser Trp Thr Ala
1 5

<210> 14489
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14489
Met Ser Trp Thr Ala Glu Ala Gly Leu
1 5

<210> 14490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14490
Thr Met Ser Trp Thr Ala Glu Ala Gly Leu
1 5 10

<210> 14491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14491
Trp Thr Ala Glu Ala Gly Leu Asp Phe Val
1 5 10

<210> 14492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14492
Arg Leu Trp Tyr Lys Thr Met Ser Trp Thr
1 5 10

<210> 14493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14493
Ser Trp Thr Ala Glu Ala Gly Leu Asp Phe
1 5 10

<210> 14494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14494
Val Arg Leu Trp Tyr Lys Thr Met Ser Trp
1 5 10

<210> 14495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14495
Leu Trp Tyr Lys Thr Met Ser Trp Thr Ala
1 5 10

<210> 14496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14496
Tyr Lys Thr Met Ser Trp Thr Ala Glu Ala
1 5 10

<210> 14497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14497
Tyr Val Phe Met Val Phe Phe Ile Leu
1 5

<210> 14498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14498
Gln Gly Leu Tyr Val Phe Met Val Phe
1 5

<210> 14499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14499
Leu Tyr Val Phe Met Val Phe Phe Ile
1 5

<210> 14500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14500
Val Phe Phe Ile Leu His Asn Gln Met
1 5

<210> 14501
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14501
Gly Leu Tyr Val Phe Met Val Phe Phe
1 5

<210> 14502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14502
Gly Leu Tyr Val Phe Met Val Phe Phe Ile
1 5 10

<210> 14503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14503
Leu Gln Gly Leu Tyr Val Phe Met Val Phe
1 5 10

<210> 14504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14504
Gln Gly Leu Tyr Val Phe Met Val Phe Phe
1 5 10

<210> 14505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14505
Leu Tyr Val Phe Met Val Phe Phe Ile Leu
1 5 10

<210> 14506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14506
Met Val Phe Phe Ile Leu His Asn Gln Met
1 5 10

<210> 14507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14507
Ile Val Asn Leu Trp Phe Trp Ser Arg
1 5

<210> 14508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14508
Val Asn Leu Trp Phe Trp Ser Arg Lys
1 5

<210> 14509
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14509

Asn Leu Trp Phe Trp Ser Arg Lys Tyr
1 5

<210> 14510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14510
Glu Glu Glu Asp Ile Val Asn Leu Trp
1 5

<210> 14511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14511
Glu Glu Asp Ile Val Asn Leu Trp Phe
1 5

<210> 14512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14512
Glu Glu Glu Glu Asp Ile Val Asn Leu
1 5

<210> 14513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14513
Ile Val Asn Leu Trp Phe Trp Ser Arg Lys
1 5 10

<210> 14514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14514
Leu Trp Phe Trp Ser Arg Lys Tyr Thr Lys
1 5 10

<210> 14515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14515
Val Asn Leu Trp Phe Trp Ser Arg Lys Tyr
1 5 10

<210> 14516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14516
Asp Ile Val Asn Leu Trp Phe Trp Ser Arg
1 5 10

<210> 14517
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14517
Glu Glu Glu Asp Ile Val Asn Leu Trp Phe
1 5 10

<210> 14518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14518
Glu Glu Asp Ile Val Asn Leu Trp Phe Trp
1 5 10

<210> 14519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14519
Ile Ile Leu Glu Thr Val Ala Thr Ala
1 5

<210> 14520
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14520
Ala Trp Gly Ile Ile Leu Glu Thr Val
1 5

<210> 14521
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14521
Glu Ala Trp Gly Ile Ile Leu Glu Thr
1 5

<210> 14522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14522
Lys Ala Glu Ala Trp Gly Ile Ile Leu
1 5

<210> 14523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14523
Ala Glu Ala Trp Gly Ile Ile Leu Glu
1 5

<210> 14524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14524
Ile Leu Glu Thr Val Ala Thr Ala Gly Val
1 5 10

<210> 14525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14525
Gly Ile Ile Leu Glu Thr Val Ala Thr Ala
1 5 10

<210> 14526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14526
Glu Ala Trp Gly Ile Ile Leu Glu Thr Val

1 5 10

<210> 14527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14527
Ala Glu Ala Trp Gly Ile Ile Leu Glu Thr
1 5 10

<210> 14528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14528
Thr Val Ser Pro Arg Lys Val Asp Pro Val
1 5 10

<210> 14529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14529
Lys Thr Tyr Thr Val Ser Pro Arg Lys Val
1 5 10

<210> 14530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14530
Met Gln Ser Leu Arg His Pro Ser Cys
1 5

<210> 14531

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14531
Ser Thr Val Gly Asn Val Ser Pro Met
1 5

<210> 14532
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14532
Ser Ser Thr Val Gly Asn Val Ser Pro Met
1 5 10

<210> 14533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14533
Ala Leu Leu Cys Gly Met Arg Glu Met
1 5

<210> 14534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14534
Leu Leu Cys Gly Met Arg Glu Met Arg
1 5

<210> 14535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14535
Arg Glu Met Arg Ala Gly Gly Cys Cys
1 5

<210> 14536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14536
Ala Ala Leu Leu Cys Gly Met Arg Glu Met
1 5 10

<210> 14537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14537
Arg Glu Met Arg Ala Gly Gly Cys Cys His
1 5 10

<210> 14538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14538
Met Arg Ala Gly Gly Cys Cys His Ala Leu
1 5 10

<210> 14539
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14539
Ala Ser Ala Ser Ser Ser Arg Ser Lys
1 5

<210> 14540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14540
Arg Ser Val Lys Ala Ser Pro Pro Gly
1 5

<210> 14541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14541
Lys Ala Ser Pro Pro Gly Pro Ala Ala
1 5

<210> 14542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14542
Ser Pro Pro Gly Pro Ala Ala Ser Ala
1 5

<210> 14543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14543
Ala Ala Ser Ala Ser Ser Ser Arg Ser Lys
1 5 10

<210> 14544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14544
Ser Val Lys Ala Ser Pro Pro Gly Pro Ala
1 5 10

<210> 14545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14545
Val Lys Ala Ser Pro Pro Gly Pro Ala Ala
1 5 10

<210> 14546
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14546
Leu Val Arg Pro Gly Cys Gly Pro Arg
1 5

<210> 14547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14547
Arg Pro Gly Cys Gly Pro Arg Thr Pro Ser
1 5 10

<210> 14548
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14548
Met Gln Arg Ala Ala Ala Leu Val Arg Pro
1 5 10

<210> 14549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14549
Ser Leu Phe Gly Lys Asp Met Lys Val
1 5

<210> 14550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14550
Ala Ser Leu Phe Gly Lys Asp Met Lys
1 5

<210> 14551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14551
His Ala Ser Leu Phe Gly Lys Asp Met
1 5

<210> 14552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14552
Lys Asp Met Lys Val Val Ile Pro Val
1 5

<210> 14553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14553
Ser Leu Phe Gly Lys Asp Met Lys Val Val
1 5 10

<210> 14554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14554
His Ala Ser Leu Phe Gly Lys Asp Met Lys
1 5 10

<210> 14555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14555
Phe His Ala Ser Leu Phe Gly Lys Asp Met
1 5 10

<210> 14556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14556
Lys Asp Met Lys Val Val Ile Pro Val Val
1 5 10

<210> 14557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14557
Met Lys Val Val Ile Pro Val Val Ser Val
1 5 10

<210> 14558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14558
Gln Ala Asp Asn Leu Leu Met Gly Lys
1 5

<210> 14559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14559
Ser Arg His Gln Ala Asp Asn Leu Leu
1 5

<210> 14560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14560
Arg His Gln Ala Asp Asn Leu Leu Met
1 5

<210> 14561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14561
His Gln Ala Asp Asn Leu Leu Met Gly
1 5

<210> 14562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14562
Gly Leu Ser Arg His Gln Ala Asp Asn Leu
1 5 10

<210> 14563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14563
His Gln Ala Asp Asn Leu Leu Met Gly Lys
1 5 10

<210> 14564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14564
Ser Arg His Gln Ala Asp Asn Leu Leu Met
1 5 10

<210> 14565
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14565
Lys Lys His Gly Thr Pro Thr Asn Tyr
1 5

<210> 14566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14566
His Gly Thr Pro Thr Asn Tyr Gly Phe
1 5

<210> 14567
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14567
Thr Pro Thr Asn Tyr Gly Phe Cys Phe
1 5

<210> 14568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14568
Gly Thr Pro Thr Asn Tyr Gly Phe Cys Phe
1 5 10

<210> 14569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14569
Lys Lys Lys His Gly Thr Pro Thr Asn Tyr
1 5 10

<210> 14570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14570
Lys His Gly Thr Pro Thr Asn Tyr Gly Phe
1 5 10

<210> 14571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14571
Leu Gly Ser Gly Arg Lys Leu Trp Lys
1 5

<210> 14572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14572
Glu Ile Gln Gly Phe Leu Gln Leu Leu
1 5

<210> 14573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14573

Leu Leu Gly Ser Gly Arg Lys Leu Trp
1 5

<210> 14574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14574
Leu Leu Gly Ser Gly Arg Lys Leu Trp Lys
1 5 10

<210> 14575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14575
Leu Gln Leu Leu Gly Ser Gly Arg Lys Leu
1 5 10

<210> 14576
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14576
Gln Leu Leu Gly Ser Gly Arg Lys Leu Trp
1 5 10

<210> 14577
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14577
Pro Glu Ile Gln Gly Phe Leu Gln Leu Leu
1 5 10

<210> 14578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14578
Ala Gly Met Tyr Cys Val Pro Gln Val
1 5

<210> 14579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14579
Met Tyr Cys Val Pro Gln Val Gly Leu
1 5

<210> 14580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14580
Ala Lys Tyr Glu Ser Ala Gly Met Tyr
1 5

<210> 14581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14581
Tyr Glu Ser Ala Gly Met Tyr Cys Val
1 5

<210> 14582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14582
Gly Met Tyr Cys Val Pro Gln Val Gly
1 5

<210> 14583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14583
Gly Met Tyr Cys Val Pro Gln Val Gly Leu
1 5 10

<210> 14584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14584
Lys Tyr Glu Ser Ala Gly Met Tyr Cys Val
1 5 10

<210> 14585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14585
Met Tyr Cys Val Pro Gln Val Gly Leu Val
1 5 10

<210> 14586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14586
Arg Ala Lys Tyr Glu Ser Ala Gly Met Tyr
1 5 10

<210> 14587
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14587
Tyr Glu Ser Ala Gly Met Tyr Cys Val Pro
1 5 10

<210> 14588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14588
Ala Trp Gly Ser Tyr Lys Leu Thr Leu
1 5

<210> 14589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14589
Gln Ile Glu Glu Ala Trp Gly Ser Tyr
1 5

<210> 14590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14590
Phe Gln Leu Gln Ile Glu Glu Ala Trp

1 5

<210> 14591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14591
Glu Glu Ala Trp Gly Ser Tyr Lys Leu
1 5

<210> 14592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14592
Gln Ile Glu Glu Ala Trp Gly Ser Tyr Lys
1 5 10

<210> 14593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14593
Thr Phe Gln Leu Gln Ile Glu Glu Ala Trp
1 5 10

<210> 14594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14594
Leu Gln Ile Glu Glu Ala Trp Gly Ser Tyr
1 5 10

<210> 14595

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14595
Ile Glu Glu Ala Trp Gly Ser Tyr Lys Leu
1 5 10

<210> 14596
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14596
Glu Glu Ala Trp Gly Ser Tyr Lys Leu Thr
1 5 10

<210> 14597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14597
Cys Leu Asn Ala Ile Leu Gly Gln Ile
1 5

<210> 14598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14598
Cys Glu Ser Glu Cys Leu Asn Ala Ile
1 5

<210> 14599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14599
Cys Leu Asn Ala Ile Leu Gly Gln Ile Ile
1 5 10

<210> 14600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14600
Cys Glu Ser Glu Cys Leu Asn Ala Ile Leu
1 5 10

<210> 14601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14601
Lys Ser Arg Ala Glu Ala Lys Gln Met
1 5

<210> 14602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14602
Ala Glu Ala Lys Gln Met Lys Val Ala
1 5

<210> 14603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14603
Lys Gln Met Lys Val Ala Lys Asn Ala
1 5

<210> 14604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14604
Lys Ser Arg Ala Glu Ala Lys Gln Met Lys
1 5 10

<210> 14605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14605
Tyr Lys Ser Arg Ala Glu Ala Lys Gln Met
1 5 10

<210> 14606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14606
Lys Gln Met Lys Val Ala Lys Asn Ala Gln
1 5 10

<210> 14607
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14607
Gly Ala Phe Val Gln Gln Gly Gly Lys
1 5

<210> 14608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14608
Lys Ser Ser Val Asn Ser Met Ala Met
1 5

<210> 14609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14609
Val Gln Gln Gly Gly Lys Ser Ser Val
1 5

<210> 14610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14610
Gly Gly Lys Ser Ser Val Asn Ser Met
1 5

<210> 14611
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14611
Phe Val Gln Gln Gly Gly Lys Ser Ser Val
1 5 10

<210> 14612
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14612
Lys Ser Ser Val Asn Ser Met Ala Met Arg
1 5 10

<210> 14613
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14613
Gly Lys Ser Ser Val Asn Ser Met Ala Met
1 5 10

<210> 14614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14614
Val Leu Asp Ser Ala Val Tyr Glu Tyr
1 5

<210> 14615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14615
Val Glu Met Ser Tyr Gly Thr Val Leu
1 5

<210> 14616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14616
Leu Asp Ser Ala Val Tyr Glu Tyr Phe
1 5

<210> 14617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14617
Val Leu Asp Ser Ala Val Tyr Glu Tyr Phe
1 5 10

<210> 14618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14618
Thr Val Leu Asp Ser Ala Val Tyr Glu Tyr
1 5 10

<210> 14619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14619
Met Ser Tyr Gly Thr Val Leu Asp Ser Ala
1 5 10

<210> 14620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14620
Ser Leu Leu Ser Ser Leu Leu His Ala
1 5

<210> 14621
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14621
Leu Leu Ser Ser Leu Leu His Ala Leu
1 5

<210> 14622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14622
Thr Gln Thr Ser Leu Leu Ser Ser Leu
1 5

<210> 14623
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14623
Leu Ser Ser Leu Leu His Ala Leu Lys
1 5

<210> 14624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14624
Ser Leu Ser Arg Thr Phe Pro Ser Lys
1 5

<210> 14625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14625
Ser Ser Tyr Thr Gln Thr Ser Leu Leu
1 5

<210> 14626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14626
Ser Ser Leu Ser Arg Thr Phe Pro Ser
1 5

<210> 14627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14627
Lys Gln Lys Ser Leu Met Ala Gln Ser
1 5

<210> 14628
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14628
Gln Thr Ser Leu Leu Ser Ser Leu Leu
1 5

<210> 14629
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14629
His Ala Leu Lys Val Pro Ser Ser Leu
1 5

<210> 14630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14630
Val Pro Ser Ser Leu Ser Arg Thr Phe
1 5

<210> 14631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14631
Phe Pro Ser Lys Gln Lys Ser Leu Met
1 5

<210> 14632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14632
Ile Ser Ser Tyr Thr Gln Thr Ser Leu
1 5

<210> 14633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14633
Ser Leu Leu Ser Ser Leu Leu His Ala Leu
1 5 10

<210> 14634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14634
Val Ile Ser Ser Tyr Thr Gln Thr Ser Leu
1 5 10

<210> 14635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14635
Tyr Thr Gln Thr Ser Leu Leu Ser Ser Leu
1 5 10

<210> 14636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14636
Thr Gln Thr Ser Leu Leu Ser Ser Leu Leu
1 5 10

<210> 14637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14637

Leu Leu Ser Ser Leu Leu His Ala Leu Lys
1 5 10

<210> 14638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14638
Ala Leu Lys Val Pro Ser Ser Leu Ser Arg
1 5 10

<210> 14639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14639
Ser Ser Leu Ser Arg Thr Phe Pro Ser Lys
1 5 10

<210> 14640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14640
Lys Val Pro Ser Ser Leu Ser Arg Thr Phe
1 5 10

<210> 14641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14641
Leu Ser Arg Thr Phe Pro Ser Lys Gln Lys
1 5 10

<210> 14642
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14642
Arg Thr Phe Pro Ser Lys Gln Lys Ser Leu
1 5 10

<210> 14643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14643
Phe Pro Ser Lys Gln Lys Ser Leu Met Ala
1 5 10

<210> 14644
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14644
Ile Ser Ser Tyr Thr Gln Thr Ser Leu Leu
1 5 10

<210> 14645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14645
Leu His Ala Leu Lys Val Pro Ser Ser Leu
1 5 10

<210> 14646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14646
Ala Gln Trp Asp Gly Leu Thr Gly His
1 5

<210> 14647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14647
Lys Glu Ala Gln Trp Asp Gly Leu Thr
1 5

<210> 14648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14648
Ala Gln Trp Asp Gly Leu Thr Gly His Ile
1 5 10

<210> 14649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14649
Leu Ile Lys Glu Ala Gln Trp Asp Gly Leu
1 5 10

<210> 14650
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14650
Phe Met Asn Leu Ile Lys Glu Ala Gln Trp
1 5 10

<210> 14651
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14651
Lys Glu Ala Gln Trp Asp Gly Leu Thr Gly
1 5 10

<210> 14652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14652
Thr Ile Asn Glu Glu Gln Ser Glu Val
1 5

<210> 14653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14653
Glu Glu Gln Ser Glu Val Val Asp Phe
1 5

<210> 14654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14654
Leu Thr Ile Asn Glu Glu Gln Ser Glu Val

1 5 10

<210> 14655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14655
Thr Ile Asn Glu Glu Gln Ser Glu Val Val
1 5 10

<210> 14656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14656
Glu Gln Ser Glu Val Val Asp Phe Ser Val
1 5 10

<210> 14657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14657
Asn Glu Glu Gln Ser Glu Val Val Asp Phe
1 5 10

<210> 14658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14658
Arg Gln Gly Gly Tyr Gly Lys Lys Lys Trp
1 5 10

<210> 14659

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14659
Lys Leu Ile Ser Pro Ser Ser Gln Val
1 5

<210> 14660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14660
Leu Ile Ser Pro Ser Ser Gln Val Phe
1 5

<210> 14661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14661
Leu Ile Ser Pro Ser Ser Gln Val Phe Ile
1 5 10

<210> 14662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14662
Lys Leu Ile Ser Pro Ser Ser Gln Val Phe
1 5 10

<210> 14663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14663
Ala Gln Arg Pro Lys Leu Ile Ser Pro Ser
1 5 10

<210> 14664
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14664
Val Lys Asn Gly Ala Gln Arg Pro Lys Leu
1 5 10

<210> 14665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14665
Leu Ser Asp Lys Ser Cys Tyr Asp Tyr
1 5

<210> 14666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14666
Lys Ser Cys Tyr Asp Tyr Phe Ala Arg
1 5

<210> 14667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14667
Ala Lys Leu Ser Asp Lys Ser Cys Tyr
1 5

<210> 14668
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14668
Leu Ser Asp Lys Ser Cys Tyr Asp Tyr Phe
1 5 10

<210> 14669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14669
Lys Leu Ser Asp Lys Ser Cys Tyr Asp Tyr
1 5 10

<210> 14670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14670
Ser Ala Lys Leu Ser Asp Lys Ser Cys Tyr
1 5 10

<210> 14671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14671
Trp Trp Glu Ser Asn Asn Glu Gln Phe
1 5

<210> 14672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14672
Glu Ile Glu Cys Phe Thr Pro Gln Arg
1 5

<210> 14673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14673
Ser Glu Ile Glu Cys Phe Thr Pro Gln
1 5

<210> 14674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14674
Arg Glu Tyr Gly Glu Trp Trp Glu Ser
1 5

<210> 14675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14675
Glu Gln Phe Gln Trp Lys Ile Arg His
1 5

<210> 14676
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14676
Phe Gln Trp Lys Ile Arg His Val Gly
1 5

<210> 14677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14677
Thr Pro Gln Arg Glu Tyr Gly Glu Trp
1 5

<210> 14678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14678
Glu Ser Asn Asn Glu Gln Phe Gln Trp
1 5

<210> 14679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14679
Glu Trp Trp Glu Ser Asn Asn Glu Gln Phe
1 5 10

<210> 14680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14680
Glu Gln Phe Gln Trp Lys Ile Arg His Val
1 5 10

<210> 14681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14681
Ile Glu Cys Phe Thr Pro Gln Arg Glu Tyr
1 5 10

<210> 14682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14682
Trp Glu Ser Asn Asn Glu Gln Phe Gln Trp
1 5 10

<210> 14683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14683
Phe Gln Trp Lys Ile Arg His Val Gly Pro
1 5 10

<210> 14684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14684
Arg Glu Tyr Gly Glu Trp Trp Glu Ser Asn
1 5 10

<210> 14685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14685
Gly Glu Trp Trp Glu Ser Asn Asn Glu Gln
1 5 10

<210> 14686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14686
Thr Pro Gln Arg Glu Tyr Gly Glu Trp Trp
1 5 10

<210> 14687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14687
Trp Glu Asp Asn Phe Asn Cys Lys Leu
1 5

<210> 14688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14688
Glu Phe Trp Glu Asp Asn Phe Asn Cys Lys
1 5 10

<210> 14689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14689
Ala Glu Phe Trp Glu Asp Asn Phe Asn Cys
1 5 10

<210> 14690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14690
Met Ile Ala Trp Leu Gly Gly Pro Ala
1 5

<210> 14691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14691
Gly Met Ile Ala Trp Leu Gly Gly Pro Ala
1 5 10

<210> 14692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14692
Ala Leu Leu Thr Lys Thr Asn Gln Ile
1 5

<210> 14693
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14693
Leu Thr Lys Thr Asn Gln Ile Tyr Arg
1 5

<210> 14694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14694
Lys Thr Asn Gln Ile Tyr Arg Ile Phe
1 5

<210> 14695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14695
Leu Leu Thr Lys Thr Asn Gln Ile Tyr
1 5

<210> 14696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14696
Gln Ile Tyr Arg Ile Phe Glu Gln Gly Lys
1 5 10

<210> 14697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14697
Leu Thr Lys Thr Asn Gln Ile Tyr Arg Ile
1 5 10

<210> 14698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14698
Lys Thr Asn Gln Ile Tyr Arg Ile Phe Glu
1 5 10

<210> 14699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14699
Ala Leu Leu Thr Lys Thr Asn Gln Ile Tyr
1 5 10

<210> 14700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14700
Leu Leu Thr Lys Thr Asn Gln Ile Tyr Arg
1 5 10

<210> 14701
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14701

Thr Lys Thr Asn Gln Ile Tyr Arg Ile Phe
1 5 10

<210> 14702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14702
Val Gln Lys Cys Lys Arg Ser Phe Lys
1 5

<210> 14703
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14703
Lys Cys Lys Arg Ser Phe Lys Ala Val
1 5

<210> 14704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14704
Cys Lys Arg Ser Phe Lys Ala Val Val
1 5

<210> 14705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14705
Asn Val Gln Lys Cys Lys Arg Ser Phe Lys
1 5 10

<210> 14706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14706
Val Gln Lys Cys Lys Arg Ser Phe Lys Ala
1 5 10

<210> 14707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14707
Lys Cys Lys Arg Ser Phe Lys Ala Val Val
1 5 10

<210> 14708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14708
Ala Leu Leu Leu Glu Thr Glu Asp Val
1 5

<210> 14709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14709
Ile Glu Pro Ile Tyr Ala Leu Leu Leu
1 5

<210> 14710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14710
Leu Glu Thr Glu Asp Val Asn Leu Ala
1 5

<210> 14711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14711
Leu Leu Leu Glu Thr Glu Asp Val Asn Leu
1 5 10

<210> 14712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14712
Leu Glu Thr Glu Asp Val Asn Leu Ala Tyr
1 5 10

<210> 14713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14713
Glu Pro Ile Tyr Ala Leu Leu Leu Glu Thr
1 5 10

<210> 14714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14714
Val Val His Asp Pro Asp Lys Asn Lys
1 5

<210> 14715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14715
Lys Asn Lys Met Lys Leu Lys Val Lys
1 5

<210> 14716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14716
Ala Val Val His Asp Pro Asp Lys Asn Lys
1 5 10

<210> 14717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14717
Lys Asn Lys Met Lys Leu Lys Val Lys Lys
1 5 10

<210> 14718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14718
Arg Met Lys Lys Val Ile Ile Lys Trp

1 5

<210> 14719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14719
Ser Gly Arg Met Lys Lys Val Ile Ile
1 5

<210> 14720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14720
Arg Met Lys Lys Val Ile Ile Lys Trp Ala
1 5 10

<210> 14721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14721
Ser Gly Arg Met Lys Lys Val Ile Ile Lys
1 5 10

<210> 14722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14722
Ala Val Glu Ser Pro Ile Phe Gly Val
1 5

<210> 14723

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14723
Ala Leu Glu Lys Arg Leu Lys Ala Val
1 5

<210> 14724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14724
Arg Leu Lys Ala Val Glu Ser Pro Ile
1 5

<210> 14725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14725
Ser Pro Ile Phe Gly Val Leu Ser Phe
1 5

<210> 14726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14726
Leu Lys Ala Val Glu Ser Pro Ile Phe
1 5

<210> 14727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14727
Val Glu Ser Pro Ile Phe Gly Val Leu
1 5

<210> 14728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14728
Phe Leu Gln Glu Ala Leu Glu Lys Arg Leu
1 5 10

<210> 14729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14729
Lys Ala Val Glu Ser Pro Ile Phe Gly Val
1 5 10

<210> 14730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14730
Arg Leu Lys Ala Val Glu Ser Pro Ile Phe
1 5 10

<210> 14731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14731
Glu Ala Leu Glu Lys Arg Leu Lys Ala Val
1 5 10

<210> 14732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14732
Lys Arg Leu Lys Ala Val Glu Ser Pro Ile
1 5 10

<210> 14733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14733
Val Glu Ser Pro Ile Phe Gly Val Leu Ser
1 5 10

<210> 14734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14734
Gln Glu Ala Leu Glu Lys Arg Leu Lys Ala
1 5 10

<210> 14735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14735
Asn Leu Thr Lys Phe Tyr Cys Thr Val
1 5

<210> 14736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14736
Leu Thr Lys Phe Tyr Cys Thr Val Lys
1 5

<210> 14737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14737
Thr Lys Phe Tyr Cys Thr Val Lys Leu
1 5

<210> 14738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14738
Phe Tyr Cys Thr Val Lys Leu Asp Thr Met
1 5 10

<210> 14739
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14739
Leu Thr Lys Phe Tyr Cys Thr Val Lys Leu
1 5 10

<210> 14740
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14740
Tyr Asn Leu Thr Lys Phe Tyr Cys Thr Val
1 5 10

<210> 14741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14741
Cys Thr Val Lys Leu Asp Thr Met Ile Phe
1 5 10

<210> 14742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14742
Arg Leu Asn Ser Tyr Tyr Ser Trp Tyr
1 5

<210> 14743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14743
Ile Arg Leu Asn Ser Tyr Tyr Ser Trp
1 5

<210> 14744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14744
Val Ile Arg Leu Asn Ser Tyr Tyr Ser
1 5

<210> 14745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14745
Asp Val Ile Arg Leu Asn Ser Tyr Tyr
1 5

<210> 14746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14746
Ala Pro Tyr Val Asp Val Ile Arg Leu
1 5

<210> 14747
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14747
Val Asp Val Ile Arg Leu Asn Ser Tyr
1 5

<210> 14748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14748
Tyr Val Asp Val Ile Arg Leu Asn Ser Tyr
1 5 10

<210> 14749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14749
Arg Leu Asn Ser Tyr Tyr Ser Trp Tyr His
1 5 10

<210> 14750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14750
Asp Val Ile Arg Leu Asn Ser Tyr Tyr Ser
1 5 10

<210> 14751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14751
Val Asp Val Ile Arg Leu Asn Ser Tyr Tyr
1 5 10

<210> 14752
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14752
Val Ile Arg Leu Asn Ser Tyr Tyr Ser Trp
1 5 10

<210> 14753
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14753
Ile Arg Leu Asn Ser Tyr Tyr Ser Trp Tyr
1 5 10

<210> 14754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14754
Cys Val Asn Ser Tyr Tyr Ser Trp Tyr
1 5

<210> 14755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14755
Asp Val Ile Cys Val Asn Ser Tyr Tyr
1 5

<210> 14756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14756
Val Asp Val Ile Cys Val Asn Ser Tyr
1 5

<210> 14757
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14757
Ile Cys Val Asn Ser Tyr Tyr Ser Trp
1 5

<210> 14758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14758
Ala Pro Tyr Val Asp Val Ile Cys Val
1 5

<210> 14759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14759
Tyr Val Asp Val Ile Cys Val Asn Ser Tyr
1 5 10

<210> 14760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14760
Cys Val Asn Ser Tyr Tyr Ser Trp Tyr His
1 5 10

<210> 14761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14761
Asp Val Ile Cys Val Asn Ser Tyr Tyr Ser
1 5 10

<210> 14762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14762
Val Asp Val Ile Cys Val Asn Ser Tyr Tyr
1 5 10

<210> 14763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14763
Ile Cys Val Asn Ser Tyr Tyr Ser Trp Tyr
1 5 10

<210> 14764
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14764
Tyr Val Asp Thr Asp Ile Leu Phe Phe
1 5

<210> 14765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14765

Tyr Val Asp Thr Asp Ile Leu Phe Phe Thr
1 5 10

<210> 14766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14766
Leu Tyr Val Asp Thr Asp Ile Leu Phe Phe
1 5 10

<210> 14767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14767
Ala Pro Gln Ala Arg Gln Gly His Ala
1 5

<210> 14768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14768
Ala Arg Gln Gly His Ala Gly Thr Phe
1 5

<210> 14769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14769
Gly His Ala Gly Thr Phe Gln Cys Trp
1 5

<210> 14770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14770
His Ala Gly Thr Phe Gln Cys Trp Trp
1 5

<210> 14771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14771
Glu Ala Lys Glu Gly Ala Pro Gln Ala Arg
1 5 10

<210> 14772
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14772
Gln Ala Arg Gln Gly His Ala Gly Thr Phe
1 5 10

<210> 14773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14773
Gly Glu Ala Lys Glu Gly Ala Pro Gln Ala
1 5 10

<210> 14774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14774
Arg Gln Gly His Ala Gly Thr Phe Gln Cys
1 5 10

<210> 14775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14775
Ser Leu Ile Gly Lys Lys Gly Gln Arg
1 5

<210> 14776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14776
Lys Ser Leu Ile Gly Lys Lys Gly Gln Arg
1 5 10

<210> 14777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14777
Gly Met Asp Ser Pro Phe Cys Leu Leu
1 5

<210> 14778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14778
Arg Leu Pro Asn His Gly Arg Pro Lys
1 5

<210> 14779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14779
Leu Leu Arg Ala Leu Phe Trp Asp Arg
1 5

<210> 14780
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14780
Ser Pro Phe Cys Leu Leu Arg Ala Leu
1 5

<210> 14781
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14781
Met Gly Gln Gly Met Asp Ser Pro Phe
1 5

<210> 14782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14782
Lys Lys Glu Leu Gln Ile Pro Pro Leu

1 5

<210> 14783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14783
Lys Ser Pro Asn Gln Arg Thr Ala Ile Lys
1 5 10

<210> 14784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14784
Gly Met Asp Ser Pro Phe Cys Leu Leu Arg
1 5 10

<210> 14785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14785
Lys Met Gly Gln Gly Met Asp Ser Pro Phe
1 5 10

<210> 14786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14786
Ser Gly Lys Lys Gly Gly Arg Asn Pro Arg
1 5 10

<210> 14787

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14787
Gly Gly Arg Asn Pro Arg Leu Pro Asn His
1 5 10

<210> 14788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14788
His Gly Arg Pro Lys Ser Pro Asn Gln Arg
1 5 10

<210> 14789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14789
Arg Thr Ala Ile Lys Lys Glu Leu Gln Ile
1 5 10

<210> 14790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14790
Cys Leu Leu Arg Ala Leu Phe Trp Asp Arg
1 5 10

<210> 14791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14791
Arg Pro Lys Ser Pro Asn Gln Arg Thr Ala
1 5 10

<210> 14792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14792
Ile Pro Pro Leu Lys Met Gly Gln Gly Met
1 5 10

<210> 14793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14793
Ser Pro Phe Cys Leu Leu Arg Ala Leu Phe
1 5 10

<210> 14794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14794
Asn Gln Arg Thr Ala Ile Lys Lys Glu Leu
1 5 10

<210> 14795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14795
Ile Lys Lys Glu Leu Gln Ile Pro Pro Leu
1 5 10

<210> 14796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14796
Lys Glu Leu Gln Ile Pro Pro Leu Lys Met
1 5 10

<210> 14797
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14797
Gly Gln Gly Met Asp Ser Pro Phe Cys Leu
1 5 10

<210> 14798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14798
Leu Ala Arg Arg Ile Leu Gly Glu Arg
1 5

<210> 14799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14799
Gln Leu Ala Arg Arg Ile Leu Gly Glu Arg
1 5 10

<210> 14800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14800
Lys Asp Ile Gln Leu Ala Arg Arg Ile Leu
1 5 10

<210> 14801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14801
Arg Leu Asp Asp Val Cys Asn Arg Phe
1 5

<210> 14802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14802
Arg Leu Asp Asp Val Cys Asn Arg Phe Lys
1 5 10

<210> 14803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14803
Cys Leu Thr Asp Phe Gln Ala Asn Ala
1 5

<210> 14804
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14804
Phe Gln Ala Asn Ala Arg Glu Gln Leu
1 5

<210> 14805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14805
Gln Ala Asn Ala Arg Glu Gln Leu Ser Lys
1 5 10

<210> 14806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14806
Cys Leu Thr Asp Phe Gln Ala Asn Ala Arg
1 5 10

<210> 14807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14807
Ile Val Gln Gly His Tyr Arg Glu Phe
1 5

<210> 14808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14808
Pro Thr Ile Val Gln Gly His Tyr Arg
1 5

<210> 14809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14809
Ser Pro Thr Ile Val Gln Gly His Tyr
1 5

<210> 14810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14810
His Tyr Arg Glu Phe Cys Gln Cys Asp Phe
1 5 10

<210> 14811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14811
Thr Ile Val Gln Gly His Tyr Arg Glu Phe
1 5 10

<210> 14812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14812
Arg Glu Ser Pro Thr Ile Val Gln Gly His
1 5 10

<210> 14813
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14813
Lys Val Ile His Phe Lys Lys Ser Lys
1 5

<210> 14814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14814
Pro Ala Lys Lys Val Ile His Phe Lys
1 5

<210> 14815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14815
Ala Lys Lys Val Ile His Phe Lys Lys
1 5

<210> 14816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14816
Leu Pro Ala Lys Lys Val Ile His Phe
1 5

<210> 14817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14817
Ile His Phe Lys Lys Ser Lys Ile Ile
1 5

<210> 14818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14818
Ser Leu Pro Ala Lys Lys Val Ile His Phe
1 5 10

<210> 14819
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14819
Pro Ala Lys Lys Val Ile His Phe Lys Lys
1 5 10

<210> 14820
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14820
Lys Val Ile His Phe Lys Lys Ser Lys Ile
1 5 10

<210> 14821
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14821
Ile His Phe Lys Lys Ser Lys Ile Ile Trp
1 5 10

<210> 14822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14822
Val Val Tyr Pro Trp Thr Gln Arg Leu
1 5

<210> 14823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14823
Arg Leu Phe Glu Ser Phe Gly Asp Leu
1 5

<210> 14824
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14824
Val Tyr Pro Trp Thr Gln Arg Leu Phe
1 5

<210> 14825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14825
Trp Thr Gln Arg Leu Phe Glu Ser Phe
1 5

<210> 14826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14826
Arg Leu Phe Glu Ser Phe Gly Asp Leu Ser
1 5 10

<210> 14827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14827
Val Val Tyr Pro Trp Thr Gln Arg Leu Phe
1 5 10

<210> 14828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14828
Pro Trp Thr Gln Arg Leu Phe Glu Ser Phe
1 5 10

<210> 14829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14829

Leu Val Val Tyr Pro Trp Thr Gln Arg Leu
1 5 10

<210> 14830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14830
Tyr Pro Trp Thr Gln Arg Leu Phe Glu Ser
1 5 10

<210> 14831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14831
Asn Leu Lys Gly Thr Cys Ala Thr Leu
1 5

<210> 14832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14832
Lys Gly Thr Cys Ala Thr Leu Ser Glu Leu
1 5 10

<210> 14833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14833
Val Phe Gln Pro Val Asp Tyr Ile Ile
1 5

<210> 14834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14834
Glu Val Phe Gln Pro Val Asp Tyr Ile
1 5

<210> 14835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14835
Leu Arg Phe Glu Val Phe Gln Pro Val
1 5

<210> 14836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14836
Phe Glu Val Phe Gln Pro Val Asp Tyr
1 5

<210> 14837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14837
Lys Leu Arg Phe Glu Val Phe Gln Pro Val
1 5 10

<210> 14838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14838
Arg Phe Glu Val Phe Gln Pro Val Asp Tyr
1 5 10

<210> 14839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14839
Val Phe Gln Pro Val Asp Tyr Ile Ile Arg
1 5 10

<210> 14840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14840
Glu Val Phe Gln Pro Val Asp Tyr Ile Ile
1 5 10

<210> 14841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14841
Phe Glu Val Phe Gln Pro Val Asp Tyr Ile
1 5 10

<210> 14842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14842
Leu Met Arg Thr Gln Ser Pro Pro Val
1 5

<210> 14843
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14843
Thr Thr Thr Pro Thr Ser Leu Met Arg
1 5

<210> 14844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14844
Ser Thr Thr Thr Pro Thr Ser Leu Met
1 5

<210> 14845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14845
Ser Ser Thr Thr Thr Pro Thr Ser Leu
1 5

<210> 14846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14846
Ser Leu Met Arg Thr Gln Ser Pro Pro Val

1 5 10

<210> 14847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14847
Ser Thr Thr Thr Pro Thr Ser Leu Met Arg
1 5 10

<210> 14848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14848
Leu Met Arg Thr Gln Ser Pro Pro Val Tyr
1 5 10

<210> 14849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14849
Ser Ser Thr Thr Thr Pro Thr Ser Leu Met
1 5 10

<210> 14850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14850
Ala Ser Arg Thr Phe His Tyr Ala Ser
1 5

<210> 14851

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14851
Pro Leu Ala Ser Arg Thr Phe His Tyr
1 5

<210> 14852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14852
Leu Ala Ser Arg Thr Phe His Tyr Ala
1 5

<210> 14853
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14853
Val Gln Ser Pro Leu Ala Ser Arg Thr
1 5

<210> 14854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14854
Pro Leu Ala Ser Arg Thr Phe His Tyr Ala
1 5 10

<210> 14855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14855
Ala Ser Arg Thr Phe His Tyr Ala Ser Pro
1 5 10

<210> 14856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14856
Val Gln Ser Pro Leu Ala Ser Arg Thr Phe
1 5 10

<210> 14857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14857
Ser Pro Leu Ala Ser Arg Thr Phe His Tyr
1 5 10

<210> 14858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14858
Phe Ile Ser Ser Ile Gln Val Asp Tyr
1 5

<210> 14859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14859
Gln Val Asp Tyr Ile Phe Leu Ile Val
1 5

<210> 14860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14860
Ile Gln Val Asp Tyr Ile Phe Leu Ile
1 5

<210> 14861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14861
Ser Ser Ile Gln Val Asp Tyr Ile Phe
1 5

<210> 14862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14862
Val Val Asp Phe Ile Ser Ser Ile Gln Val
1 5 10

<210> 14863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14863
Phe Ile Ser Ser Ile Gln Val Asp Tyr Ile
1 5 10

<210> 14864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14864
Ser Ile Gln Val Asp Tyr Ile Phe Leu Ile
1 5 10

<210> 14865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14865
Ile Gln Val Asp Tyr Ile Phe Leu Ile Val
1 5 10

<210> 14866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14866
Ser Ser Ile Gln Val Asp Tyr Ile Phe Leu
1 5 10

<210> 14867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14867
Ile Ser Ser Ile Gln Val Asp Tyr Ile Phe
1 5 10

<210> 14868
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14868
Phe Thr Pro Asp Cys Trp Val Ser Leu
1 5

<210> 14869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14869
Phe Leu Val Pro Leu Leu Gln Asp Phe Thr
1 5 10

<210> 14870
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14870
Ser Leu Asp Ser Ser Arg His Gln Tyr
1 5

<210> 14871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14871
Ser Ser Arg His Gln Tyr Gln Glu Lys
1 5

<210> 14872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14872
Arg His Gln Tyr Gln Glu Lys Tyr Lys
1 5

<210> 14873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14873
Ile Gln Ser Leu Asp Ser Ser Arg His
1 5

<210> 14874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14874
Ser Arg His Gln Tyr Gln Glu Lys Tyr
1 5

<210> 14875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14875
Gln Ser Leu Asp Ser Ser Arg His Gln Tyr
1 5 10

<210> 14876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14876
Ser Ser Arg His Gln Tyr Gln Glu Lys Tyr
1 5 10

<210> 14877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14877
His Gln Tyr Gln Glu Lys Tyr Lys Gln Val
1 5 10

<210> 14878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14878
Asp Ser Pro Pro Leu Ser Gln Leu Val
1 5

<210> 14879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14879
Ser Pro Pro Leu Ser Gln Leu Val Ile
1 5

<210> 14880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14880
Thr Lys Leu Glu Asp Ser Pro Pro Leu
1 5

<210> 14881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14881
Leu Glu Asp Ser Pro Pro Leu Ser Gln Leu
1 5 10

<210> 14882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14882
Leu Val Ala Thr Gly His Leu Leu Arg
1 5

<210> 14883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14883
Ser Pro Leu Val Ala Thr Gly His Leu
1 5

<210> 14884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14884
Leu Glu Asp Ser Pro Leu Val Ala Thr
1 5

<210> 14885
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14885
Gly Thr Lys Leu Glu Asp Ser Pro Leu Val
1 5 10

<210> 14886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14886
Ser Pro Leu Val Ala Thr Gly His Leu Leu
1 5 10

<210> 14887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14887
Phe Ile Val Asn Leu Ser Leu Ala Tyr
1 5

<210> 14888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14888
Ile Val Asn Leu Ser Leu Ala Tyr Val
1 5

<210> 14889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14889
Asn Leu Ser Leu Ala Tyr Val Leu Val
1 5

<210> 14890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14890
Ser Leu Ala Tyr Val Leu Val Thr Ile
1 5

<210> 14891
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14891
Tyr Val Leu Val Thr Ile Thr Cys Leu
1 5

<210> 14892
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14892
Val Asn Leu Ser Leu Ala Tyr Val Leu
1 5

<210> 14893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14893

Phe Ile Val Asn Leu Ser Leu Ala Tyr Val
1 5 10

<210> 14894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14894
Ser Leu Ala Tyr Val Leu Val Thr Ile Thr
1 5 10

<210> 14895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14895
Tyr Phe Ile Val Asn Leu Ser Leu Ala Tyr
1 5 10

<210> 14896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14896
Ala Tyr Val Leu Val Thr Ile Thr Cys Leu
1 5 10

<210> 14897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14897
Ile Val Asn Leu Ser Leu Ala Tyr Val Leu
1 5 10

<210> 14898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14898
Leu Ser Leu Ala Tyr Val Leu Val Thr Ile
1 5 10

<210> 14899
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14899
Gly Leu Asp Pro Pro Trp Glu Thr Leu
1 5

<210> 14900
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14900
Arg Met Trp Cys Trp Cys His Gln Ala
1 5

<210> 14901
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14901
His Gln Ala Ser Met Pro Trp Arg Ala
1 5

<210> 14902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14902
Ala Ser Leu Pro Arg Met Trp Cys Trp
1 5

<210> 14903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14903
Arg Trp Ser Cys Arg Ser Pro Ala Ser
1 5

<210> 14904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14904
Arg Ser Pro Ala Ser Leu Pro Arg Met
1 5

<210> 14905
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14905
Pro Trp Arg Ala Thr Pro Pro Leu Leu
1 5

<210> 14906
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14906
Leu Ser Thr Trp Arg Pro Ser Glu Arg
1 5

<210> 14907
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14907
Arg Pro Ser Glu Arg Trp Ser Cys Arg
1 5

<210> 14908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14908
Met Pro Trp Arg Ala Thr Pro Pro Leu
1 5

<210> 14909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14909
Trp Ser Cys Arg Ser Pro Ala Ser Leu
1 5

<210> 14910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14910
Trp Cys Trp Cys His Gln Ala Ser Met

1 5

<210> 14911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14911
Trp Cys His Gln Ala Ser Met Pro Trp
1 5

<210> 14912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14912
Phe Thr Gly Gly Leu Asp Pro Pro Trp
1 5

<210> 14913
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14913
Pro Pro Trp Glu Thr Leu Ser Thr Trp
1 5

<210> 14914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14914
Ser Pro Ala Ser Leu Pro Arg Met Trp
1 5

<210> 14915

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14915
Arg Met Trp Cys Trp Cys His Gln Ala Ser
1 5 10

<210> 14916
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14916
Ser Met Pro Trp Arg Ala Thr Pro Pro Leu
1 5 10

<210> 14917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14917
Arg Trp Ser Cys Arg Ser Pro Ala Ser Leu
1 5 10

<210> 14918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14918
Met Trp Cys Trp Cys His Gln Ala Ser Met
1 5 10

<210> 14919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14919
Cys Trp Cys His Gln Ala Ser Met Pro Trp
1 5 10

<210> 14920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14920
Ser Cys Arg Ser Pro Ala Ser Leu Pro Arg
1 5 10

<210> 14921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14921
Thr Leu Ser Thr Trp Arg Pro Ser Glu Arg
1 5 10

<210> 14922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14922
Met Pro Trp Arg Ala Thr Pro Pro Leu Leu
1 5 10

<210> 14923
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14923
Ser Glu Arg Trp Ser Cys Arg Ser Pro Ala
1 5 10

<210> 14924
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14924
Cys Arg Ser Pro Ala Ser Leu Pro Arg Met
1 5 10

<210> 14925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14925
His Gln Ala Ser Met Pro Trp Arg Ala Thr
1 5 10

<210> 14926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14926
Trp Glu Thr Leu Ser Thr Trp Arg Pro Ser
1 5 10

<210> 14927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14927
Asp Pro Pro Trp Glu Thr Leu Ser Thr Trp
1 5 10

<210> 14928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14928
Gln Gln Lys Pro Asn Ile Asn Thr Val
1 5

<210> 14929
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14929
Asn Thr Val Ala Thr Leu Glu Lys Val
1 5

<210> 14930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14930
Lys Pro Asn Ile Asn Thr Val Ala Thr
1 5

<210> 14931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14931
Leu Gln Gln Lys Pro Asn Ile Asn Thr Val
1 5 10

<210> 14932
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14932
Asn Ile Asn Thr Val Ala Thr Leu Glu Lys
1 5 10

<210> 14933
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14933
Asn Thr Val Ala Thr Leu Glu Lys Val Ile
1 5 10

<210> 14934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14934
Lys Pro Asn Ile Asn Thr Val Ala Thr Leu
1 5 10

<210> 14935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14935
Gln Gln Lys Pro Asn Ile Asn Thr Val Ala
1 5 10

<210> 14936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14936
Leu Ala Ser Cys Met Glu Asn Glu Arg
1 5

<210> 14937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14937
Arg Glu Leu Leu Glu Leu Ala Ser Cys
1 5

<210> 14938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14938
Leu Glu Leu Ala Ser Cys Met Glu Asn
1 5

<210> 14939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14939
Glu Leu Ala Ser Cys Met Glu Asn Glu Arg
1 5 10

<210> 14940
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14940
Arg Glu Leu Leu Glu Leu Ala Ser Cys Met
1 5 10

<210> 14941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14941
Ala Leu Glu His Val Ser Ser Ser Leu
1 5

<210> 14942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14942
His Val Ser Ser Ser Leu Arg Leu Arg
1 5

<210> 14943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14943
Ser Ser Ser Leu Arg Leu Arg Thr Arg
1 5

<210> 14944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14944
Ser Leu Arg Leu Arg Thr Arg Thr Arg
1 5

<210> 14945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14945
Leu Ile Gly Lys Gly Ala Ala Lys Phe
1 5

<210> 14946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14946
Ala Lys Phe Ala Arg Cys Ala Thr Ala
1 5

<210> 14947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14947
Lys Phe Ala Arg Cys Ala Thr Ala Leu
1 5

<210> 14948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14948
Phe Leu Ile Gly Lys Gly Ala Ala Lys Phe
1 5 10

<210> 14949
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14949
Lys Phe Leu Ile Gly Lys Gly Ala Ala Lys
1 5 10

<210> 14950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14950
Lys Gly Ala Ala Lys Phe Ala Arg Cys Ala
1 5 10

<210> 14951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14951
Ala Ala Lys Phe Ala Arg Cys Ala Thr Ala
1 5 10

<210> 14952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14952
Ser Ser Leu Arg Leu Arg Thr Arg Thr Arg
1 5 10

<210> 14953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14953
Val Ser Ser Ser Leu Arg Leu Arg Thr Arg
1 5 10

<210> 14954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14954
Thr Ala Leu Glu His Val Ser Ser Ser Leu
1 5 10

<210> 14955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14955
Ser Leu Arg Leu Arg Thr Arg Thr Arg Thr
1 5 10

<210> 14956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14956
Phe Ala Arg Cys Ala Thr Ala Leu Glu His
1 5 10

<210> 14957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14957

His Lys Phe Leu Ile Gly Lys Gly Ala Ala
1 5 10

<210> 14958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14958
Ala Lys Phe Ala Arg Cys Ala Thr Ala Leu
1 5 10

<210> 14959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14959
Leu Glu His Val Ser Ser Ser Leu Arg Leu
1 5 10

<210> 14960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14960
Lys Thr Leu Trp Lys Ala Leu Ala Lys
1 5

<210> 14961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14961
Thr Leu Trp Lys Ala Leu Ala Lys Lys
1 5

<210> 14962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14962
Trp Lys Ala Leu Ala Lys Lys Pro Ala
1 5

<210> 14963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14963
Lys Thr Leu Trp Lys Ala Leu Ala Lys Lys
1 5 10

<210> 14964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14964
Leu Ala Lys Lys Pro Ala Ser Ser Gly Lys
1 5 10

<210> 14965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14965
Ala Lys Lys Pro Ala Ser Ser Gly Lys Leu
1 5 10

<210> 14966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14966
Ala Val His Arg Gly Gly Thr Leu Arg
1 5

<210> 14967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14967
Arg Gly Gly Thr Leu Arg His Pro Arg
1 5

<210> 14968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14968
Gly Thr Leu Arg His Pro Arg Ala Val
1 5

<210> 14969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14969
Arg Thr Pro His Ser His Pro Gln Ala
1 5

<210> 14970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 14970
His Pro Arg Ala Val Pro Ser Ala Ala
1 5

<210> 14971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14971
Leu Ala Val His Arg Gly Gly Thr Leu
1 5

<210> 14972
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14972
Gly Leu Ala Val His Arg Gly Gly Thr Leu
1 5 10

<210> 14973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14973
Arg Gly Gly Thr Leu Arg His Pro Arg Ala
1 5 10

<210> 14974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14974
Leu Ala Val His Arg Gly Gly Thr Leu Arg

1 5 10

<210> 14975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14975
His Pro Arg Ala Val Pro Ser Ala Ala Gly
1 5 10

<210> 14976
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14976
Arg Ala Val Pro Ser Ala Ala Gly Pro Leu
1 5 10

<210> 14977
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14977
Leu Arg His Pro Arg Ala Val Pro Ser Ala
1 5 10

<210> 14978
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14978
Ser Ala Ala Gly Pro Leu Arg Thr Pro His
1 5 10

<210> 14979

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14979
Ala Thr Pro Leu Val Val Ala Ala Ala
1 5

<210> 14980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14980
Ala Ala Ala Ala Pro Glu Glu Arg Lys
1 5

<210> 14981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14981
Thr Pro Leu Val Val Ala Ala Ala Ala
1 5

<210> 14982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14982
Val Ala Ala Ala Ala Pro Glu Glu Arg Lys
1 5 10

<210> 14983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14983
Ala Thr Pro Leu Val Val Ala Ala Ala Ala
1 5 10

<210> 14984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14984
Lys Asn Ser Ser Ala Pro Ile Phe Lys
1 5

<210> 14985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14985
Thr Val Lys Asn Ser Ser Ala Pro Ile
1 5

<210> 14986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14986
Ser Ser Ala Pro Ile Phe Lys Ser Ile
1 5

<210> 14987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 14987
Val Lys Asn Ser Ser Ala Pro Ile Phe
1 5

<210> 14988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14988
Val Thr Val Lys Asn Ser Ser Ala Pro Ile
1 5 10

<210> 14989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14989
Asn Ser Ser Ala Pro Ile Phe Lys Ser Ile
1 5 10

<210> 14990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14990
Thr Val Lys Asn Ser Ser Ala Pro Ile Phe
1 5 10

<210> 14991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14991
His Lys Gln Thr Gly His His Ala Thr
1 5

<210> 14992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14992
Lys Gln Thr Gly His His Ala Thr Leu
1 5

<210> 14993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14993
His Lys Gln Thr Gly His His Ala Thr Leu
1 5 10

<210> 14994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14994
Lys Gln Thr Gly His His Ala Thr Leu Leu
1 5 10

<210> 14995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14995
Phe Ala Gln Gly Thr Ser Ala Pro Leu
1 5

<210> 14996
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14996
Ala Gln Glu Thr Asp Asn Glu Arg Phe
1 5

<210> 14997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14997
Glu Arg Phe Ala Gln Gly Thr Ser Ala
1 5

<210> 14998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14998
Arg Phe Ala Gln Gly Thr Ser Ala Pro Leu
1 5 10

<210> 14999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 14999
Gly Ala Gln Glu Thr Asp Asn Glu Arg Phe
1 5 10

<210> 15000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15000
Asn Glu Arg Phe Ala Gln Gly Thr Ser Ala
1 5 10

<210> 15001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15001
Phe Ala Gln Gly Thr Ser Ala Pro Leu Leu
1 5 10

<210> 15002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15002
Thr Glu Ser Ala Ala Gly Ser Thr Met
1 5

<210> 15003
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15003
Cys Pro Leu Val Thr Glu Ser Ala Ala
1 5

<210> 15004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15004
Val Thr Glu Ser Ala Ala Gly Ser Thr Met
1 5 10

<210> 15005
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15005
Gly Trp Arg Lys Thr Cys Pro Pro Ala
1 5

<210> 15006
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15006
Ile Pro Trp Asp Tyr Cys Pro Ile Tyr
1 5

<210> 15007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15007
Leu Ile Pro Trp Asp Tyr Cys Pro Ile Tyr
1 5 10

<210> 15008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15008
Ile Pro Trp Asp Tyr Cys Pro Ile Tyr Arg
1 5 10

<210> 15009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15009
Lys Met Arg Thr Val Leu Gly Val Ile
1 5

<210> 15010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15010
Glu Gln His Lys Met Arg Thr Val Leu
1 5

<210> 15011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15011
His Lys Met Arg Thr Val Leu Gly Val
1 5

<210> 15012
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15012
Cys Glu Gln His Lys Met Arg Thr Val
1 5

<210> 15013
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15013
Lys Met Arg Thr Val Leu Gly Val Ile Val
1 5 10

<210> 15014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15014
Thr Val Leu Gly Val Ile Val Pro Gly Arg
1 5 10

<210> 15015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15015
Cys Glu Gln His Lys Met Arg Thr Val Leu
1 5 10

<210> 15016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15016
His Lys Met Arg Thr Val Leu Gly Val Ile
1 5 10

<210> 15017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15017
Gly Leu Met Asp His Thr Glu Ser Ala
1 5

<210> 15018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15018
Leu Met Asp His Thr Glu Ser Ala Lys
1 5

<210> 15019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15019
Leu Met Asp His Thr Glu Ser Ala Lys Ile
1 5 10

<210> 15020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15020
Gly Leu Met Asp His Thr Glu Ser Ala Lys
1 5 10

<210> 15021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15021

His Thr Glu Ser Ala Lys Ile Cys Gln Arg
1 5 10

<210> 15022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15022
Thr Glu Ser Ala Lys Ile Cys Gln Arg Trp
1 5 10

<210> 15023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15023
Val Glu Val Phe Ala Gly Gly Arg Trp
1 5

<210> 15024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15024
Glu Val Phe Ala Gly Gly Arg Trp Gly Thr
1 5 10

<210> 15025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15025
Arg Met His Arg Leu Cys Ala Thr Gly
1 5

<210> 15026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15026
Leu Arg Met His Arg Leu Cys Ala Thr
1 5

<210> 15027
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15027
His Arg Leu Cys Ala Thr Gly Glu Trp
1 5

<210> 15028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15028
Tyr Leu Arg Met His Arg Leu Cys Ala Thr
1 5 10

<210> 15029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15029
Met His Arg Leu Cys Ala Thr Gly Glu Trp
1 5 10

<210> 15030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15030
Gln Leu Gln Gln Ala Ser Leu Gly Val
1 5

<210> 15031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15031
Leu Ala Gln Leu Gln Gln Ala Ser Leu
1 5

<210> 15032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15032
Leu Gln Gln Ala Ser Leu Gly Val Asn
1 5

<210> 15033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15033
Ala Gln Leu Gln Gln Ala Ser Leu Gly Val
1 5 10

<210> 15034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15034
Asn Leu Ala Gln Leu Gln Gln Ala Ser Leu
1 5 10

<210> 15035
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15035
Gln Gln Ala Ser Leu Gly Val Asn Gln Ala
1 5 10

<210> 15036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15036
Lys Val Arg Pro Leu Glu His Arg Lys
1 5

<210> 15037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15037
Leu Glu His Arg Lys Tyr Met Leu Lys
1 5

<210> 15038
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15038
Arg Pro Leu Glu His Arg Lys Tyr Met

1 5

<210> 15039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15039
His Arg Lys Tyr Met Leu Lys Ser Leu
1 5

<210> 15040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15040
Lys Val Arg Pro Leu Glu His Arg Lys Tyr
1 5 10

<210> 15041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15041
Glu Thr Lys Val Arg Pro Leu Glu His Arg
1 5 10

<210> 15042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15042
Arg Pro Leu Glu His Arg Lys Tyr Met Leu
1 5 10

<210> 15043

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15043
Glu His Arg Lys Tyr Met Leu Lys Ser Leu
1 5 10

<210> 15044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15044
Ala Thr Asn Ser Pro Ala Lys Pro Lys
1 5

<210> 15045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15045
Lys Lys Ala Thr Asn Ser Pro Ala Lys
1 5

<210> 15046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15046
Lys Ala Thr Asn Ser Pro Ala Lys Pro Lys
1 5 10

<210> 15047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15047
Ala Thr Asn Ser Pro Ala Lys Pro Lys Ala
1 5 10

<210> 15048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15048
Lys Pro Lys Lys Ala Thr Asn Ser Pro Ala
1 5 10

<210> 15049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15049
Ala Leu Lys Lys Val Leu Ala Ala Ala
1 5

<210> 15050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15050
Val Leu Ala Ala Ala Gly Tyr Asp Val
1 5

<210> 15051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15051
Ala Ala Leu Lys Lys Val Leu Ala Ala
1 5

<210> 15052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15052
Lys Lys Val Leu Ala Ala Ala Gly Tyr
1 5

<210> 15053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15053
Lys Val Leu Ala Ala Ala Gly Tyr Asp Val
1 5 10

<210> 15054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15054
Ser Leu Ala Ala Leu Lys Lys Val Leu Ala
1 5 10

<210> 15055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15055
Leu Ala Ala Leu Lys Lys Val Leu Ala Ala
1 5 10

<210> 15056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15056
Leu Lys Lys Val Leu Ala Ala Ala Gly Tyr
1 5 10

<210> 15057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15057
Arg Met Lys Leu Gly Leu Lys Ser Leu
1 5

<210> 15058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15058
Asn Ser Arg Met Lys Leu Gly Leu Lys
1 5

<210> 15059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15059
Met Lys Leu Gly Leu Lys Ser Leu Val
1 5

<210> 15060
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15060
Arg Met Lys Leu Gly Leu Lys Ser Leu Val
1 5 10

<210> 15061
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15061
Tyr Asp Val Glu Lys Asn Asn Ser Arg Met
1 5 10

<210> 15062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15062
Ser Arg Met Lys Leu Gly Leu Lys Ser Leu
1 5 10

<210> 15063
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15063
Ala Ala Ala Ala Lys Lys Pro Lys Lys
1 5

<210> 15064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15064
Ala Ala Lys Ala Lys Lys Pro Ala Ala
1 5

<210> 15065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15065
Ala Lys Lys Pro Ala Ala Ala Ala Lys
1 5

<210> 15066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15066
Lys Ala Lys Lys Pro Ala Ala Ala Ala Lys
1 5 10

<210> 15067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15067
Ala Ala Lys Ala Lys Lys Pro Ala Ala Ala
1 5 10

<210> 15068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15068
Ala Lys Ala Lys Lys Pro Ala Ala Ala Ala
1 5 10

<210> 15069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15069
Lys Thr Pro Val Lys Lys Lys Ala Pro Lys
1 5 10

<210> 15070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15070
Lys Ala Pro Lys Ser Ala Gly Ala Ala Lys
1 5 10

<210> 15071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15071
Lys Lys Ala Pro Lys Ser Ala Gly Ala Ala
1 5 10

<210> 15072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15072
Gly Leu Gln Phe Pro Val Gly Pro Val
1 5

<210> 15073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15073
Phe Pro Val Gly Pro Val His Arg Leu
1 5

<210> 15074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15074
Leu Gln Phe Pro Val Gly Pro Val His
1 5

<210> 15075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15075
Gln Phe Pro Val Gly Pro Val His Arg Leu
1 5 10

<210> 15076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15076
Phe Pro Val Gly Pro Val His Arg Leu Leu
1 5 10

<210> 15077
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15077
Arg Ile Ala Gly Lys Ala Ser Arg Leu
1 5

<210> 15078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15078
Gly Lys Ala Ser Arg Leu Ala His Tyr
1 5

<210> 15079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15079
Asp Ile Phe Glu Arg Ile Ala Gly Lys
1 5

<210> 15080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15080
Arg Ile Ala Gly Lys Ala Ser Arg Leu Ala
1 5 10

<210> 15081
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15081
Lys Ala Ser Arg Leu Ala His Tyr Asn Lys
1 5 10

<210> 15082
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15082
Ala Gly Lys Ala Ser Arg Leu Ala His Tyr
1 5 10

<210> 15083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15083
Asp Ile Phe Glu Arg Ile Ala Gly Lys Ala
1 5 10

<210> 15084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15084
Arg Gly Ser Lys Lys Ala Val Thr Lys
1 5

<210> 15085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15085

Ala Pro Ala Pro Lys Arg Gly Ser Lys
1 5

<210> 15086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15086
Ser Ala Pro Ala Pro Lys Arg Gly Ser Lys
1 5 10

<210> 15087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15087
Ala Pro Lys Arg Gly Ser Lys Lys Ala Val
1 5 10

<210> 15088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15088
Arg Tyr Arg Pro Gly Thr Val Ser Leu
1 5

<210> 15089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15089
Ser Leu Arg Glu Ile Arg Arg Tyr Gln
1 5

<210> 15090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15090
Val Ser Leu Arg Glu Ile Arg Arg Tyr
1 5

<210> 15091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15091
Thr Val Ser Leu Arg Glu Ile Arg Arg
1 5

<210> 15092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15092
His Arg Tyr Arg Pro Gly Thr Val Ser
1 5

<210> 15093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15093
Ser Leu Arg Glu Ile Arg Arg Tyr Gln Lys
1 5 10

<210> 15094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15094
Gly Thr Val Ser Leu Arg Glu Ile Arg Arg
1 5 10

<210> 15095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15095
Arg Tyr Arg Pro Gly Thr Val Ser Leu Arg
1 5 10

<210> 15096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15096
Thr Val Ser Leu Arg Glu Ile Arg Arg Tyr
1 5 10

<210> 15097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15097
Arg Pro Gly Thr Val Ser Leu Arg Glu Ile
1 5 10

<210> 15098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15098
His Arg Tyr Arg Pro Gly Thr Val Ser Leu
1 5 10

<210> 15099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15099
Leu Val Arg Lys Ile Ala Gln Asp Phe
1 5

<210> 15100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15100
Phe Gln Arg Leu Val Arg Lys Ile Ala
1 5

<210> 15101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15101
Lys Leu Pro Phe Gln Arg Leu Val Arg Lys
1 5 10

<210> 15102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15102
Leu Val Arg Lys Ile Ala Gln Asp Phe Lys

1 5 10

<210> 15103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15103
Leu Pro Phe Gln Arg Leu Val Arg Lys Ile
1 5 10

<210> 15104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15104
Arg Leu Val Arg Lys Ile Ala Gln Asp Phe
1 5 10

<210> 15105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15105
Gly Val Met Lys Pro His Arg Tyr Arg
1 5

<210> 15106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15106
Val Met Lys Pro His Arg Tyr Arg Pro
1 5

<210> 15107

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15107
Lys Ser Ala Pro Ala Thr Gly Gly Val Met
1 5 10

<210> 15108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15108
Val Met Lys Pro His Arg Tyr Arg Pro Gly
1 5 10

<210> 15109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15109
Phe Leu Glu Asn Val Ile Pro Asp Ala
1 5

<210> 15110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15110
Val Ile Pro Asp Ala Val Thr Tyr Thr
1 5

<210> 15111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15111
Asn Val Ile Pro Asp Ala Val Thr Tyr
1 5

<210> 15112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15112
Leu Glu Asn Val Ile Pro Asp Ala Val
1 5

<210> 15113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15113
Phe Leu Glu Asn Val Ile Pro Asp Ala Val
1 5 10

<210> 15114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15114
Asn Val Ile Pro Asp Ala Val Thr Tyr Thr
1 5 10

<210> 15115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15115
Ile Pro Asp Ala Val Thr Tyr Thr Glu His
1 5 10

<210> 15116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15116
Leu Glu Asn Val Ile Pro Asp Ala Val Thr
1 5 10

<210> 15117
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15117
Gly Leu Gln Phe Pro Val Gly Pro Val
1 5

<210> 15118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15118
Phe Pro Val Gly Pro Val His Arg Leu
1 5

<210> 15119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15119
Leu Gln Phe Pro Val Gly Pro Val His
1 5

<210> 15120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15120
Gln Phe Pro Val Gly Pro Val His Arg Leu
1 5 10

<210> 15121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15121
Phe Pro Val Gly Pro Val His Arg Leu Leu
1 5 10

<210> 15122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15122
Lys Gln Val His Pro Asp Thr Asp Ile
1 5

<210> 15123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15123
Leu Gln His Pro Pro Ser Thr Ala Pro Leu
1 5 10

<210> 15124
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15124
His Pro Pro Ser Thr Ala Pro Leu Cys Leu
1 5 10

<210> 15125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15125
Ser Met Thr Ile Ser Pro Thr Pro Lys
1 5

<210> 15126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15126
Ser Thr Pro Thr Thr Pro Ser Glu Val
1 5

<210> 15127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15127
Glu Val Ala Thr Pro Ser Met Thr Ile
1 5

<210> 15128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15128
Thr Pro Ser Met Thr Ile Ser Pro Thr
1 5

<210> 15129
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15129
Thr Pro Ser Glu Val Ala Thr Pro Ser
1 5

<210> 15130
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15130
Ser Glu Val Ala Thr Pro Ser Met Thr
1 5

<210> 15131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15131
Pro Ser Met Thr Ile Ser Pro Thr Pro Lys
1 5 10

<210> 15132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15132
Thr Pro Ser Glu Val Ala Thr Pro Ser Met
1 5 10

<210> 15133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15133
Ser Glu Val Ala Thr Pro Ser Met Thr Ile
1 5 10

<210> 15134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15134
Trp Ile Glu Arg Glu Gly Pro Glu Tyr
1 5

<210> 15135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15135
Ile Glu Arg Glu Gly Pro Glu Tyr Trp
1 5

<210> 15136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15136
Pro Trp Ile Glu Arg Glu Gly Pro Glu Tyr
1 5 10

<210> 15137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15137
Gln Thr Asp Arg Glu Ser Leu Arg Lys
1 5

<210> 15138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15138
Ser Leu Arg Lys Leu Arg Gly Tyr Tyr
1 5

<210> 15139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15139
Lys Leu Arg Gly Tyr Tyr Asn Gln Ser
1 5

<210> 15140
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15140
Ser Leu Arg Lys Leu Arg Gly Tyr Tyr Asn
1 5 10

<210> 15141
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15141
Lys Leu Arg Gly Tyr Tyr Asn Gln Ser Glu
1 5 10

<210> 15142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15142
Arg Glu Ser Leu Arg Lys Leu Arg Gly Tyr
1 5 10

<210> 15143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15143
Glu Ser Leu Arg Lys Leu Arg Gly Tyr Tyr
1 5 10

<210> 15144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15144
Arg Leu Pro Lys Phe Ala Asp Trp Ala
1 5

<210> 15145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15145
Asn Thr Arg Val Pro Arg Leu Pro Lys
1 5

<210> 15146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15146
Arg Val Pro Arg Leu Pro Lys Phe Ala
1 5

<210> 15147
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15147
Thr Arg Val Pro Arg Leu Pro Lys Phe
1 5

<210> 15148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15148
His Leu Leu Pro Glu Ala Leu Leu Arg
1 5

<210> 15149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15149

Arg Gly His Cys Ser His His Leu Leu
1 5

<210> 15150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15150
Ser His His Leu Leu Pro Glu Ala Leu
1 5

<210> 15151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15151
Leu Glu Asn Val Leu Cys Gly Val Gly Leu
1 5 10

<210> 15152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15152
His His Arg Gly His Cys Ser His His Leu
1 5 10

<210> 15153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15153
Cys Ser His His Leu Leu Pro Glu Ala Leu
1 5 10

<210> 15154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15154
Glu Leu Gly Glu Ala His Asp Pro Ala
1 5

<210> 15155
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15155
His Asn Tyr Glu Leu Gly Glu Ala His
1 5

<210> 15156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15156
Arg His Asn Tyr Glu Leu Gly Glu Ala His
1 5 10

<210> 15157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15157
Tyr Glu Leu Gly Glu Ala His Asp Pro Ala
1 5 10

<210> 15158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15158
Leu Ile Ile His His Arg Gly Gln Lys
1 5

<210> 15159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15159
Gly Leu Ile Ile His His Arg Gly Gln Lys
1 5 10

<210> 15160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15160
Leu Ile Ile Arg His Arg Ser Gln Lys
1 5

<210> 15161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15161
Arg His Arg Ser Gln Lys Gly Pro Arg
1 5

<210> 15162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15162
Gly Leu Ile Ile Arg His Arg Ser Gln Lys
1 5 10

<210> 15163
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15163
Lys Ser Ser Asn Phe Arg Arg Tyr Lys
1 5

<210> 15164
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15164
Arg Tyr Lys Val Leu Arg Glu Ile Leu
1 5

<210> 15165
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15165
Ser Ser Asn Phe Arg Arg Tyr Lys Val
1 5

<210> 15166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15166
Asn Phe Arg Arg Tyr Lys Val Leu Arg

1 5

<210> 15167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15167
Ser Asn Phe Arg Arg Tyr Lys Val Leu
1 5

<210> 15168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15168
Arg Arg Tyr Lys Val Leu Arg Glu Ile
1 5

<210> 15169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15169
Lys Val Leu Arg Glu Ile Leu Thr Thr Leu
1 5 10

<210> 15170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15170
Lys Ser Ser Asn Phe Arg Arg Tyr Lys Val
1 5 10

<210> 15171

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15171
Ser Ser Asn Phe Arg Arg Tyr Lys Val Leu
1 5 10

<210> 15172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15172
Ser Asn Phe Arg Arg Tyr Lys Val Leu Arg
1 5 10

<210> 15173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15173
Arg Tyr Lys Val Leu Arg Glu Ile Leu Thr
1 5 10

<210> 15174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15174
Phe Arg Arg Tyr Lys Val Leu Arg Glu Ile
1 5 10

<210> 15175
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15175
Arg Arg Tyr Lys Val Leu Arg Glu Ile Leu
1 5 10

<210> 15176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15176
Ala Thr Asn Phe Ser Leu Trp Ser Ala
1 5

<210> 15177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15177
Pro Phe Tyr Ala Thr Asn Phe Ser Leu
1 5

<210> 15178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15178
Phe Tyr Ala Thr Asn Phe Ser Leu Trp
1 5

<210> 15179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15179
Leu Ala Pro Phe Tyr Ala Thr Asn Phe
1 5

<210> 15180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15180
Thr Asn Phe Ser Leu Trp Ser Ala Ala
1 5

<210> 15181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15181
Gly Leu Ala Pro Phe Tyr Ala Thr Asn Phe
1 5 10

<210> 15182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15182
Pro Phe Tyr Ala Thr Asn Phe Ser Leu Trp
1 5 10

<210> 15183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15183
Ala Thr Asn Phe Ser Leu Trp Ser Ala Ala
1 5 10

<210> 15184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15184
Thr Asn Phe Ser Leu Trp Ser Ala Ala Tyr
1 5 10

<210> 15185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15185
Tyr Ala Thr Asn Phe Ser Leu Trp Ser Ala
1 5 10

<210> 15186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15186
Ala Pro Phe Tyr Ala Thr Asn Phe Ser Leu
1 5 10

<210> 15187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15187
Lys Glu Ala Ser Ala Ile Leu Ser Pro
1 5

<210> 15188
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15188
Asp Pro Ile Lys Glu Ala Ser Ala Ile
1 5

<210> 15189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15189
Gln Phe Phe Ala Ser Leu Asp Pro Ile Lys
1 5 10

<210> 15190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15190
Lys Glu Ala Ser Ala Ile Leu Ser Pro Leu
1 5 10

<210> 15191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15191
Asp Pro Ile Lys Glu Ala Ser Ala Ile Leu
1 5 10

<210> 15192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15192
Tyr Leu Pro Gly Ser Phe Ile Tyr Val
1 5

<210> 15193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15193
Ile Tyr Leu Pro Gly Ser Phe Ile Tyr
1 5

<210> 15194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15194
Ala Ile Lys Ile Ala Leu Glu Ile Tyr
1 5

<210> 15195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15195
Glu Ile Tyr Leu Pro Gly Ser Phe Ile
1 5

<210> 15196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15196
Leu Glu Ile Tyr Leu Pro Gly Ser Phe
1 5

<210> 15197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15197
Ile Lys Ile Ala Leu Glu Ile Tyr Leu
1 5

<210> 15198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15198
Tyr Leu Pro Gly Ser Phe Ile Tyr Val Phe
1 5 10

<210> 15199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15199
Ile Tyr Leu Pro Gly Ser Phe Ile Tyr Val
1 5 10

<210> 15200
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15200
Ala Ile Lys Ile Ala Leu Glu Ile Tyr Leu
1 5 10

<210> 15201
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15201
Gly Ala Ile Lys Ile Ala Leu Glu Ile Tyr
1 5 10

<210> 15202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15202
Glu Ile Tyr Leu Pro Gly Ser Phe Ile Tyr
1 5 10

<210> 15203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15203
Ala Leu Glu Ile Tyr Leu Pro Gly Ser Phe
1 5 10

<210> 15204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15204
Leu Glu Ile Tyr Leu Pro Gly Ser Phe Ile
1 5 10

<210> 15205
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15205
Met Glu Phe Glu Asp Arg Asn Ala Ala
1 5

<210> 15206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15206
Met Glu Phe Glu Asp Arg Asn Ala Ala Leu
1 5 10

<210> 15207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15207
Gly Leu Pro Pro Val Ser Thr Leu Met
1 5

<210> 15208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15208
Ser Thr Leu Met Asn Ile His Ser Leu
1 5

<210> 15209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15209
Leu Met Asn Ile His Ser Leu Ser His
1 5

<210> 15210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15210
Met Asn Ile His Ser Leu Ser His His
1 5

<210> 15211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15211
Pro Pro Val Ser Thr Leu Met Asn Ile
1 5

<210> 15212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15212
Thr Leu Met Asn Ile His Ser Leu Ser His
1 5 10

<210> 15213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15213

Leu Met Asn Ile His Ser Leu Ser His His
1 5 10

<210> 15214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15214
Gly Gly Leu Pro Pro Val Ser Thr Leu Met
1 5 10

<210> 15215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15215
Leu Pro Pro Val Ser Thr Leu Met Asn Ile
1 5 10

<210> 15216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15216
Arg Val Tyr Asn Trp Phe Ala Lys Arg
1 5

<210> 15217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15217
Val Tyr Asn Trp Phe Ala Lys Arg Arg
1 5

<210> 15218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15218
Phe Ala Lys Arg Arg Lys Glu Glu Ala
1 5

<210> 15219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15219
Ala Lys Arg Arg Lys Glu Glu Ala Phe
1 5

<210> 15220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15220
Arg Val Tyr Asn Trp Phe Ala Lys Arg Arg
1 5 10

<210> 15221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15221
Glu Val Arg Val Tyr Asn Trp Phe Ala Lys
1 5 10

<210> 15222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15222
Trp Phe Ala Lys Arg Arg Lys Glu Glu Ala
1 5 10

<210> 15223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15223
Phe Ala Lys Arg Arg Lys Glu Glu Ala Phe
1 5 10

<210> 15224
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15224
Leu Glu Glu Glu Leu Lys Lys Gln Met
1 5

<210> 15225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15225
Leu Lys Lys Gln Met Gln His Val His
1 5

<210> 15226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15226
Glu Glu Leu Lys Lys Gln Met Gln His Val
1 5 10

<210> 15227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15227
Phe Val Asn Ser Phe Cys Cys Arg Tyr
1 5

<210> 15228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15228
Cys Arg Tyr Pro Asn Gly Pro Asp Tyr
1 5

<210> 15229
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15229
Tyr Phe Val Asn Ser Phe Cys Cys Arg
1 5

<210> 15230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15230
Tyr Phe Val Asn Ser Phe Cys Cys Arg Tyr

1 5 10

<210> 15231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15231
Cys Cys Arg Tyr Pro Asn Gly Pro Asp Tyr
1 5 10

<210> 15232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15232
Ser Tyr Phe Val Asn Ser Phe Cys Cys Arg
1 5 10

<210> 15233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15233
Cys Phe Arg Leu Ser Gln Thr Tyr Ala
1 5

<210> 15234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15234
Glu Val Pro Val Pro Gly Cys Phe Arg
1 5

<210> 15235

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15235
Val Pro Val Pro Gly Cys Phe Arg Leu
1 5

<210> 15236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15236
Gly Cys Phe Arg Leu Ser Gln Thr Tyr
1 5

<210> 15237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15237
Glu Val Pro Val Pro Gly Cys Phe Arg Leu
1 5 10

<210> 15238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15238
Asn Pro Glu Val Pro Val Pro Gly Cys Phe
1 5 10

<210> 15239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15239
Phe Pro His Ala Pro Pro His Ala His
1 5

<210> 15240
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15240
Ala Gly Phe Pro His Ala Pro Pro His
1 5

<210> 15241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15241
Ala Gly Phe Pro His Ala Pro Pro His Ala
1 5 10

<210> 15242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15242
Phe Pro His Ala Pro Pro His Ala His Ala
1 5 10

<210> 15243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15243
Phe Thr Asp Thr Ile Thr Tyr Arg Asp
1 5

<210> 15244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15244
Arg Ser Phe Thr Asp Thr Ile Thr Tyr
1 5

<210> 15245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15245
Lys Arg Pro Ser Trp Tyr Asn Ile Leu
1 5

<210> 15246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15246
Ile Thr Tyr Arg Asp Ser Arg Phe Leu
1 5

<210> 15247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15247
Thr Tyr Arg Asp Ser Arg Phe Leu Arg
1 5

<210> 15248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15248
Asp Ser Arg Phe Leu Arg Pro Ser Lys
1 5

<210> 15249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15249
Ser Phe Thr Asp Thr Ile Thr Tyr Arg
1 5

<210> 15250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15250
Asp Thr Ile Thr Tyr Arg Asp Ser Arg
1 5

<210> 15251
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15251
Trp Tyr Asn Ile Leu Thr Val Asn Arg
1 5

<210> 15252
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15252
Asn Ile Leu Thr Val Asn Arg Pro Val
1 5

<210> 15253
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15253
Thr Val Asn Arg Pro Val Val Ile Leu
1 5

<210> 15254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15254
Ser Pro Arg Ser Phe Thr Asp Thr Ile
1 5

<210> 15255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15255
Arg Pro Ser Lys Arg Pro Ser Trp Tyr
1 5

<210> 15256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15256
Ser Lys Arg Pro Ser Trp Tyr Asn Ile
1 5

<210> 15257
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15257
Arg Ser Phe Thr Asp Thr Ile Thr Tyr Arg
1 5 10

<210> 15258
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15258
Ile Thr Tyr Arg Asp Ser Arg Phe Leu Arg
1 5 10

<210> 15259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15259
Arg Asp Ser Arg Phe Leu Arg Pro Ser Lys
1 5 10

<210> 15260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15260
Arg Phe Leu Arg Pro Ser Lys Arg Pro Ser
1 5 10

<210> 15261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15261
Val Asn Arg Pro Val Val Ile Leu Ala Arg
1 5 10

<210> 15262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15262
Asp Ser Arg Phe Leu Arg Pro Ser Lys Arg
1 5 10

<210> 15263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15263
Ser Trp Tyr Asn Ile Leu Thr Val Asn Arg
1 5 10

<210> 15264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15264
Thr Val Asn Arg Pro Val Val Ile Leu Ala
1 5 10

<210> 15265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15265
Leu Pro Val Thr Gly Ser Pro Arg Ser Phe
1 5 10

<210> 15266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15266
Ser Pro Arg Ser Phe Thr Asp Thr Ile Thr
1 5 10

<210> 15267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15267
Arg Pro Ser Trp Tyr Asn Ile Leu Thr Val
1 5 10

<210> 15268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15268
Phe Leu Arg Pro Ser Lys Arg Pro Ser Trp
1 5 10

<210> 15269
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15269
Ser Lys Arg Pro Ser Trp Tyr Asn Ile Leu
1 5 10

<210> 15270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15270
Tyr Asn Ile Leu Thr Val Asn Arg Pro Val
1 5 10

<210> 15271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15271
Gly Val Leu Ile Cys Ser Leu His Val
1 5

<210> 15272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15272
Val Leu Ile Cys Ser Leu His Val Leu
1 5

<210> 15273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15273
Ser Leu His Val Leu Gln Thr Thr Ala
1 5

<210> 15274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15274
Val Leu Gln Thr Thr Ala Gly Glu Ala
1 5

<210> 15275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15275
His Leu Arg Glu Arg Pro Gly Val Leu
1 5

<210> 15276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15276
Arg Pro Gly Val Leu Ile Cys Ser Leu
1 5

<210> 15277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15277

Arg Glu Arg Pro Gly Val Leu Ile Cys
1 5

<210> 15278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15278
His Leu Arg Glu Arg Pro Gly Val Leu Ile
1 5 10

<210> 15279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15279
Arg His Leu Arg Glu Arg Pro Gly Val Leu
1 5 10

<210> 15280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15280
Arg Glu Arg Pro Gly Val Leu Ile Cys Ser
1 5 10

<210> 15281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15281
Leu Leu Leu Arg Lys Asp Thr Ser Val
1 5

<210> 15282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15282
Leu Leu Arg Lys Asp Thr Ser Val Lys
1 5

<210> 15283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15283
Arg Gln Ser Pro Lys Arg Leu Leu Leu
1 5

<210> 15284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15284
Arg Leu Leu Leu Arg Lys Asp Thr Ser Val
1 5 10

<210> 15285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15285
Leu Leu Arg Lys Asp Thr Ser Val Lys Ile
1 5 10

<210> 15286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15286
Leu Leu Leu Arg Lys Asp Thr Ser Val Lys
1 5 10

<210> 15287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15287
Arg Gln Ser Pro Lys Arg Leu Leu Leu Arg
1 5 10

<210> 15288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15288
Gln Ser Pro Lys Arg Leu Leu Leu Arg Lys
1 5 10

<210> 15289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15289
Arg Arg Gln Ser Pro Lys Arg Leu Leu Leu
1 5 10

<210> 15290
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15290
Gln Tyr Ile Trp Arg Leu Ser Asn Arg
1 5

<210> 15291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15291
Ser Gln Tyr Ile Trp Arg Leu Ser Asn
1 5

<210> 15292
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15292
Ser Gln Tyr Ile Trp Arg Leu Ser Asn Arg
1 5 10

<210> 15293
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15293
Asn Arg Gln Pro Pro Asp Thr Thr Pro Leu
1 5 10

<210> 15294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15294
Gly Leu Lys Glu Asn Thr Leu Ile Leu

1 5

<210> 15295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15295
Leu Lys Glu Asn Thr Leu Ile Leu Leu
1 5

<210> 15296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15296
Gly Leu Lys Glu Asn Thr Leu Ile Leu Leu
1 5 10

<210> 15297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15297
Arg Ala Ala Gly Leu Lys Glu Asn Thr Leu
1 5 10

<210> 15298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15298
Lys Glu Asn Thr Leu Ile Leu Leu Asp Val
1 5 10

<210> 15299

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15299
Leu Asp Thr Ala Gly Lys Glu Glu Tyr
1 5

<210> 15300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15300
Ala Gly Lys Glu Glu Tyr Ser Ala Met
1 5

<210> 15301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15301
Ile Leu Asp Thr Ala Gly Lys Glu Glu Tyr
1 5 10

<210> 15302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15302
Asp Thr Ala Gly Lys Glu Glu Tyr Ser Ala
1 5 10

<210> 15303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15303
Leu Asp Thr Ala Gly Arg Glu Glu Tyr
1 5

<210> 15304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15304
Ala Gly Arg Glu Glu Tyr Ser Ala Met
1 5

<210> 15305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15305
Ile Leu Asp Thr Ala Gly Arg Glu Glu Tyr
1 5 10

<210> 15306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15306
Ala Gly Arg Glu Glu Tyr Ser Ala Met Arg
1 5 10

<210> 15307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15307
Asp Thr Ala Gly Arg Glu Glu Tyr Ser Ala
1 5 10

<210> 15308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15308
Leu Val Val Val Gly Ala Ser Gly Val
1 5

<210> 15309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15309
Lys Leu Val Val Val Gly Ala Ser Gly Val
1 5 10

<210> 15310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15310
Tyr Lys Leu Val Val Val Gly Ala Ser Gly
1 5 10

<210> 15311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15311
Leu Val Val Val Gly Ala Asp Gly Val
1 5

<210> 15312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15312
Val Val Gly Ala Asp Gly Val Gly Lys
1 5

<210> 15313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15313
Lys Leu Val Val Val Gly Ala Asp Gly Val
1 5 10

<210> 15314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15314
Val Val Val Gly Ala Asp Gly Val Gly Lys
1 5 10

<210> 15315
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15315
Leu Val Val Val Gly Ala Ala Gly Val
1 5

<210> 15316
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15316
Val Val Gly Ala Ala Gly Val Gly Lys
1 5

<210> 15317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15317
Tyr Lys Leu Val Val Val Gly Ala Ala
1 5

<210> 15318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15318
Lys Leu Val Val Val Gly Ala Ala Gly Val
1 5 10

<210> 15319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15319
Val Val Val Gly Ala Ala Gly Val Gly Lys
1 5 10

<210> 15320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15320
Tyr Lys Leu Val Val Val Gly Ala Ala Gly
1 5 10

<210> 15321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15321
Gly Ala Ala Gly Val Gly Lys Ser Ala Leu
1 5 10

<210> 15322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15322
Lys Leu Val Val Val Gly Ala Gly Val
1 5

<210> 15323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15323
Val Val Gly Ala Gly Val Val Gly Lys
1 5

<210> 15324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15324
Lys Leu Val Val Val Gly Ala Gly Val Val
1 5 10

<210> 15325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15325
Val Val Val Gly Ala Gly Val Val Gly Lys
1 5 10

<210> 15326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15326
Tyr Lys Leu Val Val Val Gly Ala Gly Val
1 5 10

<210> 15327
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15327
His Gln Ala Pro Gln Pro Gln Ala Lys
1 5

<210> 15328
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15328
Ala Glu Leu Gly His Gln Ala Pro Gln
1 5

<210> 15329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15329
Gly Leu His His His His Pro Pro Arg
1 5

<210> 15330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15330
Pro Pro Arg His Thr Pro His His Leu
1 5

<210> 15331
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15331
Val Gly Leu His His His His Pro Pro Arg
1 5 10

<210> 15332
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15332
His Pro Pro Arg His Thr Pro His His Leu
1 5 10

<210> 15333
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15333
His His His Pro Pro Arg His Thr Pro His
1 5 10

<210> 15334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15334
Asn Met Pro Pro Ser Met Gly Ser Met
1 5

<210> 15335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15335
Ser Tyr Lys Ala Ser Ser Leu Ser Ser
1 5

<210> 15336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15336
Lys Ala Ser Ser Leu Ser Ser Met Phe
1 5

<210> 15337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15337
Met Pro Pro Ser Met Gly Ser Met Ile
1 5

<210> 15338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15338
Leu Asn Ser Tyr Lys Ala Ser Ser Leu
1 5

<210> 15339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15339
Tyr Lys Ala Ser Ser Leu Ser Ser Met
1 5

<210> 15340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15340
Leu Ser Ser Met Phe Ser Thr Asn Met
1 5

<210> 15341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15341

Phe Ser Thr Asn Met Pro Pro Ser Met
1 5

<210> 15342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15342
Ser Met Phe Ser Thr Asn Met Pro Pro
1 5

<210> 15343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15343
Ser Leu Ser Ser Met Phe Ser Thr Asn Met
1 5 10

<210> 15344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15344
Cys Leu Asn Ser Tyr Lys Ala Ser Ser Leu
1 5 10

<210> 15345
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15345
Ser Met Phe Ser Thr Asn Met Pro Pro Ser
1 5 10

<210> 15346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15346
Asn Met Pro Pro Ser Met Gly Ser Met Ile
1 5 10

<210> 15347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15347
Ser Tyr Lys Ala Ser Ser Leu Ser Ser Met
1 5 10

<210> 15348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15348
Lys Ala Ser Ser Leu Ser Ser Met Phe Ser
1 5 10

<210> 15349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15349
Tyr Lys Ala Ser Ser Leu Ser Ser Met Phe
1 5 10

<210> 15350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15350
Met Phe Ser Thr Asn Met Pro Pro Ser Met
1 5 10

<210> 15351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15351
Thr Asn Met Pro Pro Ser Met Gly Ser Met
1 5 10

<210> 15352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15352
His Ser Gln Arg Gly Ser Gly Ser Arg
1 5

<210> 15353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15353
Ser Gln Ile Glu Ile Glu Ala Val Ala
1 5

<210> 15354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15354
Leu Pro Lys Gly Ser Gln Ile Glu Ile
1 5

<210> 15355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15355
Ala Ala Leu Pro Lys Gly Ser Gln Ile
1 5

<210> 15356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15356
Ser Gln Ile Glu Ile Glu Ala Val Ala Ile
1 5 10

<210> 15357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15357
Ala Leu Pro Lys Gly Ser Gln Ile Glu Ile
1 5 10

<210> 15358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15358
Lys Leu Leu Asn Lys Leu His Lys Tyr

1 5

<210> 15359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15359
His Lys Tyr Phe His Glu Pro Asn Lys
1 5

<210> 15360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15360
Leu Leu Asn Lys Leu His Lys Tyr Phe
1 5

<210> 15361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15361
Lys Leu Leu Asn Lys Leu His Lys Tyr Phe
1 5 10

<210> 15362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15362
Lys Tyr Phe His Glu Pro Asn Lys Lys Phe
1 5 10

<210> 15363

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15363
Leu His Lys Tyr Phe His Glu Pro Asn Lys
1 5 10

<210> 15364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15364
Phe Tyr Gln Met Thr Trp His Asp Phe
1 5

<210> 15365
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15365
Asn Leu Lys Phe Tyr Gln Met Thr Trp
1 5

<210> 15366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15366
Leu Lys Phe Tyr Gln Met Thr Trp His
1 5

<210> 15367
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15367
Tyr Gln Met Thr Trp His Asp Phe Gly
1 5

<210> 15368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15368
Gln Met Thr Trp His Asp Phe Gly Trp
1 5

<210> 15369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15369
Phe Asn Leu Lys Phe Tyr Gln Met Thr Trp
1 5 10

<210> 15370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15370
Lys Phe Tyr Gln Met Thr Trp His Asp Phe
1 5 10

<210> 15371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15371
Tyr Gln Met Thr Trp His Asp Phe Gly Trp
1 5 10

<210> 15372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15372
Ala Glu Asp Glu Ala Gly Arg Ser Ala
1 5

<210> 15373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15373
Arg Ser Ala Val Gly Asp Pro Glu Leu
1 5

<210> 15374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15374
Ala Glu Asp Glu Ala Gly Arg Ser Ala Val
1 5 10

<210> 15375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15375
Gly Arg Ser Ala Val Gly Asp Pro Glu Leu
1 5 10

<210> 15376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15376
Tyr Leu Arg Thr Gly Met Thr Asn Met
1 5

<210> 15377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15377
Ser Ile Val Glu Pro Gly Tyr Leu Arg
1 5

<210> 15378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15378
Tyr Leu Arg Thr Gly Met Thr Asn Met Thr
1 5 10

<210> 15379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15379
Ile Ser Ile Val Glu Pro Gly Tyr Leu Arg
1 5 10

<210> 15380
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15380
Gly Tyr Leu Arg Thr Gly Met Thr Asn Met
1 5 10

<210> 15381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15381
Val Glu Pro Gly Tyr Leu Arg Thr Gly Met
1 5 10

<210> 15382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15382
Ile Leu Trp Trp Glu Val Val Thr Leu
1 5

<210> 15383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15383
Arg Gln Gln Asn Glu Ile Leu Trp Trp
1 5

<210> 15384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15384
Leu Trp Trp Glu Val Val Thr Leu Arg
1 5

<210> 15385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15385
Asn Glu Ile Leu Trp Trp Glu Val Val
1 5

<210> 15386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15386
Trp Glu Val Val Thr Leu Arg Gln Ser
1 5

<210> 15387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15387
Gln Gln Asn Glu Ile Leu Trp Trp Glu Val
1 5 10

<210> 15388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15388
Ile Leu Trp Trp Glu Val Val Thr Leu Arg
1 5 10

<210> 15389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15389
Glu Ile Leu Trp Trp Glu Val Val Thr Leu
1 5 10

<210> 15390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15390
Trp Glu Val Val Thr Leu Arg Gln Ser His
1 5 10

<210> 15391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15391
Asn Glu Ile Leu Trp Trp Glu Val Val Thr
1 5 10

<210> 15392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15392
Asp Val Tyr Val Gly Tyr Glu Ser Leu
1 5

<210> 15393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15393
Tyr Val Gly Tyr Glu Ser Leu Glu Leu Ala
1 5 10

<210> 15394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15394
Val Tyr Val Gly Tyr Glu Ser Leu Glu Leu
1 5 10

<210> 15395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15395
Lys Val Lys Val Lys Val Cys Val Asn
1 5

<210> 15396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15396
Lys Val Lys Val Cys Val Asn Ile His
1 5

<210> 15397
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15397
Val Cys Val Asn Ile His Gly Ile Phe
1 5

<210> 15398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15398
Cys Val Asn Ile His Gly Ile Phe Ser Val
1 5 10

<210> 15399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15399
Ser Ser Lys Val Lys Val Lys Val Cys Val
1 5 10

<210> 15400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15400
Lys Val Lys Val Lys Val Cys Val Asn Ile
1 5 10

<210> 15401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15401
Lys Val Lys Val Cys Val Asn Ile His Gly
1 5 10

<210> 15402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15402
Val Lys Val Cys Val Asn Ile His Gly Ile
1 5 10

<210> 15403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15403
Lys Val Cys Val Asn Ile His Gly Ile Phe
1 5 10

<210> 15404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15404
His Leu Ala Leu Val Glu Glu Ala Ile
1 5

<210> 15405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15405

Leu Glu Glu Asp His Leu Ala Leu Val
1 5

<210> 15406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15406
Ala Leu Val Glu Glu Ala Ile Thr Arg Met
1 5 10

<210> 15407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15407
Ile Glu Leu Glu Glu Asp His Leu Ala Leu
1 5 10

<210> 15408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15408
Leu Gln Asp Asp Leu Lys Val Phe Lys
1 5

<210> 15409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15409
Gly Leu Gln Asp Asp Leu Lys Val Phe
1 5

<210> 15410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15410
Pro Val Phe Gly Leu Gln Asp Asp Leu Lys
1 5 10

<210> 15411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15411
Gly Leu Gln Asp Asp Leu Lys Val Phe Lys
1 5 10

<210> 15412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15412
Ile Pro Val Phe Gly Leu Gln Asp Asp Leu
1 5 10

<210> 15413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15413
Phe Gly Leu Gln Asp Asp Leu Lys Val Phe
1 5 10

<210> 15414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15414
Leu Lys Val Phe Lys Glu Gly Ser Cys Leu
1 5 10

<210> 15415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15415
Val Val Met Cys Arg His Pro Leu Val
1 5

<210> 15416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15416
Ile Gln Phe Asn Val Val Met Cys Arg
1 5

<210> 15417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15417
Val Met Cys Arg His Pro Leu Val Tyr
1 5

<210> 15418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15418
Met Cys Arg His Pro Leu Val Tyr Val
1 5

<210> 15419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15419
Asn Val Val Met Cys Arg His Pro Leu
1 5

<210> 15420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15420
Val Met Cys Arg His Pro Leu Val Tyr Val
1 5 10

<210> 15421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15421
Val Val Met Cys Arg His Pro Leu Val Tyr
1 5 10

<210> 15422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15422
Gln Ile Gln Phe Asn Val Val Met Cys Arg

1 5 10

<210> 15423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15423
Asn Val Val Met Cys Arg His Pro Leu Val
1 5 10

<210> 15424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15424
Ala Gln Ile Gln Phe Asn Val Val Met Cys
1 5 10

<210> 15425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15425
Ile Gln Phe Asn Val Val Met Cys Arg His
1 5 10

<210> 15426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15426
Phe Asn Val Val Met Cys Arg His Pro Leu
1 5 10

<210> 15427

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15427
Cys Thr Arg Lys Cys Val Ser Asn Val
1 5

<210> 15428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15428
His Met Glu Tyr Thr Leu Cys Thr Arg
1 5

<210> 15429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15429
Tyr Thr Leu Cys Thr Arg Lys Cys Val
1 5

<210> 15430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15430
Arg His Met Glu Tyr Thr Leu Cys Thr
1 5

<210> 15431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15431
His Met Glu Tyr Thr Leu Cys Thr Arg Lys
1 5 10

<210> 15432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15432
Cys Thr Arg Lys Cys Val Ser Asn Val Met
1 5 10

<210> 15433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15433
Met Glu Tyr Thr Leu Cys Thr Arg Lys Cys
1 5 10

<210> 15434
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15434
Val Leu Cys Cys Ile Pro Phe Phe Leu
1 5

<210> 15435
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15435
Cys Ile Pro Phe Phe Leu Thr Glu Leu
1 5

<210> 15436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15436
Val Phe Val Leu Cys Cys Ile Pro Phe
1 5

<210> 15437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15437
Phe Val Leu Cys Cys Ile Pro Phe Phe
1 5

<210> 15438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15438
Phe Val Leu Cys Cys Ile Pro Phe Phe Leu
1 5 10

<210> 15439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15439
Cys Ile Pro Phe Phe Leu Thr Glu Leu Ile
1 5 10

<210> 15440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15440
Val Phe Val Leu Cys Cys Ile Pro Phe Phe
1 5 10

<210> 15441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15441
Gly Val Phe Val Leu Cys Cys Ile Pro Phe
1 5 10

<210> 15442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15442
Gly Ile Arg Asp Gly Asp Ile Ile Val Lys
1 5 10

<210> 15443
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15443
Tyr Leu Tyr Pro Asn Cys His Asn Tyr
1 5

<210> 15444
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15444
Tyr Pro Asn Cys His Asn Tyr Asn Val
1 5

<210> 15445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15445
Gly Leu Trp Gly Tyr Tyr Leu Tyr Pro Asn
1 5 10

<210> 15446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15446
Tyr Leu Tyr Pro Asn Cys His Asn Tyr Asn
1 5 10

<210> 15447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15447
Tyr Tyr Leu Tyr Pro Asn Cys His Asn Tyr
1 5 10

<210> 15448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15448
Leu Tyr Pro Asn Cys His Asn Tyr Asn Val
1 5 10

<210> 15449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15449
Tyr Pro Asn Cys His Asn Tyr Asn Val Tyr
1 5 10

<210> 15450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15450
Glu Ile Arg Leu Pro Leu Gln Ile Lys
1 5

<210> 15451
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15451
Arg Glu Ile Arg Leu Pro Leu Gln Ile
1 5

<210> 15452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15452
Gln Ile Lys Gly Glu Gly Met Gly Pro Lys
1 5 10

<210> 15453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15453
Leu Pro Leu Gln Ile Lys Gly Glu Gly Met
1 5 10

<210> 15454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15454
Arg Gln Ile Gln Gln Leu Phe Trp Met
1 5

<210> 15455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15455
Lys Leu Ile Asn Lys Gly Arg Gln Ile
1 5

<210> 15456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15456
Lys Gly Arg Gln Ile Gln Gln Leu Phe
1 5

<210> 15457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15457
Lys Gly Arg Gln Ile Gln Gln Leu Phe Trp
1 5 10

<210> 15458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15458
Phe Lys Leu Ile Asn Lys Gly Arg Gln Ile
1 5 10

<210> 15459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15459
Asn Lys Gly Arg Gln Ile Gln Gln Leu Phe
1 5 10

<210> 15460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15460
Arg Gln Ile Gln Gln Leu Phe Trp Met Asn
1 5 10

<210> 15461
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15461
Leu Asn Asp Thr Glu Leu Ile Cys Tyr
1 5

<210> 15462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15462
Thr Glu Leu Ile Cys Tyr Val Thr Ile
1 5

<210> 15463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15463
Ile Leu Asn Asp Thr Glu Leu Ile Cys Tyr
1 5 10

<210> 15464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15464
Asp Thr Glu Leu Ile Cys Tyr Val Thr Ile
1 5 10

<210> 15465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15465
Thr Glu Leu Ile Cys Tyr Val Thr Ile Thr
1 5 10

<210> 15466
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15466
Met Val Leu Asn Tyr Ser Cys Ser Leu
1 5

<210> 15467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15467
Val Leu Asn Tyr Ser Cys Ser Leu Ala
1 5

<210> 15468
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15468
Tyr Ser Cys Ser Leu Ala Glu Asp Phe
1 5

<210> 15469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15469

Gly Met Val Leu Asn Tyr Ser Cys Ser Leu
1 5 10

<210> 15470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15470
Met Val Leu Asn Tyr Ser Cys Ser Leu Ala
1 5 10

<210> 15471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15471
Asn Tyr Ser Cys Ser Leu Ala Glu Asp Phe
1 5 10

<210> 15472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15472
Val Ile Val Cys Ser Phe Ala Pro Ile
1 5

<210> 15473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15473
Cys Ser Phe Ala Pro Ile Leu Pro His
1 5

<210> 15474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15474
Ile Leu Asp Val Ile Val Cys Ser Phe
1 5

<210> 15475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15475
Ile Leu Asp Val Ile Val Cys Ser Phe Ala
1 5 10

<210> 15476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15476
Val Ile Val Cys Ser Phe Ala Pro Ile Leu
1 5 10

<210> 15477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15477
Asp Val Ile Val Cys Ser Phe Ala Pro Ile
1 5 10

<210> 15478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15478
Glu Ile Leu Asp Val Ile Val Cys Ser Phe
1 5 10

<210> 15479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15479
Cys Ser Phe Ala Pro Ile Leu Pro His Leu
1 5 10

<210> 15480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15480
Phe Leu Leu Glu Cys Asp Arg Ser Val
1 5

<210> 15481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15481
Arg Ser Val Gln Gly Ala Leu Gln Lys
1 5

<210> 15482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15482
Leu Glu Cys Asp Arg Ser Val Gln Gly Ala
1 5 10

<210> 15483
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15483
Phe Leu Leu Glu Glu Lys Ser Leu Leu
1 5

<210> 15484
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15484
Leu Leu Glu Glu Lys Ser Leu Leu Leu
1 5

<210> 15485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15485
Ser Leu Leu Leu Ala Ile Val Gln Ala
1 5

<210> 15486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15486
Leu Leu Leu Ala Ile Val Gln Ala Ile

1 5

<210> 15487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15487
Ala Ile Met Ser Lys Lys Phe Leu Leu
1 5

<210> 15488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15488
Phe Leu Leu Lys Glu Leu Lys Ile Leu
1 5

<210> 15489
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15489
Lys Leu Ser Asp Ala Leu Pro Met Val
1 5

<210> 15490
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15490
Leu Leu Ala Ile Val Gln Ala Ile Met
1 5

<210> 15491

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15491
Ala Ile Val Gln Ala Ile Met Ser Lys
1 5

<210> 15492
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15492
Ile Val Gln Ala Ile Met Ser Lys Lys
1 5

<210> 15493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15493
Ile Met Ser Lys Lys Phe Leu Leu Lys
1 5

<210> 15494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15494
Lys Phe Leu Leu Lys Glu Leu Lys Ile
1 5

<210> 15495
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15495
Ala Thr Ile Phe Gln Ile Tyr His Phe
1 5

<210> 15496
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15496
Glu Leu Lys Ile Leu Arg His Gln Lys
1 5

<210> 15497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15497
Leu Leu Lys Glu Leu Lys Ile Leu Arg
1 5

<210> 15498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15498
Val Pro Gln Asp Gln Lys Ala Thr Ile
1 5

<210> 15499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15499
Val Gln Ala Ile Met Ser Lys Lys Phe
1 5

<210> 15500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15500
Ser Lys Lys Phe Leu Leu Lys Glu Leu
1 5

<210> 15501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15501
Leu Lys Ile Leu Arg His Gln Lys Leu
1 5

<210> 15502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15502
Arg His Gln Lys Leu Ser Asp Ala Leu
1 5

<210> 15503
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15503
Gln Lys Leu Ser Asp Ala Leu Pro Met
1 5

<210> 15504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15504
Gln Lys Ala Thr Ile Phe Gln Ile Tyr
1 5

<210> 15505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15505
Glu Glu Lys Ser Leu Leu Leu Ala Ile
1 5

<210> 15506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15506
Leu Glu Glu Lys Ser Leu Leu Leu Ala
1 5

<210> 15507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15507
Phe Leu Leu Glu Glu Lys Ser Leu Leu Leu
1 5 10

<210> 15508
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15508
Ser Leu Leu Leu Ala Ile Val Gln Ala Ile
1 5 10

<210> 15509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15509
Leu Leu Leu Ala Ile Val Gln Ala Ile Met
1 5 10

<210> 15510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15510
Leu Leu Glu Glu Lys Ser Leu Leu Leu Ala
1 5 10

<210> 15511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15511
Ala Ile Val Gln Ala Ile Met Ser Lys Lys
1 5 10

<210> 15512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15512
Ala Ile Met Ser Lys Lys Phe Leu Leu Lys
1 5 10

<210> 15513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15513
Leu Ala Ile Val Gln Ala Ile Met Ser Lys
1 5 10

<210> 15514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15514
Ile Val Gln Ala Ile Met Ser Lys Lys Phe
1 5 10

<210> 15515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15515
Lys Ala Thr Ile Phe Gln Ile Tyr His Phe
1 5 10

<210> 15516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15516
Lys Ser Leu Leu Leu Ala Ile Val Gln Ala
1 5 10

<210> 15517
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15517
Met Ser Lys Lys Phe Leu Leu Lys Glu Leu
1 5 10

<210> 15518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15518
Asp Gln Lys Ala Thr Ile Phe Gln Ile Tyr
1 5 10

<210> 15519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15519
Val Pro Gln Asp Gln Lys Ala Thr Ile Phe
1 5 10

<210> 15520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15520
Glu Leu Lys Ile Leu Arg His Gln Lys Leu
1 5 10

<210> 15521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15521
His Gln Lys Leu Ser Asp Ala Leu Pro Met
1 5 10

<210> 15522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15522
Arg Asp Phe Leu Leu Glu Glu Lys Ser Leu
1 5 10

<210> 15523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15523
Leu Glu Glu Lys Ser Leu Leu Leu Ala Ile
1 5 10

<210> 15524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15524
Val Gln Ala Ile Met Ser Lys Lys Phe Leu
1 5 10

<210> 15525
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15525
Lys Lys Phe Leu Leu Lys Glu Leu Lys Ile
1 5 10

<210> 15526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15526
Leu Arg His Gln Lys Leu Ser Asp Ala Leu
1 5 10

<210> 15527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15527
Glu Glu Lys Ser Leu Leu Leu Ala Ile Val
1 5 10

<210> 15528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15528
Leu Pro Met Val Pro Gln Asp Gln Lys Ala
1 5 10

<210> 15529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15529
Gly Phe Gln Lys Arg Leu Thr Ala Lys
1 5

<210> 15530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15530
Cys Gly Phe Gln Lys Arg Leu Thr Ala Lys
1 5 10

<210> 15531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15531
Pro Ile Ile Ile Gly Gly His Ala Tyr
1 5

<210> 15532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15532
Gly Gly His Ala Tyr Gly Asp Gln Tyr
1 5

<210> 15533
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15533

Lys Pro Ile Ile Ile Gly Gly His Ala Tyr
1 5 10

<210> 15534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15534
Ile Gly Gly His Ala Tyr Gly Asp Gln Tyr
1 5 10

<210> 15535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15535
Pro Ile Ile Ile Gly Cys His Ala Tyr
1 5

<210> 15536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15536
Gly Cys His Ala Tyr Gly Asp Gln Tyr
1 5

<210> 15537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15537
Lys Pro Ile Ile Ile Gly Cys His Ala Tyr
1 5 10

<210> 15538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15538
Ile Gly Cys His Ala Tyr Gly Asp Gln Tyr
1 5 10

<210> 15539
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15539
Pro Ile Ile Ile Gly His His Ala Tyr
1 5

<210> 15540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15540
Gly His His Ala Tyr Gly Asp Gln Tyr
1 5

<210> 15541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15541
Lys Pro Ile Ile Ile Gly His His Ala Tyr
1 5 10

<210> 15542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15542
Ile Gly His His Ala Tyr Gly Asp Gln Tyr
1 5 10

<210> 15543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15543
Ile Gln Asn Ile Leu Gly Gly Thr Val
1 5

<210> 15544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15544
Gln Asn Ile Leu Gly Gly Thr Val Phe
1 5

<210> 15545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15545
Ser Pro Asn Gly Thr Ile Gln Asn Ile
1 5

<210> 15546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15546
Thr Ile Gln Asn Ile Leu Gly Gly Thr Val
1 5 10

<210> 15547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15547
Ser Pro Asn Gly Thr Ile Gln Asn Ile Leu
1 5 10

<210> 15548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15548
Ile Gln Asn Ile Leu Gly Gly Thr Val Phe
1 5 10

<210> 15549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15549
Trp Thr Lys Pro Ile Thr Ile Gly Lys
1 5

<210> 15550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15550
Lys His Ala His Gly Asp Gln Tyr Lys

1 5

<210> 15551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15551
Gly Lys His Ala His Gly Asp Gln Tyr
1 5

<210> 15552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15552
Ile Gly Lys His Ala His Gly Asp Gln Tyr
1 5 10

<210> 15553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15553
Asn Pro Arg Pro Pro His Val Gln Leu
1 5

<210> 15554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15554
Phe Gln Val Asn Asn Pro Arg Pro Pro
1 5

<210> 15555

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15555
Thr Ala Arg Phe Gln Val Asn Asn Pro Arg
1 5 10

<210> 15556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15556
Gln Val Asn Asn Pro Arg Pro Pro His Val
1 5 10

<210> 15557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15557
Asn Pro Arg Pro Pro His Val Gln Leu Leu
1 5 10

<210> 15558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15558
Phe Gln Val Asn Asn Pro Arg Pro Pro His
1 5 10

<210> 15559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15559
His Leu Val Gln Val Asp Ala Ala Arg
1 5

<210> 15560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15560
Val Gln Val Asp Ala Ala Arg Ala Leu
1 5

<210> 15561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15561
Ala Glu Ala Pro His Leu Val Gln Val
1 5

<210> 15562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15562
His Leu Val Gln Val Asp Ala Ala Arg Ala
1 5 10

<210> 15563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15563
Ala Pro His Leu Val Gln Val Asp Ala Ala
1 5 10

<210> 15564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15564
Val Gln Val Asp Ala Ala Arg Ala Leu Trp
1 5 10

<210> 15565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15565
Thr Pro Ala Ala Thr Pro Gly Ala Ala
1 5

<210> 15566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15566
Thr Pro Ala Ala Thr Pro Gly Ala Ala Cys
1 5 10

<210> 15567
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15567
Ala Leu His Glu Met Ile Gln Gln Thr
1 5

<210> 15568
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15568
Ala Ile Ser Ala Leu His Glu Met Ile
1 5

<210> 15569
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15569
Lys Ala Gln Ala Ile Ser Ala Leu His
1 5

<210> 15570
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15570
Gln Ala Ile Ser Ala Leu His Glu Met
1 5

<210> 15571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15571
Gln Lys Ala Gln Ala Ile Ser Ala Leu
1 5

<210> 15572
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15572
Phe Gln Lys Ala Gln Ala Ile Ser Ala Leu
1 5 10

<210> 15573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15573
Gln Ala Ile Ser Ala Leu His Glu Met Ile
1 5 10

<210> 15574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15574
Ala Gln Ala Ile Ser Ala Leu His Glu Met
1 5 10

<210> 15575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15575
Ala Leu His Glu Met Ile Gln Gln Thr Phe
1 5 10

<210> 15576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15576
Lys Ala Gln Ala Ile Ser Val Phe His
1 5

<210> 15577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15577
Gln Ala Ile Ser Val Phe His Glu Met
1 5

<210> 15578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15578
Gln Lys Ala Gln Ala Ile Ser Val Phe
1 5

<210> 15579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15579
Ala Gln Ala Ile Ser Val Phe His Glu Met
1 5 10

<210> 15580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15580
Val Phe His Glu Met Ile Gln Gln Thr Phe
1 5 10

<210> 15581
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15581
Gln Ala Ile Ser Val Phe His Glu Met Ile
1 5 10

<210> 15582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15582
Phe Gln Lys Ala Gln Ala Ile Ser Val Phe
1 5 10

<210> 15583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15583
Gln Ser Glu Pro Arg Leu Phe Val Cys Lys
1 5 10

<210> 15584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15584
Glu Pro Arg Leu Phe Val Cys Lys Ala Val
1 5 10

<210> 15585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15585
Ser Glu Pro Arg Leu Phe Val Cys Lys Ala
1 5 10

<210> 15586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15586
Cys Tyr Arg Lys Gly Asn Thr Phe Met
1 5

<210> 15587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15587
Lys Gly Asn Thr Phe Met Lys Ala Val
1 5

<210> 15588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15588
Asn Thr Phe Met Lys Ala Val Glu Leu
1 5

<210> 15589
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15589
Cys Tyr Arg Lys Gly Asn Thr Phe Met Lys
1 5 10

<210> 15590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15590
Thr Phe Met Lys Ala Val Glu Leu Ala Arg
1 5 10

<210> 15591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15591
Asn Thr Phe Met Lys Ala Val Glu Leu Ala
1 5 10

<210> 15592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15592
Leu Glu Cys Tyr Arg Lys Gly Asn Thr Phe
1 5 10

<210> 15593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15593
Arg Lys Gly Asn Thr Phe Met Lys Ala Val
1 5 10

<210> 15594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15594
Arg Thr Lys Asp Val Ile Asp Met Tyr
1 5

<210> 15595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15595
Asp Val Ile Asp Met Tyr Thr Gln Ala
1 5

<210> 15596
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15596
Arg Thr Lys Asp Val Ile Asp Met Tyr Thr
1 5 10

<210> 15597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15597

Ser Ser Gln Ala Arg Gln Ile Asp Phe
1 5

<210> 15598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15598
Gly Ser Ser Gln Ala Arg Gln Ile Asp Phe
1 5 10

<210> 15599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15599
Lys Met Asn Phe Thr Gly Gly Gly His
1 5

<210> 15600
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15600
Met Asn Phe Thr Gly Gly Gly His Leu
1 5

<210> 15601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15601
Lys Met Asn Phe Thr Gly Gly Gly His Leu
1 5 10

<210> 15602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15602
Leu Lys Met Asn Phe Thr Gly Gly Gly His
1 5 10

<210> 15603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15603
Ala Val Ile Cys Asp Ser Ser Thr Val
1 5

<210> 15604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15604
Ser Thr Val Asn Asn His Ala Phe Leu
1 5

<210> 15605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15605
Ser Ser Thr Val Asn Asn His Ala Phe
1 5

<210> 15606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15606
Ser Thr Val Asn Asn His Ala Phe Leu Lys
1 5 10

<210> 15607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15607
Asp Ser Ser Thr Val Asn Asn His Ala Phe
1 5 10

<210> 15608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15608
Gln Ile Ile Val Pro Leu Asn Asn Arg
1 5

<210> 15609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15609
Asp Ile Val Glu Arg Asn Ile Gln Ile
1 5

<210> 15610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15610
Val Glu Arg Asn Ile Gln Ile Ile Val
1 5

<210> 15611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15611
Arg Asn Ile Gln Ile Ile Val Pro Leu
1 5

<210> 15612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15612
Glu Ile Glu Arg Glu Arg Ala Ser Arg
1 5

<210> 15613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15613
Arg Glu Val Pro Gly Ser Cys Gln Gly
1 5

<210> 15614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15614
Thr Glu Arg Trp Ser Glu Gln Arg Leu

1 5

<210> 15615
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15615
Arg Gln Gln Glu Ile Glu Arg Glu Arg Ala
1 5 10

<210> 15616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15616
Ile Glu Arg Glu Arg Ala Ser Arg Glu Val
1 5 10

<210> 15617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15617
Arg Glu Val Pro Gly Ser Cys Gln Gly Thr
1 5 10

<210> 15618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15618
Lys Gly Asn Leu Arg Arg His Ile Lys
1 5

<210> 15619

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15619
Ser Phe Thr Gln Lys Gly Asn Leu Arg
1 5

<210> 15620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15620
Phe Thr Gln Lys Gly Asn Leu Arg Arg
1 5

<210> 15621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15621
Ala Ser Phe Thr Gln Lys Gly Asn Leu Arg
1 5 10

<210> 15622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15622
Lys Gly Asn Leu Arg Arg His Ile Lys Leu
1 5 10

<210> 15623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15623
Ser Phe Thr Gln Lys Gly Asn Leu Arg Arg
1 5 10

<210> 15624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15624
Asn Leu Arg Arg His Ile Lys Leu His Thr
1 5 10

<210> 15625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15625
Thr Gln Lys Gly Asn Leu Arg Arg His Ile
1 5 10

<210> 15626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15626
Gly Gln Gly Trp Pro Gly Pro Leu Ala
1 5

<210> 15627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15627
Arg Lys Gly Gln Gly Trp Pro Gly Pro Leu
1 5 10

<210> 15628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15628
Trp Pro Gly Pro Leu Ala Pro Gly Pro His
1 5 10

<210> 15629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15629
Gly Leu Gly His Asp Gly Val Arg Val
1 5

<210> 15630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15630
Arg Ala Ala Pro Gln Gly Pro Pro Arg
1 5

<210> 15631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15631
Arg Gly Gly Arg Gly Ala Gly Pro Arg
1 5

<210> 15632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15632
Arg Val Arg Gly Ala Gln Cys Met Arg
1 5

<210> 15633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15633
Gly Pro Arg Glu Ala Gly Pro Ala Thr
1 5

<210> 15634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15634
Val Arg Val Arg Gly Ala Gln Cys Met
1 5

<210> 15635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15635
Glu Glu Pro Pro Ala Ala Ala Ala Phe
1 5

<210> 15636
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15636
Arg Glu Ala Gly Pro Ala Thr Leu Ser
1 5

<210> 15637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15637
Ile Ser Arg Ser Ser Pro Gln Pro Pro Arg
1 5 10

<210> 15638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15638
Gly Val Arg Val Arg Gly Ala Gln Cys Met
1 5 10

<210> 15639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15639
Arg Val Arg Gly Ala Gln Cys Met Arg Ala
1 5 10

<210> 15640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15640
Gly Pro Arg Glu Ala Gly Pro Ala Thr Leu
1 5 10

<210> 15641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15641
Ala Pro Gln Gly Pro Pro Arg Ser Gln Leu
1 5 10

<210> 15642
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15642
Ala Ala Phe Pro Pro Ala Ala Glu Glu Leu
1 5 10

<210> 15643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15643
Glu Glu Leu Gly Leu Gly His Asp Gly Val
1 5 10

<210> 15644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15644
Arg Leu Ser Ile Leu Ser Gln Val Lys
1 5

<210> 15645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15645
Gln Thr Val Gln Thr Gln Asn Trp Lys
1 5

<210> 15646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15646
Lys Ser Arg Trp Ser Asp Cys Ala Met
1 5

<210> 15647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15647
Met Ala Ser Ser Ser Arg Leu Ser Ile
1 5

<210> 15648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15648
Ala Gln Thr Val Gln Thr Gln Asn Trp
1 5

<210> 15649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15649
Cys Ala Met Ala Ser Ser Ser Arg Leu
1 5

<210> 15650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15650
Ala Ser Ser Ser Arg Leu Ser Ile Leu
1 5

<210> 15651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15651
Ser Arg Leu Ser Ile Leu Ser Gln Val
1 5

<210> 15652
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15652
Phe Leu Val Leu Gly Gly Asn Met Asp Ala
1 5 10

<210> 15653
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15653
Ala Met Ala Ser Ser Ser Arg Leu Ser Ile
1 5 10

<210> 15654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15654
Lys Ser Arg Trp Ser Asp Cys Ala Met Ala
1 5 10

<210> 15655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15655
Ser Ser Arg Leu Ser Ile Leu Ser Gln Val
1 5 10

<210> 15656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15656
Thr Val Gln Thr Gln Asn Trp Lys Ser Arg
1 5 10

<210> 15657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15657
Met Ala Ser Ser Ser Arg Leu Ser Ile Leu
1 5 10

<210> 15658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15658
Leu Ala Phe Leu Val Leu Gly Gly Asn Met
1 5 10

<210> 15659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15659
Val Gln Thr Gln Asn Trp Lys Ser Arg Trp
1 5 10

<210> 15660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15660
Trp Lys Ser Arg Trp Ser Asp Cys Ala Met
1 5 10

<210> 15661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15661

Asp Ala Gln Thr Val Gln Thr Gln Asn Trp
1 5 10

<210> 15662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15662
Arg Ile Lys Cys Pro Leu Cys Glu His
1 5

<210> 15663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15663
Ile Lys Cys Pro Leu Cys Glu His Phe
1 5

<210> 15664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15664
Cys Glu His Phe Leu Lys Phe Asn Tyr
1 5

<210> 15665
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15665
Arg Ile Lys Cys Pro Leu Cys Glu His Phe
1 5 10

<210> 15666
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15666
Cys Pro Leu Cys Glu His Phe Leu Lys Phe
1 5 10

<210> 15667
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15667
Cys Glu His Phe Leu Lys Phe Asn Tyr Ser
1 5 10

<210> 15668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15668
Met Leu Leu Asn Gly Gln Leu Pro Leu
1 5

<210> 15669
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15669
Thr Tyr Cys Asn Leu Pro Leu Met Leu
1 5

<210> 15670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15670
His Thr Tyr Cys Asn Leu Pro Leu Met
1 5

<210> 15671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15671
Leu Met Leu Leu Asn Gly Gln Leu Pro Leu
1 5 10

<210> 15672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15672
His Thr Tyr Cys Asn Leu Pro Leu Met Leu
1 5 10

<210> 15673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15673
Thr Tyr Cys Asn Leu Pro Leu Met Leu Leu
1 5 10

<210> 15674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15674
Leu Pro Leu Met Leu Leu Asn Gly Gln Leu
1 5 10

<210> 15675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15675
His His Thr Tyr Cys Asn Leu Pro Leu Met
1 5 10

<210> 15676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15676
Arg Pro Met Asp Leu Ile Ser Asn Ile
1 5

<210> 15677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15677
Asn Phe His Leu Arg Pro Met Asp Leu
1 5

<210> 15678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15678
Ser Lys Asn Phe His Leu Arg Pro Met

1 5

<210> 15679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15679
Gln Ser Lys Asn Phe His Leu Arg Pro Met
1 5 10

<210> 15680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15680
Lys Asn Phe His Leu Arg Pro Met Asp Leu
1 5 10

<210> 15681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15681
Met Asp Leu Ile Ser Asn Ile Asn Val Ile
1 5 10

<210> 15682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15682
Ala Gly Gly Trp Ser Leu Phe Gly Lys
1 5

<210> 15683

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15683
Ser Leu Phe Gly Lys Pro Gly Ala Arg
1 5

<210> 15684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15684
Gly Pro Ala Gly Gly Trp Ser Leu Phe
1 5

<210> 15685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15685
His Glu Gly Pro Gly Cys Pro Asp Ala
1 5

<210> 15686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15686
Ser Leu Ala Cys Val Cys Ala Ala Pro Cys
1 5 10

<210> 15687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15687
Arg Val Ser Leu Ala Cys Val Cys Ala Ala
1 5 10

<210> 15688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15688
Trp Ser Leu Phe Gly Lys Pro Gly Ala Arg
1 5 10

<210> 15689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15689
Gly Pro Gly Cys Pro Asp Ala Trp Pro Leu
1 5 10

<210> 15690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15690
Leu Ala Gly Pro Ala Gly Gly Trp Ser Leu
1 5 10

<210> 15691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15691
His Glu Gly Pro Gly Cys Pro Asp Ala Trp
1 5 10

<210> 15692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15692
Thr Ser Ala Ile Glu Ser Ile Leu Lys
1 5

<210> 15693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15693
Lys Ser Leu Gln Asn Thr Ser Ala Ile
1 5

<210> 15694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15694
Asn Thr Ser Ala Ile Glu Ser Ile Leu
1 5

<210> 15695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15695
Leu Gln Asn Thr Ser Ala Ile Glu Ser Ile
1 5 10

<210> 15696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15696
Asn Thr Ser Ala Ile Glu Ser Ile Leu Lys
1 5 10

<210> 15697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15697
Ala Val Lys Ser Leu Gln Asn Thr Ser Ala
1 5 10

<210> 15698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15698
Val Lys Ser Leu Gln Asn Thr Ser Ala Ile
1 5 10

<210> 15699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15699
Ser Tyr Gly Ala Thr Arg Gly Asp Lys
1 5

<210> 15700
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15700
Ser Phe Gln Ser Tyr Gly Ala Thr Arg
1 5

<210> 15701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15701
Ser Ser Phe Gln Ser Tyr Gly Ala Thr
1 5

<210> 15702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15702
Phe Gln Ser Tyr Gly Ala Thr Arg Gly
1 5

<210> 15703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15703
Ser Ser Phe Gln Ser Tyr Gly Ala Thr Arg
1 5 10

<210> 15704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15704
Gln Ser Tyr Gly Ala Thr Arg Gly Asp Lys
1 5 10

<210> 15705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15705
Ala Pro Arg Gly Glu Gln Gly Gly Ala
1 5

<210> 15706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15706
Gly Leu Ala Gln Val Ile Leu Gln Trp
1 5

<210> 15707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15707
Gly Leu Ala Gln Val Ile Leu Gln Trp Lys
1 5 10

<210> 15708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15708
Ile Lys Val Thr Gly Leu Ala Gln Val Ile
1 5 10

<210> 15709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15709
Thr Gly Leu Ala Gln Val Ile Leu Gln Trp
1 5 10

<210> 15710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15710
Thr Ser Asp His Ile Asn Phe Asp His
1 5

<210> 15711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15711
His Ile Asn Phe Asp His Val Tyr Lys
1 5

<210> 15712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15712
Asp His Ile Asn Phe Asp His Val Tyr
1 5

<210> 15713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15713
Thr Ser Asp His Ile Asn Phe Asp His Val
1 5 10

<210> 15714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15714
His Ile Asn Phe Asp His Val Tyr Lys Val
1 5 10

<210> 15715
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15715
Ser Asp His Ile Asn Phe Asp His Val Tyr
1 5 10

<210> 15716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15716
Glu Val Asn Gly Ser Gln His Leu Leu
1 5

<210> 15717
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15717
Ser Gln His Leu Leu Thr Cys Ala Phe
1 5

<210> 15718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15718
Leu Glu Val Asn Gly Ser Gln His Leu
1 5

<210> 15719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15719
Gly Ser Gln His Leu Leu Thr Cys Ala Phe
1 5 10

<210> 15720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15720
Leu Glu Val Asn Gly Ser Gln His Leu Leu
1 5 10

<210> 15721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15721
Ser Ser Lys Gly Glu Asp Ser Ala Lys
1 5

<210> 15722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15722
Lys Glu Thr Glu Ala Lys Pro Ala Val
1 5

<210> 15723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15723
Lys Glu Thr Glu Ala Lys Pro Ala Val Val
1 5 10

<210> 15724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15724
Gly Glu Asp Ser Ala Lys Glu Thr Glu Ala
1 5 10

<210> 15725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15725

Phe Pro Val Pro Ser Ser Ser Ala Ser
1 5

<210> 15726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15726
Val Pro Ser Ser Ser Ala Ser Ser Ile
1 5

<210> 15727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15727
Thr Pro Phe Pro Val Pro Ser Ser Ser Ala
1 5 10

<210> 15728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15728
Phe Pro Val Pro Ser Ser Ser Ala Ser Ser
1 5 10

<210> 15729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15729
Ser Trp Pro Arg Trp Thr Met Ala Trp
1 5

<210> 15730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15730
Ala Trp Arg Arg Ser Ser Trp Pro Arg
1 5

<210> 15731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15731
Arg Ser Ser Trp Pro Arg Trp Thr Met
1 5

<210> 15732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15732
Ser Ser Trp Pro Arg Trp Thr Met Ala
1 5

<210> 15733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15733
Trp Pro Arg Trp Thr Met Ala Trp Ala
1 5

<210> 15734
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15734
Trp Ala Gln His Gly Ser Pro Ala Ile
1 5

<210> 15735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15735
Arg Glu Ala Trp Arg Arg Ser Ser Trp
1 5

<210> 15736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15736
Trp Arg Arg Ser Ser Trp Pro Arg Trp
1 5

<210> 15737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15737
Ala Trp Ala Gln His Gly Ser Pro Ala
1 5

<210> 15738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15738
Ala Gln His Gly Ser Pro Ala Ile Gly
1 5

<210> 15739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15739
Leu Pro Cys Thr Cys Ser Pro Pro Trp
1 5

<210> 15740
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15740
Ala Trp Arg Arg Ser Ser Trp Pro Arg Trp
1 5 10

<210> 15741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15741
Ser Ser Trp Pro Arg Trp Thr Met Ala Trp
1 5 10

<210> 15742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15742
Arg Ser Ser Trp Pro Arg Trp Thr Met Ala

1 5 10

<210> 15743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15743
Met Ala Trp Ala Gln His Gly Ser Pro Ala
1 5 10

<210> 15744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15744
Cys Ser Pro Pro Trp Arg Glu Ala Trp Arg
1 5 10

<210> 15745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15745
Glu Ala Trp Arg Arg Ser Ser Trp Pro Arg
1 5 10

<210> 15746
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15746
Trp Thr Met Ala Trp Ala Gln His Gly Ser
1 5 10

<210> 15747

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15747
Trp Pro Arg Trp Thr Met Ala Trp Ala Gln
1 5 10

<210> 15748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15748
Leu Leu Pro Cys Thr Cys Ser Pro Pro Trp
1 5 10

<210> 15749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15749
Trp Arg Glu Ala Trp Arg Arg Ser Ser Trp
1 5 10

<210> 15750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15750
Arg Arg Ser Ser Trp Pro Arg Trp Thr Met
1 5 10

<210> 15751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15751
Ala Trp Ala Gln His Gly Ser Pro Ala Ile
1 5 10

<210> 15752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15752
Met Leu His Cys Val Gln Arg Ser Leu
1 5

<210> 15753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15753
Arg Ser Leu Ile Arg Ser Gln Glu Leu
1 5

<210> 15754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15754
Arg Met Leu His Cys Val Gln Arg Ser
1 5

<210> 15755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15755
Arg Met Leu His Cys Val Gln Arg Ser Leu
1 5 10

<210> 15756
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15756
Met Leu His Cys Val Gln Arg Ser Leu Ile
1 5 10

<210> 15757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15757
Arg Ser Leu Ile Arg Ser Gln Glu Leu Gly
1 5 10

<210> 15758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15758
Leu Gln Val Asp Thr Leu Ile Asp Ile
1 5

<210> 15759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15759
Gly Leu Gln Val Asp Thr Leu Ile Asp Ile
1 5 10

<210> 15760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15760
Lys Thr Phe Gly Pro Gly Gly Leu Gln Val
1 5 10

<210> 15761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15761
Glu Phe Phe Cys Val Ala Leu Glu Lys
1 5

<210> 15762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15762
Tyr Met Val Gly Lys Arg Glu Phe Phe
1 5

<210> 15763
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15763
Gly Lys Arg Glu Phe Phe Cys Val Ala
1 5

<210> 15764
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15764
Lys Arg Glu Phe Phe Cys Val Ala Leu
1 5

<210> 15765
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15765
Arg Glu Phe Phe Cys Val Ala Leu Glu
1 5

<210> 15766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15766
Met Val Gly Lys Arg Glu Phe Phe Cys Val
1 5 10

<210> 15767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15767
Tyr Met Val Gly Lys Arg Glu Phe Phe Cys
1 5 10

<210> 15768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15768
Ser Tyr Met Val Gly Lys Arg Glu Phe Phe
1 5 10

<210> 15769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15769
Gly Lys Arg Glu Phe Phe Cys Val Ala Leu
1 5 10

<210> 15770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15770
Arg Glu Phe Phe Cys Val Ala Leu Glu Lys
1 5 10

<210> 15771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15771
Arg Gln Asn Gln Asn Tyr Met Asn Ile
1 5

<210> 15772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15772
Lys Leu Arg Gln Asn Gln Asn Tyr Met
1   5

<210> 15773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 15773
Lys Lys Leu Arg Gln Asn Gln Asn Tyr
1   5

<210> 15774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 15774
Lys Leu Arg Gln Asn Gln Asn Tyr Met Asn
1   5   10

<210> 15775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 15775
Arg Gln Asn Gln Asn Tyr Met Asn Ile Leu
1   5   10

<210> 15776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 15776
Lys Lys Leu Arg Gln Asn Gln Asn Tyr Met
1   5   10

<210> 15777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15777
Lys Cys Lys Pro Ala Trp Thr Asp Arg
1 5

<210> 15778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15778
Ser Glu Lys Lys Cys Lys Pro Ala Trp
1 5

<210> 15779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15779
Leu Met Asp Leu Asp Tyr Arg Pro Ile
1 5

<210> 15780
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15780
Leu Lys Glu Leu Met Asp Leu Asp Tyr
1 5

<210> 15781
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15781
Glu Leu Met Asp Leu Asp Tyr Arg Pro Ile
1 5 10

<210> 15782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15782
Gly Leu Lys Glu Leu Met Asp Leu Asp Tyr
1 5 10

<210> 15783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15783
Leu Leu Arg Gly Gly Leu Lys Glu Leu Met
1 5 10

<210> 15784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15784
Met Asp Leu Asp Tyr Arg Pro Ile Ala Met
1 5 10

<210> 15785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15785
Arg Leu Pro Gly Pro Leu Ser His Leu
1 5

<210> 15786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15786
Ser Leu Gly Thr Thr Gly Thr Leu Val
1 5

<210> 15787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15787
Tyr Gln Gly Gln Trp Ser Gly Ala Val
1 5

<210> 15788
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15788
Ala Leu Ser Trp Gly Lys Trp Pro Val
1 5

<210> 15789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15789

Val Leu Gln Met Arg Ser Leu Glu Ala
1 5

<210> 15790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15790
Gly Leu Arg Pro Val Ala His His Leu
1 5

<210> 15791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15791
His Leu Pro Arg Pro Ile Gln Gly Leu
1 5

<210> 15792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15792
Ile Thr Leu Pro Thr Thr Ser Leu Lys
1 5

<210> 15793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15793
Leu Ser His Leu Pro Pro Arg Thr Lys
1 5

<210> 15794
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15794
Thr Thr Gly Thr Leu Val Trp Glu Arg
1 5

<210> 15795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15795
Gln Thr Phe His Leu His His Cys Arg
1 5

<210> 15796
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15796
His Gln Pro Ala Leu Ser Trp Gly Lys
1 5

<210> 15797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15797
Met Thr Gly Pro Ala Arg Cys Cys Arg
1 5

<210> 15798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15798
Ala Trp Ile Leu Tyr Gln Gly Gln Trp
1 5

<210> 15799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15799
Ser Trp Gly Lys Trp Pro Val Gly Met
1 5

<210> 15800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15800
Arg Thr Ala Ser Ile Thr Leu Pro Thr
1 5

<210> 15801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15801
Gly Ser Arg Thr Ser Cys Cys Pro Arg
1 5

<210> 15802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15802
Arg Thr Ser Cys Cys Pro Arg Ser His
1 5

<210> 15803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15803
Arg Ser His Pro Arg Leu Pro Gly Pro
1 5

<210> 15804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15804
Arg Thr Lys Trp Pro Leu Gln Cys Leu
1 5

<210> 15805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15805
Arg Ser Leu Glu Ala His Cys Pro Leu
1 5

<210> 15806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15806
Arg Pro Val Ala His His Leu Pro Arg

1 5

<210> 15807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15807
Pro Ala Arg Cys Cys Arg Trp Pro Arg
1 5

<210> 15808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15808
Ser Cys Pro Pro Ala Trp Ile Leu Tyr
1 5

<210> 15809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15809
Glu Gly Val Ala Ala Pro His Pro Arg
1 5

<210> 15810
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15810
Ser Cys Cys Pro Arg Ser His Pro Arg
1 5

<210> 15811

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15811
Trp Ser Gly Ala Val Val Gly Leu Arg
1 5

<210> 15812
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15812
Ala Pro His Pro Arg Thr Ala Ser Ile
1 5

<210> 15813
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15813
His Pro Arg Thr Ala Ser Ile Thr Leu
1 5

<210> 15814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15814
His Pro Arg Leu Pro Gly Pro Leu Ser
1 5

<210> 15815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15815
Leu Pro Pro Arg Thr Lys Trp Pro Leu
1 5

<210> 15816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15816
Cys Pro Gln Ala Pro His Gln Pro Ala
1 5

<210> 15817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15817
Ala Pro His Gln Pro Ala Leu Ser Trp
1 5

<210> 15818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15818
Trp Pro Val Gly Met Thr Gly Pro Ala
1 5

<210> 15819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15819
Leu Gln Met Arg Ser Leu Glu Ala His
1 5

<210> 15820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15820
Glu Ala His Cys Pro Leu Gln Thr Phe
1 5

<210> 15821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15821
Ser His Leu Pro Pro Arg Thr Lys Trp
1 5

<210> 15822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15822
Thr Lys Trp Pro Leu Gln Cys Leu Leu
1 5

<210> 15823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15823
Leu Leu His Ser Leu Gly Thr Thr Gly
1 5

<210> 15824
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15824
His Ser Leu Gly Thr Thr Gly Thr Leu
1 5

<210> 15825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15825
Leu Gly Thr Thr Gly Thr Leu Val Trp
1 5

<210> 15826
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15826
Arg Gly Val Leu Gln Met Arg Ser Leu
1 5

<210> 15827
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15827
Thr Gln Pro Ser Ser Cys Pro Pro Ala
1 5

<210> 15828
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15828
Ser Ser Cys Pro Pro Ala Trp Ile Leu
1 5

<210> 15829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15829
Ile Leu Tyr Gln Gly Gln Trp Ser Gly
1 5

<210> 15830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15830
Gly Gln Trp Ser Gly Ala Val Val Gly
1 5

<210> 15831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15831
Val Ala His His Leu Pro Arg Pro Ile
1 5

<210> 15832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15832
Gly Leu His Cys Pro Gln Ala Pro His
1 5

<210> 15833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15833
Pro Gln Ala Pro His Gln Pro Ala Leu
1 5

<210> 15834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15834
Glu Pro Glu Gly Val Ala Ala Pro His
1 5

<210> 15835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15835
Cys Pro Leu Gln Thr Phe His Leu His
1 5

<210> 15836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15836
Gln Pro Ser Ser Cys Pro Pro Ala Trp
1 5

<210> 15837
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15837
Gln Pro Ala Leu Ser Trp Gly Lys Trp
1 5

<210> 15838
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15838
Leu Glu Ala His Cys Pro Leu Gln Thr
1 5

<210> 15839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15839
Ser Ser Cys Pro Pro Ala Trp Ile Leu Tyr
1 5 10

<210> 15840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15840
His Leu Pro Pro Arg Thr Lys Trp Pro Leu
1 5 10

<210> 15841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15841
Ile Leu Tyr Gln Gly Gln Trp Ser Gly Ala
1 5 10

<210> 15842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15842
Tyr Gln Gly Gln Trp Ser Gly Ala Val Val
1 5 10

<210> 15843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15843
Gly Gln Trp Ser Gly Ala Val Val Gly Leu
1 5 10

<210> 15844
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15844
Leu Leu His Ser Leu Gly Thr Thr Gly Thr
1 5 10

<210> 15845
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15845
Ser Ile Thr Leu Pro Thr Thr Ser Leu Lys
1 5 10

<210> 15846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15846
Thr Ser Cys Cys Pro Arg Ser His Pro Arg
1 5 10

<210> 15847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15847
Gly Thr Thr Gly Thr Leu Val Trp Glu Arg
1 5 10

<210> 15848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15848
Arg Thr Ala Ser Ile Thr Leu Pro Thr Thr
1 5 10

<210> 15849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15849
Lys Gly Ser Arg Thr Ser Cys Cys Pro Arg
1 5 10

<210> 15850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15850
Arg Ser His Pro Arg Leu Pro Gly Pro Leu
1 5 10

<210> 15851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15851
Arg Thr Lys Trp Pro Leu Gln Cys Leu Leu
1 5 10

<210> 15852
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15852
Arg Thr Gln Pro Ser Ser Cys Pro Pro Ala
1 5 10

<210> 15853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15853

Pro Ala Arg Cys Cys Arg Trp Pro Arg Arg
1 5 10

<210> 15854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15854
Leu Gln Thr Phe His Leu His His Cys Arg
1 5 10

<210> 15855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15855
Gln Trp Ser Gly Ala Val Val Gly Leu Arg
1 5 10

<210> 15856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15856
His Ser Leu Gly Thr Thr Gly Thr Leu Val
1 5 10

<210> 15857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15857
Ala Pro His Pro Arg Thr Ala Ser Ile Thr
1 5 10

<210> 15858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15858
Cys Pro Arg Ser His Pro Arg Leu Pro Gly
1 5 10

<210> 15859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15859
His Pro Arg Leu Pro Gly Pro Leu Ser His
1 5 10

<210> 15860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15860
Trp Pro Leu Gln Cys Leu Leu His Ser Leu
1 5 10

<210> 15861
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15861
Cys Pro Gln Ala Pro His Gln Pro Ala Leu
1 5 10

<210> 15862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15862
Leu Glu Ala His Cys Pro Leu Gln Thr Phe
1 5 10

<210> 15863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15863
Leu Val Trp Glu Arg Gly Val Leu Gln Met
1 5 10

<210> 15864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15864
Ala Ser Ile Thr Leu Pro Thr Thr Ser Leu
1 5 10

<210> 15865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15865
Leu Ser His Leu Pro Pro Arg Thr Lys Trp
1 5 10

<210> 15866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15866
Leu His Ser Leu Gly Thr Thr Gly Thr Leu
1 5 10

<210> 15867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15867
Ser Leu Gly Thr Thr Gly Thr Leu Val Trp
1 5 10

<210> 15868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15868
Leu Gln Met Arg Ser Leu Glu Ala His Cys
1 5 10

<210> 15869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15869
Met Arg Ser Leu Glu Ala His Cys Pro Leu
1 5 10

<210> 15870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15870
Thr Gln Pro Ser Ser Cys Pro Pro Ala Trp

1 5 10

<210> 15871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15871
His Gln Pro Ala Leu Ser Trp Gly Lys Trp
1 5 10

<210> 15872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15872
Leu Ser Trp Gly Lys Trp Pro Val Gly Met
1 5 10

<210> 15873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15873
Trp Glu Arg Gly Val Leu Gln Met Arg Ser
1 5 10

<210> 15874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15874
Gln Pro Ser Ser Cys Pro Pro Ala Trp Ile
1 5 10

<210> 15875

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15875
Thr Met Ala Gly Pro Ser Ala Ser Leu
1 5

<210> 15876
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15876
Ser Leu His Pro Ala Ser Gly Arg Ala
1 5

<210> 15877
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15877
Ala Ser Leu His Pro Ala Ser Gly Arg
1 5

<210> 15878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15878
Arg Ala Ser Arg Lys Thr Trp Gln Arg
1 5

<210> 15879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15879
Arg Thr Met Ala Gly Pro Ser Ala Ser
1 5

<210> 15880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15880
Ala Ser Arg Lys Thr Trp Gln Arg Arg
1 5

<210> 15881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15881
Lys Thr Trp Gln Arg Arg Leu Arg Ala
1 5

<210> 15882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15882
Trp Gln Arg Arg Leu Arg Ala Cys Arg
1 5

<210> 15883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15883
Arg Leu Arg Ala Cys Arg Ala Gly Gly
1 5

<210> 15884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15884
Arg Ala Cys Arg Ala Gly Gly Pro Ala
1 5

<210> 15885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15885
His Pro Ala Ser Gly Arg Ala Ser Arg
1 5

<210> 15886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15886
Cys Pro Arg Thr Met Ala Gly Pro Ser
1 5

<210> 15887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15887
Gly Pro Ser Ala Ser Leu His Pro Ala
1 5

<210> 15888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15888
Ser Gly Arg Ala Ser Arg Lys Thr Trp
1 5

<210> 15889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15889
Arg Thr Met Ala Gly Pro Ser Ala Ser Leu
1 5 10

<210> 15890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15890
Arg Ala Ser Arg Lys Thr Trp Gln Arg Arg
1 5 10

<210> 15891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15891
Ala Ser Arg Lys Thr Trp Gln Arg Arg Leu
1 5 10

<210> 15892
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15892
Lys Thr Trp Gln Arg Arg Leu Arg Ala Cys
1 5 10

<210> 15893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15893
Arg Leu Arg Ala Cys Arg Ala Gly Gly Pro
1 5 10

<210> 15894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15894
Glu Leu Gln Pro Pro Gly Asp Cys Pro Arg
1 5 10

<210> 15895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15895
Ser Ala Ser Leu His Pro Ala Ser Gly Arg
1 5 10

<210> 15896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15896
Thr Trp Gln Arg Arg Leu Arg Ala Cys Arg
1 5 10

<210> 15897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15897
Cys Pro Arg Thr Met Ala Gly Pro Ser Ala
1 5 10

<210> 15898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15898
Trp Gln Arg Arg Leu Arg Ala Cys Arg Ala
1 5 10

<210> 15899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15899
Thr Met Ala Gly Pro Ser Ala Ser Leu His
1 5 10

<210> 15900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15900
Ala Ser Gly Arg Ala Ser Arg Lys Thr Trp
1 5 10

<210> 15901
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15901
Val Ala Ala Thr Val Asn Leu Glu Leu
1 5

<210> 15902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15902
Val Leu Ala Val Leu Glu Asp Ser Ala
1 5

<210> 15903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15903
Ser Ala Arg Asp Ile Arg Glu Ala Leu
1 5

<210> 15904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15904
Ser Ala Arg Asp Ile Arg Glu Ala Leu His
1 5 10

<210> 15905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15905
Asp Ser Ala Arg Asp Ile Arg Glu Ala Leu
1 5 10

<210> 15906
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15906
Asp Pro Tyr Ser Gln Gln Ile Cys Leu
1 5

<210> 15907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15907
Gln Gln Ile Cys Leu Gln Gln Gln Gln Ala
1 5 10

<210> 15908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15908
Phe Val Lys Ile Ile Phe Ser Val Ile
1 5

<210> 15909
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15909
Glu Phe Val Lys Ile Ile Phe Ser Val
1 5

<210> 15910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15910
Asp Glu Phe Val Lys Ile Ile Phe Ser
1 5

<210> 15911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15911
Ile Leu Asn Val Asp Glu Phe Val Lys Ile
1 5 10

<210> 15912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15912
Glu Phe Val Lys Ile Ile Phe Ser Val Ile
1 5 10

<210> 15913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15913
Asp Glu Phe Val Lys Ile Ile Phe Ser Val
1 5 10

<210> 15914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15914
Pro Gln Lys Arg Arg Thr Gln Glu Leu Lys
1 5 10

<210> 15915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15915
Glu Leu Lys Gly Gly Arg Cys Ser Pro Ala
1 5 10

<210> 15916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15916
Ser Met Leu Gly Arg Ile Leu Pro Thr
1 5

<210> 15917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15917

Met Leu Gly Arg Ile Leu Pro Thr Ile
1 5

<210> 15918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15918
Ser Ala Arg Gly Arg Arg Ser Met Leu
1 5

<210> 15919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15919
Arg Gly Arg Arg Ser Met Leu Gly Arg
1 5

<210> 15920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15920
Arg Ser Met Leu Gly Arg Ile Leu Pro
1 5

<210> 15921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15921
Gly Ser Ala Arg Gly Arg Arg Ser Met
1 5

<210> 15922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15922
Arg Arg Ser Met Leu Gly Arg Ile Leu
1 5

<210> 15923
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15923
Ser Met Leu Gly Arg Ile Leu Pro Thr Ile
1 5 10

<210> 15924
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15924
Met Leu Gly Arg Ile Leu Pro Thr Ile Val
1 5 10

<210> 15925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15925
Ile Leu Pro Thr Ile Val His Gln Glu Thr
1 5 10

<210> 15926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15926
Ser Ser Arg Pro Gly Ser Ala Arg Gly Arg
1 5 10

<210> 15927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15927
Ser Ala Arg Gly Arg Arg Ser Met Leu Gly
1 5 10

<210> 15928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15928
Arg Gly Arg Arg Ser Met Leu Gly Arg Ile
1 5 10

<210> 15929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15929
Arg Ser Met Leu Gly Arg Ile Leu Pro Thr
1 5 10

<210> 15930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15930
Leu Leu Gln Asn Thr Ser Phe Phe Leu
1 5

<210> 15931
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15931
Tyr Leu Met Arg Trp Pro Ile Asn Leu
1 5

<210> 15932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15932
Leu Met Arg Trp Pro Ile Asn Leu Ile
1 5

<210> 15933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15933
Thr Ser Phe Phe Leu His Tyr Leu Met
1 5

<210> 15934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15934
Ser Phe Phe Leu His Tyr Leu Met Arg

1 5

<210> 15935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15935
Phe Phe Leu His Tyr Leu Met Arg Trp
1 5

<210> 15936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15936
Arg Arg Trp Thr Ser Phe Trp Glu Ile
1 5

<210> 15937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15937
Leu Gln Asn Thr Ser Phe Phe Leu His
1 5

<210> 15938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15938
Gln Asn Thr Ser Phe Phe Leu His Tyr
1 5

<210> 15939

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15939
Asn Thr Ser Phe Phe Leu His Tyr Leu
1 5

<210> 15940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15940
Leu His Tyr Leu Met Arg Trp Pro Ile
1 5

<210> 15941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15941
Asn Leu Ile Arg Arg Trp Thr Ser Phe
1 5

<210> 15942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15942
Leu Ile Arg Arg Trp Thr Ser Phe Trp
1 5

<210> 15943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15943
Trp Pro Ile Asn Leu Ile Arg Arg Trp
1 5

<210> 15944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15944
Asn Thr Ser Phe Phe Leu His Tyr Leu Met
1 5 10

<210> 15945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15945
Val Leu Leu Gln Asn Thr Ser Phe Phe Leu
1 5 10

<210> 15946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15946
Phe Leu His Tyr Leu Met Arg Trp Pro Ile
1 5 10

<210> 15947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15947
Tyr Leu Met Arg Trp Pro Ile Asn Leu Ile
1 5 10

<210> 15948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15948
Thr Ser Phe Phe Leu His Tyr Leu Met Arg
1 5 10

<210> 15949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15949
Ser Phe Phe Leu His Tyr Leu Met Arg Trp
1 5 10

<210> 15950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15950
His Tyr Leu Met Arg Trp Pro Ile Asn Leu
1 5 10

<210> 15951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15951
Arg Trp Pro Ile Asn Leu Ile Arg Arg Trp
1 5 10

<210> 15952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15952
Leu Met Arg Trp Pro Ile Asn Leu Ile Arg
1 5 10

<210> 15953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15953
Leu Gln Asn Thr Ser Phe Phe Leu His Tyr
1 5 10

<210> 15954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15954
Ile Asn Leu Ile Arg Arg Trp Thr Ser Phe
1 5 10

<210> 15955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15955
Asn Leu Ile Arg Arg Trp Thr Ser Phe Trp
1 5 10

<210> 15956
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15956
Ile Arg Arg Trp Thr Ser Phe Trp Glu Ile
1 5 10

<210> 15957
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15957
Ile Gln Ile Gly Ile Leu Ile Gly Ile
1 5

<210> 15958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15958
Ala Pro Leu Pro Trp His Ile Gln Ile
1 5

<210> 15959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15959
Trp His Ile Gln Ile Gly Ile Leu Ile
1 5

<210> 15960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15960
Leu Pro Trp His Ile Gln Ile Gly Ile
1 5

<210> 15961
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15961
Gln Ile Gly Ile Leu Ile Gly Ile Ser Lys
1 5 10

<210> 15962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15962
Thr Ala Pro Leu Pro Trp His Ile Gln Ile
1 5 10

<210> 15963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15963
Leu Pro Trp His Ile Gln Ile Gly Ile Leu
1 5 10

<210> 15964
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15964
Phe Gln Asn Asp Gln Asn Ser Ser Gly
1 5

<210> 15965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15965
Ile Ser Asp Pro Tyr Arg Val Tyr Arg
1 5

<210> 15966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15966
Arg Val Tyr Arg Ile Val Pro Glu Gly
1 5

<210> 15967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15967
Asp Ile Ser Asp Pro Tyr Arg Val Tyr
1 5

<210> 15968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15968
Asp Pro Tyr Arg Val Tyr Arg Ile Val
1 5

<210> 15969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15969
Gln Leu Asp Ile Ser Asp Pro Tyr Arg Val
1 5 10

<210> 15970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15970
Arg Val Tyr Arg Ile Val Pro Glu Gly Ala
1 5 10

<210> 15971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15971
Ser Gln Leu Asp Ile Ser Asp Pro Tyr Arg
1 5 10

<210> 15972
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15972
Asp Ile Ser Asp Pro Tyr Arg Val Tyr Arg
1 5 10

<210> 15973
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15973
Leu Asp Ile Ser Asp Pro Tyr Arg Val Tyr
1 5 10

<210> 15974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15974
Gly Gln Arg Leu Arg Lys Trp Glu Arg
1 5

<210> 15975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15975
Arg Leu Arg Lys Trp Glu Arg Ile Arg
1 5

<210> 15976
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15976
Arg Leu Arg Lys Trp Glu Arg Ile Arg Trp
1 5 10

<210> 15977
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15977
Gly Lys Asn Ser Gly Gly Gly Gln Arg Leu
1 5 10

<210> 15978
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15978
Arg Gly Ala Ala Ala Ala Ala Ala Ala Leu
1 5 10

<210> 15979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15979
Pro Pro Gly Pro Arg Pro His Pro Leu
1 5

<210> 15980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15980
Gly Pro Arg Pro His Pro Leu Ser Leu
1 5

<210> 15981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15981

Gly Pro Arg Pro His Pro Leu Ser Leu Leu
1 5 10

<210> 15982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15982
Pro Leu Asn Cys Val Pro Cys Pro Arg
1 5

<210> 15983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15983
Ala Leu Gln Gly Leu Pro Leu Asn Cys Val
1 5 10

<210> 15984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15984
Val Pro Cys Pro Arg Arg Ser Glu Pro Val
1 5 10

<210> 15985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15985
Lys Ser Lys Arg Arg Val Cys Thr Thr
1 5

<210> 15986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15986
Cys Thr Thr Phe Thr Thr Glu Gln Leu
1 5

<210> 15987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15987
Ser Lys Arg Arg Val Cys Thr Thr Phe
1 5

<210> 15988
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15988
Arg Arg Val Cys Thr Thr Phe Thr Thr
1 5

<210> 15989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15989
Lys Ser Lys Arg Arg Val Cys Thr Thr Phe
1 5 10

<210> 15990
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15990
Met Phe Ala Glu Val Gly Pro Ala Leu
1 5

<210> 15991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15991
Cys Arg Arg Gln Gly Gln Glu Ala Val
1 5

<210> 15992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15992
Arg Gln Gly Gln Glu Ala Val Cys Leu
1 5

<210> 15993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 15993
Arg Arg Gln Gly Gln Glu Ala Val Cys Leu
1 5 10

<210> 15994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 15994
Arg Gln Gly Gln Glu Ala Val Cys Leu Thr
1 5 10

<210> 15995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15995
Met Thr Leu His Val Lys Leu Pro Val
1 5

<210> 15996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15996
Asp Ala Tyr Glu Met Thr Leu His Val
1 5

<210> 15997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15997
Tyr Glu Met Thr Leu His Val Lys Leu
1 5

<210> 15998
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15998
Asn Ala Gly Asp Asp Ala Tyr Glu Met

1 5

<210> 15999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 15999
Ala Tyr Glu Met Thr Leu His Val Lys Leu
1 5 10

<210> 16000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16000
Asp Ala Tyr Glu Met Thr Leu His Val Lys
1 5 10

<210> 16001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16001
Glu Met Thr Leu His Val Lys Leu Pro Val
1 5 10

<210> 16002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16002
Phe Asn Ala Gly Asp Asp Ala Tyr Glu Met
1 5 10

<210> 16003

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16003
Tyr Glu Met Thr Leu His Val Lys Leu Pro
1 5 10

<210> 16004
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16004
His Cys Leu Asn Leu Leu Cys Asn Phe
1 5

<210> 16005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16005
Cys Leu Asn Leu Leu Cys Asn Phe Gly Lys
1 5 10

<210> 16006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16006
Ile Lys Ala Asp Pro His Cys Leu Asn Leu
1 5 10

<210> 16007
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16007
Asn Leu Asp Ala Glu Asp Pro Ala Val
1 5

<210> 16008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16008
Ser Thr Phe Lys Glu Cys Leu Glu Val
1 5

<210> 16009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16009
Thr Phe Lys Glu Cys Leu Glu Val Lys
1 5

<210> 16010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16010
Lys Glu Cys Leu Glu Val Lys Pro Ile
1 5

<210> 16011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16011
Asp Glu Ser Thr Phe Lys Glu Cys Leu
1 5

<210> 16012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16012
Cys Leu Glu Val Lys Pro Ile Leu Asn Tyr
1 5 10

<210> 16013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16013
Ser Thr Phe Lys Glu Cys Leu Glu Val Lys
1 5 10

<210> 16014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16014
Glu Ser Thr Phe Lys Glu Cys Leu Glu Val
1 5 10

<210> 16015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16015
Lys Glu Cys Leu Glu Val Lys Pro Ile Leu
1 5 10

<210> 16016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16016
Gly His Leu Ser Pro Arg Ala Thr Phe
1 5

<210> 16017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16017
Gly Ile Ile His Tyr Ala Ile Gly Val
1 5

<210> 16018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16018
Asp Ala Ala Gly Ile Ile His Tyr Ala
1 5

<210> 16019
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16019
Ala Asp Ala Ala Gly Ile Ile His Tyr
1 5

<210> 16020
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16020
Ile His Tyr Ala Ile Gly Val Gly Leu
1 5

<210> 16021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16021
Met Ala Asp Ala Ala Gly Ile Ile His Tyr
1 5 10

<210> 16022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16022
Ile Ile His Tyr Ala Ile Gly Val Gly Leu
1 5 10

<210> 16023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16023
His Tyr Ala Ile Gly Val Gly Leu Ala Phe
1 5 10

<210> 16024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16024
Asp Ala Ala Gly Ile Ile His Tyr Ala Ile
1 5 10

<210> 16025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16025
Ile His Tyr Ala Ile Gly Val Gly Leu Ala
1 5 10

<210> 16026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16026
Leu Ile Ile Asp Ala Tyr Asn Ser Ile
1 5

<210> 16027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16027
Gln Leu Ile Ile Asp Ala Tyr Asn Ser Ile
1 5 10

<210> 16028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16028
Ala Tyr Asn Ser Ile Ser Ser Glu Val Ile
1 5 10

<210> 16029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16029
Asp Ala Tyr Asn Ser Ile Ser Ser Glu Val
1 5 10

<210> 16030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16030
Ser Met Lys Asp Asn Leu Glu Asn Val
1 5

<210> 16031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16031
Leu Ser Tyr Ser Met Lys Asp Asn Leu
1 5

<210> 16032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16032
Tyr Ser Met Lys Asp Asn Leu Glu Asn Val
1 5 10

<210> 16033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16033
Ser Met Lys Asp Asn Leu Glu Asn Val Lys
1 5 10

<210> 16034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16034
Cys Gly Ser Ala Leu Ala Phe Phe Tyr
1 5

<210> 16035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16035
Ala Leu Ala Phe Phe Tyr Arg Cys Ile
1 5

<210> 16036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16036
Leu Val Pro Leu Gly Ser Leu Gly Val
1 5

<210> 16037
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16037
Gly Ser Ala Leu Ala Phe Phe Tyr Arg
1 5

<210> 16038
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16038
Phe Thr Cys Ser Trp Thr Gly Pro Arg
1 5

<210> 16039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16039
Phe Tyr Arg Cys Ile Cys Leu Pro Ala
1 5

<210> 16040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16040
Arg Ser Arg Leu Val Pro Leu Gly Ser
1 5

<210> 16041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16041
Cys Leu Pro Ala Lys Arg Pro Ala Arg
1 5

<210> 16042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16042
Arg Pro Ala Arg Ser Arg Leu Val Pro
1 5

<210> 16043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16043
Val Pro Leu Gly Ser Leu Gly Val Phe
1 5

<210> 16044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16044
Pro Ala Arg Ser Arg Leu Val Pro Leu
1 5

<210> 16045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16045

Ala Lys Arg Pro Ala Arg Ser Arg Leu
1 5

<210> 16046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16046
Ser Arg Leu Val Pro Leu Gly Ser Leu
1 5

<210> 16047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16047
Ser Leu Gly Val Phe Thr Cys Ser Trp
1 5

<210> 16048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16048
Arg Leu Val Pro Leu Gly Ser Leu Gly Val
1 5 10

<210> 16049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16049
Phe Phe Tyr Arg Cys Ile Cys Leu Pro Ala
1 5 10

<210> 16050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16050
Cys Gly Ser Ala Leu Ala Phe Phe Tyr Arg
1 5 10

<210> 16051
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16051
Phe Tyr Arg Cys Ile Cys Leu Pro Ala Lys
1 5 10

<210> 16052
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16052
Arg Ser Arg Leu Val Pro Leu Gly Ser Leu
1 5 10

<210> 16053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16053
Met Cys Gly Ser Ala Leu Ala Phe Phe Tyr
1 5 10

<210> 16054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16054
Val Phe Thr Cys Ser Trp Thr Gly Pro Arg
1 5 10

<210> 16055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16055
Arg Pro Ala Arg Ser Arg Leu Val Pro Leu
1 5 10

<210> 16056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16056
Leu Ala Phe Phe Tyr Arg Cys Ile Cys Leu
1 5 10

<210> 16057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16057
Gly Ser Leu Gly Val Phe Thr Cys Ser Trp
1 5 10

<210> 16058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16058
Ser Ala Leu Ala Phe Phe Tyr Arg Cys Ile
1 5 10

<210> 16059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16059
Ser Leu Leu Asn Trp His Phe Lys Val
1 5

<210> 16060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16060
Thr Ser Leu Leu Asn Trp His Phe Lys
1 5

<210> 16061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16061
Ser Thr Ser Leu Leu Asn Trp His Phe
1 5

<210> 16062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16062
Leu Asn Trp His Phe Lys Val Thr Tyr

1 5

<210> 16063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16063
Ser Thr Ser Leu Leu Asn Trp His Phe Lys
1 5 10

<210> 16064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16064
Cys Ser Thr Ser Leu Leu Asn Trp His Phe
1 5 10

<210> 16065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16065
Leu Leu Asn Trp His Phe Lys Val Thr Tyr
1 5 10

<210> 16066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16066
Thr Ser Leu Leu Asn Trp His Phe Lys Val
1 5 10

<210> 16067

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16067
Val Asn Val Asp Phe Val Gly Ile Tyr
1 5

<210> 16068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16068
Asn Val Asp Phe Val Gly Ile Tyr Ile
1 5

<210> 16069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16069
His Pro Val Asn Val Asp Phe Val Gly
1 5

<210> 16070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16070
Val Gly Ile Tyr Ile Pro Pro Thr Asn Lys
1 5 10

<210> 16071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16071
Pro Val Asn Val Asp Phe Val Gly Ile Tyr
1 5 10

<210> 16072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16072
His Pro Val Asn Val Asp Phe Val Gly Ile
1 5 10

<210> 16073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16073
Leu Ala Leu Arg Arg Asn Lys Glu Tyr
1 5

<210> 16074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16074
Arg Arg Asn Lys Glu Tyr Cys Leu Leu
1 5

<210> 16075
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16075
Lys Glu Tyr Cys Leu Leu Asp Ser Ser
1 5

<210> 16076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16076
Ala Leu Arg Arg Asn Lys Glu Tyr Cys Leu
1 5 10

<210> 16077
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16077
Glu Leu Ala Leu Arg Arg Asn Lys Glu Tyr
1 5 10

<210> 16078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16078
Ser Asn Phe Lys Val Leu Phe Phe Val
1 5

<210> 16079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16079
Val Leu Phe Phe Val Leu Thr Lys Ala
1 5

<210> 16080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16080
Lys Val Leu Phe Phe Val Leu Thr Lys
1 5

<210> 16081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16081
Asn Phe Lys Val Leu Phe Phe Val Leu
1 5

<210> 16082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16082
Ser Pro Ser Asn Phe Lys Val Leu Phe
1 5

<210> 16083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16083
Lys Val Leu Phe Phe Val Leu Thr Lys Ala
1 5 10

<210> 16084
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16084
Thr Ser Pro Ser Asn Phe Lys Val Leu Phe
1 5 10

<210> 16085
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16085
Arg Thr Ser Pro Ser Asn Phe Lys Val Leu
1 5 10

<210> 16086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16086
Ser Pro Ser Asn Phe Lys Val Leu Phe Phe
1 5 10

<210> 16087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16087
Ser Asn Phe Lys Val Leu Phe Phe Val Leu
1 5 10

<210> 16088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16088
Leu Phe Phe Val Leu Thr Lys Ala Ser Leu
1 5 10

<210> 16089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16089
Tyr Val Ile Lys Leu Asn Thr Thr Ile
1 5

<210> 16090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16090
Val Ile Lys Leu Asn Thr Thr Ile Val
1 5

<210> 16091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16091
Ser Leu Asp Lys Cys Tyr Val Ile Lys
1 5

<210> 16092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16092
Ile Lys Leu Asn Thr Thr Ile Val Leu
1 5

<210> 16093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16093
Ser Leu Asp Lys Cys Tyr Val Ile Lys Leu
1 5 10

<210> 16094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16094
Tyr Val Ile Lys Leu Asn Thr Thr Ile Val
1 5 10

<210> 16095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16095
Ile Ser Leu Asp Lys Cys Tyr Val Ile Lys
1 5 10

<210> 16096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16096
Cys Tyr Val Ile Lys Leu Asn Thr Thr Ile
1 5 10

<210> 16097
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16097
Asn Met Cys His Tyr Leu Cys Phe Ile
1 5

<210> 16098
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16098
His Asn Met Cys His Tyr Leu Cys Phe
1 5

<210> 16099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16099
Lys Glu Glu His Asn Met Cys His Tyr
1 5

<210> 16100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16100
Cys His Tyr Leu Cys Phe Ile Val Leu
1 5

<210> 16101
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16101
Glu Glu His Asn Met Cys His Tyr Leu
1 5

<210> 16102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16102
Asn Met Cys His Tyr Leu Cys Phe Ile Val
1 5 10

<210> 16103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16103
His Asn Met Cys His Tyr Leu Cys Phe Ile
1 5 10

<210> 16104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16104
Ile Lys Glu Glu His Asn Met Cys His Tyr
1 5 10

<210> 16105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16105
Lys Glu Glu His Asn Met Cys His Tyr Leu
1 5 10

<210> 16106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16106
Met Cys His Tyr Leu Cys Phe Ile Val Leu
1 5 10

<210> 16107
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16107
Ile Met Tyr Thr Leu Val Ser Val Gln
1 5

<210> 16108
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16108
Val Gln His Gly Asn Asp Ile Ala Ser
1 5

<210> 16109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16109

Ile Met Tyr Thr Leu Val Ser Val Gln His
1 5 10

<210> 16110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16110
Val Gln His Gly Asn Asp Ile Ala Ser Leu
1 5 10

<210> 16111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16111
Gln His Gly Asn Asp Ile Ala Ser Leu Phe
1 5 10

<210> 16112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16112
Arg Lys Phe Thr Asp Ile Arg Lys Lys Ala
1 5 10

<210> 16113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16113
Thr Ser Cys Arg Asp Leu Val Asn Gly Tyr
1 5 10

<210> 16114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16114
Cys Gln Asn Asp Thr Ser Cys Arg Asp Leu
1 5 10

<210> 16115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16115
Ser Asn Asp Gly Gly Asn Ile Leu Tyr
1 5

<210> 16116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16116
Asn Ile Leu Tyr Tyr Glu Val Met Val
1 5

<210> 16117
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16117
Ile Leu Tyr Tyr Glu Val Met Val Thr
1 5

<210> 16118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16118
His Ser Asn Asp Gly Gly Asn Ile Leu
1 5

<210> 16119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16119
Gly Asn Ile Leu Tyr Tyr Glu Val Met
1 5

<210> 16120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16120
His Ser Asn Asp Gly Gly Asn Ile Leu Tyr
1 5 10

<210> 16121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16121
Ser Asn Asp Gly Gly Asn Ile Leu Tyr Tyr
1 5 10

<210> 16122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16122
Phe His Ser Asn Asp Gly Gly Asn Ile Leu
1 5 10

<210> 16123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16123
Ile Asn Gln Lys Arg Ile Ala Glu Leu
1 5

<210> 16124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16124
Arg Ile Asn Gln Lys Arg Ile Ala Glu Leu
1 5 10

<210> 16125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16125
Ser Ser Pro Asp Leu Arg Ile Asn Gln Lys
1 5 10

<210> 16126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16126
Gly Gln Trp Gln Val Glu Pro Lys Val

1 5

<210> 16127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16127
Gln Trp Pro Gln Gly Gln Trp Gln Val
1 5

<210> 16128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16128
Gly Val Gln Val His Trp Ala Arg Arg
1 5

<210> 16129
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16129
Arg Gln Trp Pro Gln Gly Gln Trp Gln
1 5

<210> 16130
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16130
Trp Gln Val Glu Pro Lys Val Met His
1 5

<210> 16131

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16131
Val Leu Ser Leu Gly Gly Gly Val Gln Val
1 5 10

<210> 16132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16132
Arg Gln Trp Pro Gln Gly Gln Trp Gln Val
1 5 10

<210> 16133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16133
Lys Gln Val Leu Ser Leu Gly Gly Gly Val
1 5 10

<210> 16134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16134
Leu Ser Leu Gly Gly Gly Val Gln Val His
1 5 10

<210> 16135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16135
Ser Leu Gly Gly Gly Val Gln Val His Trp
1 5 10

<210> 16136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16136
Val Gln Val His Trp Ala Arg Arg Gln Trp
1 5 10

<210> 16137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16137
Ala Arg Arg Gln Trp Pro Gln Gly Gln Trp
1 5 10

<210> 16138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16138
Gly Gln Trp Gln Val Glu Pro Lys Val Met
1 5 10

<210> 16139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16139
Cys Gly Arg Ala Cys Ser Cys Gly Arg
1 5

<210> 16140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16140
Lys Arg His Thr Arg Arg Arg Ser Arg
1 5

<210> 16141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16141
His Thr Arg Arg Arg Ser Arg Ser Arg
1 5

<210> 16142
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16142
Arg Arg Ser Arg Ser Arg Pro Pro Arg
1 5

<210> 16143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16143
Arg Ser Arg Ser Arg Pro Pro Arg Arg
1 5

<210> 16144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16144
Glu Val Gly Gly Gly Ser Cys Gly Arg
1 5

<210> 16145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16145
His Thr Arg Arg Arg Ser Arg Ser Arg Pro
1 5 10

<210> 16146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16146
Arg Arg Arg Ser Arg Ser Arg Pro Pro Arg
1 5 10

<210> 16147
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16147
Met Met Val Pro Asn Gln Cys Lys Leu
1 5

<210> 16148
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16148
Met Thr Thr Gln Lys Leu Met Met Val
1 5

<210> 16149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16149
Leu Met Met Val Pro Asn Gln Cys Lys
1 5

<210> 16150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16150
Val Pro Asn Gln Cys Lys Leu Glu Leu
1 5

<210> 16151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16151
Glu Leu Ser Leu Arg Asn Tyr Ala Leu
1 5

<210> 16152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16152
Lys Lys Gly Gly Thr Gly Thr Asp Met
1 5

<210> 16153
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16153
Thr Asp Met Thr Thr Gln Lys Leu Met
1 5

<210> 16154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16154
Asn Gln Cys Lys Leu Glu Leu Glu Leu
1 5

<210> 16155
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16155
Cys Lys Leu Glu Leu Glu Leu Ser Leu
1 5

<210> 16156
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16156
Ala Leu Glu Ser Ser Gln Val Pro Met
1 5

<210> 16157
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16157
Leu Glu Leu Ser Leu Arg Asn Tyr Ala
1 5

<210> 16158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16158
Gly Thr Asp Met Thr Thr Gln Lys Leu Met
1 5 10

<210> 16159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16159
Leu Met Met Val Pro Asn Gln Cys Lys Leu
1 5 10

<210> 16160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16160
Ser Leu Met Lys Lys Gly Gly Thr Gly Thr
1 5 10

<210> 16161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16161
Lys Leu Met Met Val Pro Asn Gln Cys Lys
1 5 10

<210> 16162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16162
Ala Leu Glu Ser Ser Gln Val Pro Met Lys
1 5 10

<210> 16163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16163
Gly Thr Gly Thr Asp Met Thr Thr Gln Lys
1 5 10

<210> 16164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16164
Tyr Ala Leu Glu Ser Ser Gln Val Pro Met
1 5 10

<210> 16165
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16165
Met Lys Lys Gly Gly Thr Gly Thr Asp Met
1 5 10

<210> 16166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16166
Thr Asp Met Thr Thr Gln Lys Leu Met Met
1 5 10

<210> 16167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16167
Leu Glu Leu Glu Leu Ser Leu Arg Asn Tyr
1 5 10

<210> 16168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16168
Leu Glu Leu Ser Leu Arg Asn Tyr Ala Leu
1 5 10

<210> 16169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16169
Arg Asn Tyr Ala Leu Glu Ser Ser Gln Val
1 5 10

<210> 16170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16170
Pro Thr Asp Glu Asn Leu Ala His Tyr
1 5

<210> 16171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16171
Ala His Tyr Glu Ser Trp Ser Ser Ser
1 5

<210> 16172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16172
Asp Glu Asn Leu Ala His Tyr Glu Ser
1 5

<210> 16173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16173

Lys Pro Thr Asp Glu Asn Leu Ala His Tyr
1 5 10

<210> 16174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16174
Ala His Tyr Glu Ser Trp Ser Ser Ser Val
1 5 10

<210> 16175
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16175
Asp Glu Asn Leu Ala His Tyr Glu Ser Trp
1 5 10

<210> 16176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16176
Leu Ser Ser Met Pro Ala Leu His Arg
1 5

<210> 16177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16177
Ser Ser Met Pro Ala Leu His Arg Ala
1 5

<210> 16178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16178
Asn Thr Leu Ser Ser Met Pro Ala Leu
1 5

<210> 16179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16179
Ser Ser Thr Asn Thr Leu Ser Ser Met
1 5

<210> 16180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16180
Thr Leu Ser Ser Met Pro Ala Leu His Arg
1 5 10

<210> 16181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16181
Ser Thr Asn Thr Leu Ser Ser Met Pro Ala
1 5 10

<210> 16182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16182
Val Ser Ser Thr Asn Thr Leu Ser Ser Met
1 5 10

<210> 16183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16183
Leu Val Gly Gln Lys Arg Gly Ala Leu
1 5

<210> 16184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16184
Leu Val Gly Gln Lys Arg Gly Ala Leu Arg
1 5 10

<210> 16185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16185
Ser Pro Leu Pro Pro Thr Pro Pro Pro Leu
1 5 10

<210> 16186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16186
Leu Pro Pro Thr Pro Pro Pro Leu Pro Val
1 5 10

<210> 16187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16187
Asp Ala Ala Asp Gln Ala Thr Leu Ala
1 5

<210> 16188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16188
Thr Leu Ala Ala Arg Gln Glu Cys Asp Ile
1 5 10

<210> 16189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16189
Asp Ala Ala Asp Gln Ala Thr Leu Ala Ala
1 5 10

<210> 16190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16190
Lys Ala Asp Ala Ala Asp Gln Ala Thr Leu

1 5 10

<210> 16191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16191
Asn Gly Leu Glu Tyr His Arg Pro Lys Arg
1 5 10

<210> 16192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16192
Tyr His Arg Pro Lys Arg Gln Thr Ser Cys
1 5 10

<210> 16193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16193
Lys Ala Gly Ala Ser Pro Arg Ser Ala
1 5

<210> 16194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16194
Ser Pro Arg Ser Ala Pro Ala Arg Lys
1 5

<210> 16195

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16195
Arg Ser Ala Pro Ala Arg Lys Lys Ala
1 5

<210> 16196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16196
Ala Ser Pro Arg Ser Ala Pro Ala Arg Lys
1 5 10

<210> 16197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16197
Gly Ala Ser Pro Arg Ser Ala Pro Ala Arg
1 5 10

<210> 16198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16198
Ala Pro Ala Arg Lys Lys Ala Gln Thr Ala
1 5 10

<210> 16199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16199
Leu Lys Ala Gly Ala Ser Pro Arg Ser Ala
1 5 10

<210> 16200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16200
Ala Leu Ala Pro Leu Met Glu Leu Leu
1 5

<210> 16201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16201
Ala Glu Gly Ala Leu Ala Pro Leu Met
1 5

<210> 16202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16202
Gly Ala Leu Ala Pro Leu Met Glu Leu
1 5

<210> 16203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16203
Asp Ala Ile Asp Ala Glu Gly Ala Leu
1 5

<210> 16204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16204
Asp Ala Ile Asp Ala Glu Gly Ala Leu Ala
1 5 10

<210> 16205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16205
Ile Asp Ala Glu Gly Ala Leu Ala Pro Leu
1 5 10

<210> 16206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16206
Ser Thr Ile Asn Ser Asp Gly Ser Val
1 5

<210> 16207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16207
Asn Leu Arg Leu Ala Asn Ser Thr Ile
1 5

<210> 16208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16208
Thr Ile Asn Ser Asp Gly Ser Val Thr Val
1 5 10

<210> 16209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16209
Asn Ser Thr Ile Asn Ser Asp Gly Ser Val
1 5 10

<210> 16210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16210
Ala Asn Leu Arg Leu Ala Asn Ser Thr Ile
1 5 10

<210> 16211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16211
Ala Glu Arg Glu Leu Glu Leu Leu His
1 5

<210> 16212
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16212
Arg Glu Leu Glu Leu Leu His Ala Ser
1 5

<210> 16213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16213
Leu Leu His Ala Ser Leu Glu His Gln Arg
1 5 10

<210> 16214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16214
Ala Glu Arg Glu Leu Glu Leu Leu His Ala
1 5 10

<210> 16215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16215
Arg Glu Leu Glu Leu Leu His Ala Ser Leu
1 5 10

<210> 16216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16216
Leu Glu Leu Leu His Ala Ser Leu Glu His
1 5 10

<210> 16217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16217
Pro Leu Pro Gly Pro Pro Phe Pro Phe
1 5

<210> 16218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16218
Pro Phe Gln Asn Val Leu Val Val Leu
1 5

<210> 16219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16219
Phe Pro Phe Gln Asn Val Leu Val Val
1 5

<210> 16220
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16220
Gly Pro Pro Phe Pro Phe Gln Asn Val
1 5

<210> 16221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16221
Leu Pro Leu Pro Gly Pro Pro Phe Pro Phe
1 5 10

<210> 16222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16222
Gly Pro Pro Phe Pro Phe Gln Asn Val Leu
1 5 10

<210> 16223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16223
Phe Pro Phe Gln Asn Val Leu Val Val Leu
1 5 10

<210> 16224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16224
Pro Pro Phe Pro Phe Gln Asn Val Leu Val
1 5 10

<210> 16225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16225
Ala Val Val Cys Leu Glu Phe Pro Leu
1 5

<210> 16226
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16226
Cys Leu Glu Phe Pro Leu Leu Thr Val
1 5

<210> 16227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16227
Val Thr Ala Val Val Cys Leu Glu Phe
1 5

<210> 16228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16228
Leu Glu Phe Pro Leu Leu Thr Val Asp
1 5

<210> 16229
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16229
Tyr Val Thr Ala Val Val Cys Leu Glu Phe
1 5 10

<210> 16230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16230
Thr Ala Val Val Cys Leu Glu Phe Pro Leu
1 5 10

<210> 16231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16231
Gln Val Val Glu Cys Ala Ala Phe Leu
1 5

<210> 16232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16232
Leu Gln Val Val Glu Cys Ala Ala Phe
1 5

<210> 16233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16233
Ala Glu Asp Glu Leu Leu Gln Val Val
1 5

<210> 16234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16234
Leu Leu Gln Val Val Glu Cys Ala Ala Phe
1 5 10

<210> 16235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16235
Leu Gln Val Val Glu Cys Ala Ala Phe Leu
1 5 10

<210> 16236
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16236
Asp Glu Leu Leu Gln Val Val Glu Cys Ala
1 5 10

<210> 16237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16237

Tyr Ile Leu Gly Gly Ala Arg Pro Tyr
1 5

<210> 16238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16238
Ile Leu Gly Gly Ala Arg Pro Tyr Tyr
1 5

<210> 16239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16239
Tyr Ile Tyr Ile Leu Gly Gly Ala Arg
1 5

<210> 16240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16240
Ile Leu Gly Gly Ala Arg Pro Tyr Tyr Trp
1 5 10

<210> 16241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16241
Ile Tyr Ile Leu Gly Gly Ala Arg Pro Tyr
1 5 10

<210> 16242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16242
Tyr Ile Leu Gly Gly Ala Arg Pro Tyr Tyr
1 5 10

<210> 16243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16243
Gly Tyr Ile Tyr Ile Leu Gly Gly Ala Arg
1 5 10

<210> 16244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16244
Val Thr Val Glu Glu His Ile Phe Arg
1 5

<210> 16245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16245
Thr Gln Val Thr Val Glu Glu His Ile
1 5

<210> 16246
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16246
Ile Phe Arg Thr Ser Arg Lys Asn Ser Leu
1 5 10

<210> 16247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16247
Gln Val Thr Val Glu Glu His Ile Phe Arg
1 5 10

<210> 16248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16248
Thr Gln Val Thr Val Glu Glu His Ile Phe
1 5 10

<210> 16249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16249
Thr Thr Val Gly Tyr Cys Asp Met Tyr
1 5

<210> 16250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16250
Val Gly Tyr Cys Asp Met Tyr Pro Val
1 5

<210> 16251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16251
Met Thr Thr Val Gly Tyr Cys Asp Met Tyr
1 5 10

<210> 16252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16252
Thr Val Gly Tyr Cys Asp Met Tyr Pro Val
1 5 10

<210> 16253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16253
Gly Tyr Cys Asp Met Tyr Pro Val Thr Ile
1 5 10

<210> 16254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16254
Ser Met Thr Thr Val Gly Tyr Cys Asp Met

1 5 10

<210> 16255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16255
Ile Leu Phe Ser Ser Val Val Tyr Phe
1 5

<210> 16256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16256
Gly Val Ile Leu Phe Ser Ser Val Val
1 5

<210> 16257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16257
Val Ile Leu Phe Ser Ser Val Val Tyr
1 5

<210> 16258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16258
Ser Ser Val Val Tyr Phe Ala Glu Ala
1 5

<210> 16259

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16259
Phe Ile Gly Val Ile Leu Phe Ser Ser Val
1 5 10

<210> 16260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16260
Ile Leu Phe Ser Ser Val Val Tyr Phe Ala
1 5 10

<210> 16261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16261
Phe Ser Ser Val Val Tyr Phe Ala Glu Ala
1 5 10

<210> 16262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16262
Val Ile Leu Phe Ser Ser Val Val Tyr Phe
1 5 10

<210> 16263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16263
Gly Val Ile Leu Phe Ser Ser Val Val Tyr
1 5 10

<210> 16264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16264
His Gln Leu Ala His Val Glu Ala Val
1 5

<210> 16265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16265
Gln Leu Asn Asp Asn His Gln Leu Ala
1 5

<210> 16266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16266
Gly Gln Leu Asn Asp Asn His Gln Leu
1 5

<210> 16267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16267
Gly Gln Leu Asn Asp Asn His Gln Leu Ala
1 5 10

<210> 16268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16268
His Gln Leu Ala His Val Glu Ala Val Cys
1 5 10

<210> 16269
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16269
Asp Glu Phe Gly Gln Leu Asn Asp Asn His
1 5 10

<210> 16270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16270
Lys Gln Lys Leu Pro Lys Lys Lys Arg
1 5

<210> 16271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16271
Arg Ser Trp Asp Leu Pro Ile Ile Val
1 5

<210> 16272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16272
Leu Pro Lys Lys Lys Arg Ser Ile Phe
1 5

<210> 16273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16273
Ser Ile Phe Arg Gly His Arg Ser Trp
1 5

<210> 16274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16274
Gly His Arg Ser Trp Asp Leu Pro Ile
1 5

<210> 16275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16275
Trp Asp Leu Pro Ile Ile Val Asn Leu
1 5

<210> 16276
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16276
Ile Phe Arg Gly His Arg Ser Trp Asp Leu
1 5 10

<210> 16277
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16277
Lys Lys Arg Ser Ile Phe Arg Gly His Arg
1 5 10

<210> 16278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16278
Arg Gly His Arg Ser Trp Asp Leu Pro Ile
1 5 10

<210> 16279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16279
Leu Pro Lys Lys Lys Arg Ser Ile Phe Arg
1 5 10

<210> 16280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16280
Arg Ser Ile Phe Arg Gly His Arg Ser Trp
1 5 10

<210> 16281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16281
Gly His Arg Ser Trp Asp Leu Pro Ile Ile
1 5 10

<210> 16282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16282
Ser Leu Asn Ala Tyr Leu His Ser Lys
1 5

<210> 16283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16283
Lys Thr Gly Ser Leu Asn Ala Tyr Leu
1 5

<210> 16284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16284
Leu Asn Ala Tyr Leu His Ser Lys Arg
1 5

<210> 16285
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16285
Ile Arg Val Ala Lys Thr Gly Ser Leu
1 5

<210> 16286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16286
Ala Lys Thr Gly Ser Leu Asn Ala Tyr
1 5

<210> 16287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16287
Gly Ser Leu Asn Ala Tyr Leu His Ser Lys
1 5 10

<210> 16288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16288
Lys Thr Gly Ser Leu Asn Ala Tyr Leu His
1 5 10

<210> 16289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16289
Ser Leu Asn Ala Tyr Leu His Ser Lys Arg
1 5 10

<210> 16290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16290
Arg Ile Arg Val Ala Lys Thr Gly Ser Leu
1 5 10

<210> 16291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16291
Arg Val Ala Lys Thr Gly Ser Leu Asn Ala
1 5 10

<210> 16292
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16292
Val Ala Lys Thr Gly Ser Leu Asn Ala Tyr
1 5 10

<210> 16293
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16293
Ala Lys Thr Gly Ser Leu Asn Ala Tyr Leu
1 5 10

<210> 16294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16294
Arg Ala Pro Pro Thr Ser Trp Leu Ala
1 5

<210> 16295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16295
Asn His Arg Ala Pro Pro Thr Ser Trp
1 5

<210> 16296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16296
His Arg Ala Pro Pro Thr Ser Trp Leu
1 5

<210> 16297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16297
Lys Ile Phe Ser Ile Cys Thr Ile Leu
1 5

<210> 16298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16298
Ile Leu Ile Gly Ala Leu Met His Ala
1 5

<210> 16299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16299
Ser Ile Cys Thr Ile Leu Ile Gly Ala
1 5

<210> 16300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16300
Ile Phe Ser Ile Cys Thr Ile Leu Ile
1 5

<210> 16301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16301

Cys Thr Ile Leu Ile Gly Ala Leu Met
1 5

<210> 16302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16302
Glu Lys Ile Phe Ser Ile Cys Thr Ile
1 5

<210> 16303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16303
Lys Ile Phe Ser Ile Cys Thr Ile Leu Ile
1 5 10

<210> 16304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16304
Phe Ser Ile Cys Thr Ile Leu Ile Gly Ala
1 5 10

<210> 16305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16305
Ile Leu Ile Gly Ala Leu Met His Ala Leu
1 5 10

<210> 16306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16306
Ser Ile Cys Thr Ile Leu Ile Gly Ala Leu
1 5 10

<210> 16307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16307
Ala Glu Lys Ile Phe Ser Ile Cys Thr Ile
1 5 10

<210> 16308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16308
Glu Lys Ile Phe Ser Ile Cys Thr Ile Leu
1 5 10

<210> 16309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16309
Leu Ala Met Ala Ser Ala Thr Ser Val
1 5

<210> 16310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16310
Ser Met Gln Leu Trp Pro Pro Thr Met
1 5

<210> 16311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16311
Met Gln Leu Trp Pro Pro Thr Met Ala
1 5

<210> 16312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16312
Ser Leu Glu Pro Ser Ser Ser Pro Leu
1 5

<210> 16313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16313
Asn Val His Trp Pro Leu Cys Phe Leu
1 5

<210> 16314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16314
Arg Leu Pro Gly Pro Arg Ser Gly Leu
1 5

<210> 16315
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16315
Ala Met Ala Ser Ala Thr Ser Val Arg
1 5

<210> 16316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16316
Ser Ser Ser Gln Val Pro Ser Trp Arg
1 5

<210> 16317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16317
Ser Ser Gln Val Pro Ser Trp Arg Arg
1 5

<210> 16318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16318
Val Trp Tyr Arg Cys Thr His Ser Leu

1 5

<210> 16319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16319
Arg Asn Val His Trp Pro Leu Cys Phe
1 5

<210> 16320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16320
Val His Trp Pro Leu Cys Phe Leu Leu
1 5

<210> 16321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16321
Ser Val Arg Asn Val His Trp Pro Leu
1 5

<210> 16322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16322
Ser Trp Cys Ser Pro Pro Ser Trp Lys
1 5

<210> 16323

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16323
Ser Trp Arg Arg Leu Pro Gly Pro Arg
1 5

<210> 16324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16324
Ser Gly Leu Arg Pro Phe Val Ser Ala
1 5

<210> 16325
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16325
Pro Thr Thr Pro Pro Val Trp Tyr Arg
1 5

<210> 16326
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16326
Asp Pro Arg Pro Thr Thr Pro Pro Val
1 5

<210> 16327
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16327
Ser Pro Leu Asn Pro Lys Pro Pro Leu
1 5

<210> 16328
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16328
Lys Pro Pro Leu Ala Met Ala Ser Ala
1 5

<210> 16329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16329
Val Pro Ser Trp Arg Arg Leu Pro Gly
1 5

<210> 16330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16330
Gly Pro Arg Ser Gly Leu Arg Pro Phe
1 5

<210> 16331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16331
Trp Pro Pro Thr Met Ala Ser Pro Ala
1 5

<210> 16332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16332
Phe Leu Leu Pro Ser Trp Cys Ser Pro
1 5

<210> 16333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16333
Lys Ser Ser Ser Gln Val Pro Ser Trp
1 5

<210> 16334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16334
Ser Gln Val Pro Ser Trp Arg Arg Leu
1 5

<210> 16335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16335
Leu Arg Pro Phe Val Ser Ala Ser Met
1 5

<210> 16336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16336
Phe Val Ser Ala Ser Met Gln Leu Trp
1 5

<210> 16337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16337
Ala Ser Met Gln Leu Trp Pro Pro Thr
1 5

<210> 16338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16338
Trp Pro Leu Cys Phe Leu Leu Pro Ser
1 5

<210> 16339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16339
Leu Pro Ser Trp Cys Ser Pro Pro Ser
1 5

<210> 16340
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16340
Leu Glu Leu Asp Pro Arg Pro Thr Thr
1 5

<210> 16341
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16341
Phe Leu Leu Pro Ser Trp Cys Ser Pro Pro
1 5 10

<210> 16342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16342
Ser Met Gln Leu Trp Pro Pro Thr Met Ala
1 5 10

<210> 16343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16343
Pro Leu Ala Met Ala Ser Ala Thr Ser Val
1 5 10

<210> 16344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16344
Leu Leu Pro Ser Trp Cys Ser Pro Pro Ser
1 5 10

<210> 16345
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16345
Gly Leu Arg Pro Phe Val Ser Ala Ser Met
1 5 10

<210> 16346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16346
Leu Ala Met Ala Ser Ala Thr Ser Val Arg
1 5 10

<210> 16347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16347
Pro Ser Trp Cys Ser Pro Pro Ser Trp Lys
1 5 10

<210> 16348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16348
Lys Ser Ser Ser Gln Val Pro Ser Trp Arg
1 5 10

<210> 16349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16349
Ser Ser Ser Gln Val Pro Ser Trp Arg Arg
1 5 10

<210> 16350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16350
Pro Phe Val Ser Ala Ser Met Gln Leu Trp
1 5 10

<210> 16351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16351
His Ser Leu Glu Pro Ser Ser Ser Pro Leu
1 5 10

<210> 16352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16352
Ser Val Arg Asn Val His Trp Pro Leu Cys
1 5 10

<210> 16353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16353
Ser Trp Lys Ser Ser Ser Gln Val Pro Ser
1 5 10

<210> 16354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16354
Ser Trp Arg Arg Leu Pro Gly Pro Arg Ser
1 5 10

<210> 16355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16355
Arg Ser Gly Leu Arg Pro Phe Val Ser Ala
1 5 10

<210> 16356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16356
Ala Ser Met Gln Leu Trp Pro Pro Thr Met
1 5 10

<210> 16357
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16357
Arg Pro Thr Thr Pro Pro Val Trp Tyr Arg
1 5 10

<210> 16358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16358
Met Ala Ser Ala Thr Ser Val Arg Asn Val
1 5 10

<210> 16359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16359
Thr Ser Val Arg Asn Val His Trp Pro Leu
1 5 10

<210> 16360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16360
Asn Val His Trp Pro Leu Cys Phe Leu Leu
1 5 10

<210> 16361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16361
Gly Pro Arg Ser Gly Leu Arg Pro Phe Val
1 5 10

<210> 16362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16362
Arg Pro Phe Val Ser Ala Ser Met Gln Leu
1 5 10

<210> 16363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16363
Ser Ala Thr Ser Val Arg Asn Val His Trp
1 5 10

<210> 16364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16364
Val Arg Asn Val His Trp Pro Leu Cys Phe
1 5 10

<210> 16365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16365

Arg Asn Val His Trp Pro Leu Cys Phe Leu
1 5 10

<210> 16366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16366
Trp Lys Ser Ser Ser Gln Val Pro Ser Trp
1 5 10

<210> 16367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16367
Ser Gln Val Pro Ser Trp Arg Arg Leu Pro
1 5 10

<210> 16368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16368
Arg Arg Leu Pro Gly Pro Arg Ser Gly Leu
1 5 10

<210> 16369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16369
Met Gln Leu Trp Pro Pro Thr Met Ala Ser
1 5 10

<210> 16370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16370
Trp Pro Leu Cys Phe Leu Leu Pro Ser Trp
1 5 10

<210> 16371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16371
Leu Pro Ser Trp Cys Ser Pro Pro Ser Trp
1 5 10

<210> 16372
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16372
Asp Pro Arg Pro Thr Thr Pro Pro Val Trp
1 5 10

<210> 16373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16373
Tyr Ser Phe Gly Asp Leu Pro Met Lys
1 5

<210> 16374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16374
Ala Tyr Ser Phe Gly Asp Leu Pro Met
1 5

<210> 16375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16375
Ser Phe Gly Asp Leu Pro Met Lys Leu
1 5

<210> 16376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16376
Thr Thr Ser Glu Lys Ala Tyr Ser Phe
1 5

<210> 16377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16377
Lys Ala Tyr Ser Phe Gly Asp Leu Pro Met
1 5 10

<210> 16378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16378
Ala Tyr Ser Phe Gly Asp Leu Pro Met Lys
1 5 10

<210> 16379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16379
Tyr Ser Phe Gly Asp Leu Pro Met Lys Leu
1 5 10

<210> 16380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16380
Ser Thr Thr Ser Glu Lys Ala Tyr Ser Phe
1 5 10

<210> 16381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16381
Ser Glu Lys Ala Tyr Ser Phe Gly Asp Leu
1 5 10

<210> 16382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16382
Gly Thr Val Leu Leu Leu Leu Ala Tyr

1 5

<210> 16383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16383
Arg Val Arg Gly Cys Ala Val Pro Gly
1 5

<210> 16384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16384
Cys Ala Val Pro Gly Thr Val Leu Leu
1 5

<210> 16385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16385
Val Pro Gly Thr Val Leu Leu Leu Leu
1 5

<210> 16386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16386
Arg Val Arg Gly Cys Ala Val Pro Gly Thr
1 5 10

<210> 16387

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16387
Pro Gly Thr Val Leu Leu Leu Leu Ala Tyr
1 5 10

<210> 16388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16388
Arg Gly Cys Ala Val Pro Gly Thr Val Leu
1 5 10

<210> 16389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16389
Cys Ala Val Pro Gly Thr Val Leu Leu Leu
1 5 10

<210> 16390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16390
Val Pro Gly Thr Val Leu Leu Leu Leu Ala
1 5 10

<210> 16391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16391
Ala Leu Gly Lys Leu Phe Pro Val Leu
1 5

<210> 16392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16392
Lys Leu Phe Pro Val Leu Cys Phe Leu
1 5

<210> 16393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16393
Val Leu Cys Phe Leu Cys Phe Leu Val
1 5

<210> 16394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16394
Glu Ala Leu Gly Lys Leu Phe Pro Val
1 5

<210> 16395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16395
Gly Lys Leu Phe Pro Val Leu Cys Phe
1 5

<210> 16396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16396
Phe Pro Val Leu Cys Phe Leu Cys Phe
1 5

<210> 16397
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16397
Lys Leu Phe Pro Val Leu Cys Phe Leu Cys
1 5 10

<210> 16398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16398
Leu Phe Pro Val Leu Cys Phe Leu Cys Phe
1 5 10

<210> 16399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16399
Phe Pro Val Leu Cys Phe Leu Cys Phe Leu
1 5 10

<210> 16400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16400
Leu Gly Lys Leu Phe Pro Val Leu Cys Phe
1 5 10

<210> 16401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16401
Gly Lys Leu Phe Pro Val Leu Cys Phe Leu
1 5 10

<210> 16402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16402
Pro Glu Ala Leu Gly Lys Leu Phe Pro Val
1 5 10

<210> 16403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16403
Ala Trp Arg Glu Arg Pro Gly Tyr Arg
1 5

<210> 16404
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16404
Ser Ala Trp Arg Glu Arg Pro Gly Tyr
1 5

<210> 16405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16405
Met Leu Pro Ser Ala Trp Arg Glu Arg
1 5

<210> 16406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16406
Ser Ala Trp Arg Glu Arg Pro Gly Tyr Arg
1 5 10

<210> 16407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16407
Ala Trp Arg Glu Arg Pro Gly Tyr Arg Ala
1 5 10

<210> 16408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16408
Pro Ser Ala Trp Arg Glu Arg Pro Gly Tyr
1 5 10

<210> 16409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16409
Ile Gly Phe Gly Asn Ile Ser Pro Leu
1 5

<210> 16410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16410
Ser Pro Leu Thr Glu Gly Gly Lys Ile Phe
1 5 10

<210> 16411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16411
Cys Gly Lys Lys Phe Glu Glu Ser Met
1 5

<210> 16412
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16412
Lys Lys Phe Glu Glu Ser Met Ser Leu
1 5

<210> 16413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16413
Cys Ser Tyr Ile Pro Lys Cys Gly Lys Lys
1 5 10

<210> 16414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16414
Ser Tyr Ile Pro Lys Cys Gly Lys Lys Phe
1 5 10

<210> 16415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16415
Lys Lys Phe Glu Glu Ser Met Ser Leu Val
1 5 10

<210> 16416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16416
Met Cys Leu Asn Ser Leu Pro Asn Phe
1 5

<210> 16417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16417
Cys Leu Asn Ser Leu Pro Asn Phe Gln Ile
1 5 10

<210> 16418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16418
Thr Met Cys Leu Asn Ser Leu Pro Asn Phe
1 5 10

<210> 16419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16419
Lys Thr Phe Ala Leu Glu Leu Lys Val
1 5

<210> 16420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16420
Arg Val Ala Met Trp Ile Ser Ser Val
1 5

<210> 16421
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16421
Gly Leu Lys Thr Phe Ala Leu Glu Leu
1 5

<210> 16422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16422
Lys Leu Arg Glu Gly Leu Ala Ala Gly
1 5

<210> 16423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16423
Lys Val Thr Leu Pro Val Lys Lys Lys
1 5

<210> 16424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16424
Ile Met Tyr Asn Ala Pro Ser Ser Arg
1 5

<210> 16425
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16425
Ser Val Phe Glu Ala Asn Pro Ser Arg
1 5

<210> 16426
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16426
Val Ala Met Trp Ile Ser Ser Val Phe
1 5

<210> 16427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16427
Glu Leu Lys Val Thr Leu Pro Val Lys
1 5

<210> 16428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16428
Lys Ser Ser Ile Ile Met Tyr Asn Ala
1 5

<210> 16429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16429

Ser Ser Arg Cys His Gly Lys Arg Lys
1 5

<210> 16430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16430
Lys Arg Lys Lys Gly Arg Val Ala Met
1 5

<210> 16431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16431
Lys Gly Arg Val Ala Met Trp Ile Ser
1 5

<210> 16432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16432
Gly Leu Lys Ser Ser Ile Ile Met Tyr
1 5

<210> 16433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16433
Leu Lys Glu Arg Gly Leu Lys Thr Phe
1 5

<210> 16434
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16434
Phe Ala Leu Glu Leu Lys Val Thr Leu
1 5

<210> 16435
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16435
Leu Glu Leu Lys Val Thr Leu Pro Val
1 5

<210> 16436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16436
Lys Lys Leu Arg Glu Gly Leu Ala Ala
1 5

<210> 16437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16437
Leu Ala Ala Gly Leu Lys Ser Ser Ile
1 5

<210> 16438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16438
Ala Gly Leu Lys Ser Ser Ile Ile Met
1 5

<210> 16439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16439
Arg Lys Lys Gly Arg Val Ala Met Trp
1 5

<210> 16440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16440
Met Trp Ile Ser Ser Val Phe Glu Ala
1 5

<210> 16441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16441
Phe Glu Ala Asn Pro Ser Arg Ile Trp
1 5

<210> 16442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16442
Lys Glu Arg Gly Leu Lys Thr Phe Ala
1 5

<210> 16443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16443
Ala Leu Glu Leu Lys Val Thr Leu Pro Val
1 5 10

<210> 16444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16444
Lys Leu Arg Glu Gly Leu Ala Ala Gly Leu
1 5 10

<210> 16445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16445
Gly Leu Ala Ala Gly Leu Lys Ser Ser Ile
1 5 10

<210> 16446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16446
Ala Met Trp Ile Ser Ser Val Phe Glu Ala

1 5 10

<210> 16447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16447
Ile Met Tyr Asn Ala Pro Ser Ser Arg Cys
1 5 10

<210> 16448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16448
Ser Val Phe Glu Ala Asn Pro Ser Arg Ile
1 5 10

<210> 16449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16449
Gly Leu Lys Thr Phe Ala Leu Glu Leu Lys
1 5 10

<210> 16450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16450
Ile Ile Met Tyr Asn Ala Pro Ser Ser Arg
1 5 10

<210> 16451

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16451
Thr Phe Ala Leu Glu Leu Lys Val Thr Leu
1 5 10

<210> 16452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16452
Arg Val Ala Met Trp Ile Ser Ser Val Phe
1 5 10

<210> 16453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16453
Val Phe Glu Ala Asn Pro Ser Arg Ile Trp
1 5 10

<210> 16454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16454
Arg Gly Leu Lys Thr Phe Ala Leu Glu Leu
1 5 10

<210> 16455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16455
Ser Ser Arg Cys His Gly Lys Arg Lys Lys
1 5 10

<210> 16456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16456
Lys Gly Arg Val Ala Met Trp Ile Ser Ser
1 5 10

<210> 16457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16457
Ala Gly Leu Lys Ser Ser Ile Ile Met Tyr
1 5 10

<210> 16458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16458
Val Thr Leu Pro Val Lys Lys Lys Leu Arg
1 5 10

<210> 16459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16459
Val Leu Lys Glu Arg Gly Leu Lys Thr Phe
1 5 10

<210> 16460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16460
Lys Glu Arg Gly Leu Lys Thr Phe Ala Leu
1 5 10

<210> 16461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16461
Leu Ala Ala Gly Leu Lys Ser Ser Ile Ile
1 5 10

<210> 16462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16462
Ala Ala Gly Leu Lys Ser Ser Ile Ile Met
1 5 10

<210> 16463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16463
Gly Lys Arg Lys Lys Gly Arg Val Ala Met
1 5 10

<210> 16464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16464
Arg Lys Lys Gly Arg Val Ala Met Trp Ile
1 5 10

<210> 16465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16465
Gly Arg Val Ala Met Trp Ile Ser Ser Val
1 5 10

<210> 16466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16466
Arg Glu Gly Leu Ala Ala Gly Leu Lys Ser
1 5 10

<210> 16467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16467
Met Ser Asp Pro Ile Met Leu Asn Val
1 5

<210> 16468
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16468
Met Leu Asn Val Gly Gly Lys Leu Tyr
1 5

<210> 16469
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16469
Ile Met Leu Asn Val Gly Gly Lys Leu
1 5

<210> 16470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16470
Ile Met Leu Asn Val Gly Gly Lys Leu Tyr
1 5 10

<210> 16471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16471
Ile Met Gly Asp Asp Ile Phe Cys Tyr
1 5

<210> 16472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16472
Gly Gln Glu Phe Ala Arg Asn Asn Ile
1 5

<210> 16473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16473
Gln Glu Phe Ala Arg Asn Asn Ile Met
1 5

<210> 16474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16474
Ile Met Gly Asp Asp Ile Phe Cys Tyr Tyr
1 5 10

<210> 16475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16475
Asn Ile Met Gly Asp Asp Ile Phe Cys Tyr
1 5 10

<210> 16476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16476
Gly Gln Glu Phe Ala Arg Asn Asn Ile Met
1 5 10

<210> 16477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16477
Arg Asn Asn Ile Met Gly Asp Asp Ile Phe
1 5 10

<210> 16478
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16478
Arg Ser Trp Asp His Asn Glu Leu Phe
1 5

<210> 16479
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16479
Ala Arg Ser Trp Asp His Asn Glu Leu
1 5

<210> 16480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16480
Asp His Asn Glu Leu Phe Ala Gln Phe
1 5

<210> 16481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16481
Asn Glu Leu Phe Ala Gln Phe Ala Gly
1 5

<210> 16482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16482
Ser Ala Arg Ser Trp Asp His Asn Glu Leu
1 5 10

<210> 16483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16483
Arg Ser Trp Asp His Asn Glu Leu Phe Ala
1 5 10

<210> 16484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16484
Ala Arg Ser Trp Asp His Asn Glu Leu Phe
1 5 10

<210> 16485
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16485
Trp Asp His Asn Glu Leu Phe Ala Gln Phe
1 5 10

<210> 16486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16486
Phe Pro Arg Ser Ser Leu His Pro Gln
1 5

<210> 16487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16487
Ile Pro Phe Pro Arg Ser Ser Leu His
1 5

<210> 16488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16488
Thr Gly Ile Pro Phe Pro Arg Ser Ser Leu
1 5 10

<210> 16489
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16489
Ser Val Lys Asp Gly Arg Arg Lys Ile
1 5

<210> 16490
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16490
Asp Phe Gly Ser Gly Phe Ser Val Lys
1 5

<210> 16491
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16491
Lys Asp Phe Gly Ser Gly Phe Ser Val
1 5

<210> 16492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16492
Ser Ser Lys Asp Phe Gly Ser Gly Phe Ser
1 5 10

<210> 16493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16493

Lys Asp Phe Gly Ser Gly Phe Ser Val Lys
1 5 10

<210> 16494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16494
Ser Val Lys Asp Gly Arg Arg Lys Ile Leu
1 5 10

<210> 16495
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16495
Val Ala Val Leu Asn Cys Leu Leu Tyr
1 5

<210> 16496
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16496
Ala Val Leu Asn Cys Leu Leu Tyr Ala
1 5

<210> 16497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16497
Val Leu Asn Cys Leu Leu Tyr Ala Val
1 5

<210> 16498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16498
Cys Leu Leu Tyr Ala Val Gly Gly Phe
1 5

<210> 16499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16499
Gly Val Ala Val Leu Asn Cys Leu Leu Tyr
1 5 10

<210> 16500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16500
Ala Val Leu Asn Cys Leu Leu Tyr Ala Val
1 5 10

<210> 16501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16501
Leu Tyr Ala Val Gly Gly Phe Asp Trp
1 5

<210> 16502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16502
Ala Val Gly Gly Phe Asp Trp Thr Asn Arg
1 5 10

<210> 16503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16503
Leu Leu Tyr Ala Val Gly Gly Phe Asp Trp
1 5 10

<210> 16504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16504
Phe Asp Trp Thr Asn Arg Leu Asn Ser Ala
1 5 10

<210> 16505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16505
Arg Met Thr Ser Gly Arg Ser Trp Val
1 5

<210> 16506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16506
Ser Trp Val Gly Val Ala Val Thr Met
1 5

<210> 16507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16507
Ser Gly Arg Ser Trp Val Gly Val Ala
1 5

<210> 16508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16508
Thr Arg Met Thr Ser Gly Arg Ser Trp
1 5

<210> 16509
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16509
Gly Arg Ser Trp Val Gly Val Ala Val
1 5

<210> 16510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16510
Arg Ser Trp Val Gly Val Ala Val Thr

1 5

<210> 16511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16511
Met Thr Ser Gly Arg Ser Trp Val Gly Val
1 5 10

<210> 16512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16512
Ser Gly Arg Ser Trp Val Gly Val Ala Val
1 5 10

<210> 16513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16513
Arg Ser Trp Val Gly Val Ala Val Thr Met
1 5 10

<210> 16514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16514
Val Thr Arg Met Thr Ser Gly Arg Ser Trp
1 5 10

<210> 16515

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16515
Arg Met Thr Ser Gly Arg Ser Trp Val Gly
1 5 10

<210> 16516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16516
Phe Ile Ser Met Gly Glu Lys Cys Val
1 5

<210> 16517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16517
Thr Ala Phe Ile Ser Met Gly Glu Lys
1 5

<210> 16518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16518
Phe Ala Tyr Thr Ala Phe Ile Ser Met
1 5

<210> 16519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16519
Tyr Thr Ala Phe Ile Ser Met Gly Glu
1 5

<210> 16520
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16520
Leu Ile Glu Phe Ala Tyr Thr Ala Phe
1 5

<210> 16521
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16521
Ile Glu Phe Ala Tyr Thr Ala Phe Ile
1 5

<210> 16522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16522
Arg Leu Ile Glu Phe Ala Tyr Thr Ala Phe
1 5 10

<210> 16523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16523
Leu Ile Glu Phe Ala Tyr Thr Ala Phe Ile
1 5 10

<210> 16524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16524
Phe Ile Ser Met Gly Glu Lys Cys Val Leu
1 5 10

<210> 16525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16525
Tyr Thr Ala Phe Ile Ser Met Gly Glu Lys
1 5 10

<210> 16526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16526
Ile Glu Phe Ala Tyr Thr Ala Phe Ile Ser
1 5 10

<210> 16527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16527
Glu Phe Ala Tyr Thr Ala Phe Ile Ser Met
1 5 10

<210> 16528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16528
Val Leu His Phe Met Asn Gly Ala Val
1 5

<210> 16529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16529
Phe Met Asn Gly Ala Val Met Tyr Gln
1 5

<210> 16530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16530
His Phe Met Asn Gly Ala Val Met Tyr
1 5

<210> 16531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16531
Cys Val Leu His Phe Met Asn Gly Ala
1 5

<210> 16532
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16532
Met Gly Glu Lys Cys Val Leu His Phe
1 5

<210> 16533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16533
Gly Glu Lys Cys Val Leu His Phe Met
1 5

<210> 16534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16534
Leu His Phe Met Asn Gly Ala Val Met
1 5

<210> 16535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16535
Cys Val Leu His Phe Met Asn Gly Ala Val
1 5 10

<210> 16536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16536
Phe Met Asn Gly Ala Val Met Tyr Gln Ile
1 5 10

<210> 16537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16537
Ser Met Gly Glu Lys Cys Val Leu His Phe
1 5 10

<210> 16538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16538
Leu His Phe Met Asn Gly Ala Val Met Tyr
1 5 10

<210> 16539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16539
Val Leu His Phe Met Asn Gly Ala Val Met
1 5 10

<210> 16540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16540
Gln Leu Arg Phe Tyr Val Gln Ala Leu
1 5

<210> 16541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16541
Lys Tyr Asp Cys Glu Gln Leu Arg Phe
1 5

<210> 16542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16542
Leu Arg Phe Tyr Val Gln Ala Leu Leu
1 5

<210> 16543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16543
Gln Leu Arg Phe Tyr Val Gln Ala Leu Leu
1 5 10

<210> 16544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16544
Lys Tyr Asp Cys Glu Gln Leu Arg Phe Tyr
1 5 10

<210> 16545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16545
Trp Val Lys Tyr Asp Cys Glu Gln Leu Arg
1 5 10

<210> 16546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16546
Glu Gln Leu Arg Phe Tyr Val Gln Ala Leu
1 5 10

<210> 16547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16547
Val Lys Tyr Asp Cys Glu Gln Leu Arg Phe
1 5 10

<210> 16548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16548
Cys Glu Gln Leu Arg Phe Tyr Val Gln Ala
1 5 10

<210> 16549
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16549
Cys Met Glu Glu Thr Gly Thr Phe Phe
1 5

<210> 16550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16550
Lys Cys Met Glu Glu Thr Gly Thr Phe
1 5

<210> 16551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16551
Met Lys Cys Met Glu Glu Thr Gly Thr Phe
1 5 10

<210> 16552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16552
Lys Cys Met Glu Glu Thr Gly Thr Phe Phe
1 5 10

<210> 16553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16553
Arg Ile Ala Pro Thr Ala Pro Leu Arg
1 5

<210> 16554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16554
Ala Pro Leu Arg Gly Arg Gly Gly Ala
1 5

<210> 16555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16555
Pro Leu Arg Gly Arg Gly Gly Ala Ile
1 5

<210> 16556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16556
Ile Arg Ile Ala Pro Thr Ala Pro Leu
1 5

<210> 16557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16557

Gly Ile Arg Ile Ala Pro Thr Ala Pro Leu
1 5 10

<210> 16558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16558
Ala Pro Leu Arg Gly Arg Gly Gly Ala Ile
1 5 10

<210> 16559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16559
Lys Ser Ile Thr Lys Leu Gly Lys Arg
1 5

<210> 16560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16560
Ile Thr Lys Leu Gly Lys Arg Gly Val
1 5

<210> 16561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16561
Arg Gly Val Lys Gln Phe Lys Asn Lys
1 5

<210> 16562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16562
Leu Gly Lys Arg Gly Val Lys Gln Phe
1 5

<210> 16563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16563
Ile Thr Lys Leu Gly Lys Arg Gly Val Lys
1 5 10

<210> 16564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16564
Leu Gly Lys Arg Gly Val Lys Gln Phe Lys
1 5 10

<210> 16565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16565
Lys Leu Gly Lys Arg Gly Val Lys Gln Phe
1 5 10

<210> 16566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16566
His Ser Val Pro Ser Thr Pro Pro Arg
1 5

<210> 16567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16567
Arg Ser Asn Gln Asn Arg Glu Trp Cys Leu
1 5 10

<210> 16568
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16568
Ala Pro Ala Thr Gln Ala Pro Cys Met
1 5

<210> 16569
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16569
Ser Glu Ile Pro Pro Pro Ala Pro Ala
1 5

<210> 16570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16570
Ala Pro Ala Thr Gln Ala Pro Cys Met Met
1 5 10

<210> 16571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16571
Ser Glu Ile Pro Pro Pro Ala Pro Ala Thr
1 5 10

<210> 16572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16572
Met Pro Gly Ser Glu Ile Pro Pro Pro Ala
1 5 10

<210> 16573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16573
Ile Ser Lys Lys Gln Asn Ala Leu Ala
1 5

<210> 16574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16574
Asn Ile Ser Lys Lys Gln Asn Ala Leu

1 5

<210> 16575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16575
Lys Lys Gln Asn Ala Leu Ala Glu His
1 5

<210> 16576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16576
Glu Tyr Gln Trp Ile Asp Gln Ile Arg
1 5

<210> 16577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16577
Trp Ile Asp Gln Ile Arg Thr Pro Arg
1 5

<210> 16578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16578
Pro Glu Tyr Gln Trp Ile Asp Gln Ile
1 5

<210> 16579

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16579
Gln Trp Ile Asp Gln Ile Arg Thr Pro Arg
1 5 10

<210> 16580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16580
Tyr Gln Trp Ile Asp Gln Ile Arg Thr Pro
1 5 10

<210> 16581
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16581
Asp Pro Glu Tyr Gln Trp Ile Asp Gln Ile
1 5 10

<210> 16582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16582
Trp Ile His Ser Phe Arg Gly Val Lys
1 5

<210> 16583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16583
Tyr Asn Lys Ser Trp Ile His Ser Phe
1 5

<210> 16584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16584
Lys Ser Trp Ile His Ser Phe Arg Gly
1 5

<210> 16585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16585
Asn Lys Ser Trp Ile His Ser Phe Arg
1 5

<210> 16586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16586
Arg Ile Trp Asn Tyr Asn Lys Ser Trp
1 5

<210> 16587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16587
Trp Asn Tyr Asn Lys Ser Trp Ile His
1 5

<210> 16588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16588
Asn Tyr Asn Lys Ser Trp Ile His Ser Phe
1 5 10

<210> 16589
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16589
Arg Ile Trp Asn Tyr Asn Lys Ser Trp Ile
1 5 10

<210> 16590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16590
Lys Ser Trp Ile His Ser Phe Arg Gly Val
1 5 10

<210> 16591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16591
Ser Trp Ile His Ser Phe Arg Gly Val Lys
1 5 10

<210> 16592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16592
Tyr Asn Lys Ser Trp Ile His Ser Phe Arg
1 5 10

<210> 16593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16593
Ile Arg Ile Trp Asn Tyr Asn Lys Ser Trp
1 5 10

<210> 16594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16594
Ala Thr Arg Lys Thr Ile Cys Glu Ala
1 5

<210> 16595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16595
Arg Lys Thr Ile Cys Glu Ala Glu Tyr
1 5

<210> 16596
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16596
Arg Pro Leu Ser Ala Thr Arg Lys Thr Ile
1 5 10

<210> 16597
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16597
Thr Arg Lys Thr Ile Cys Glu Ala Glu Tyr
1 5 10

<210> 16598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16598
Asp Val Ser Asp Ala Ala Val Ser Asp Leu
1 5 10

<210> 16599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16599
Ser Asp Leu Glu Asp Cys Ser Gln Ser Leu
1 5 10

<210> 16600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16600
Gln Pro Pro Pro Gln Pro Gln Pro Pro Leu
1 5 10

<210> 16601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16601
Thr Ser Leu Ser Ser Asp Trp Asn Lys
1 5

<210> 16602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16602
Leu Ser Ser Asp Trp Asn Lys Asn Arg
1 5

<210> 16603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16603
Gln Ala Val Asp Ala Ser Thr Ser Leu
1 5

<210> 16604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16604
Ser Thr Ser Leu Ser Ser Asp Trp Asn Lys
1 5 10

<210> 16605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16605
Ser Leu Ser Ser Asp Trp Asn Lys Asn Arg
1 5 10

<210> 16606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16606
Lys Glu Arg Glu Gly Gln Ala Val Asp Ala
1 5 10

<210> 16607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16607
Arg Glu Gly Gln Ala Val Asp Ala Ser Thr
1 5 10

<210> 16608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16608
Gly Gln Ala Val Asp Ala Ser Thr Ser Leu
1 5 10

<210> 16609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16609
Asp Ala Ser Thr Ser Leu Ser Ser Asp Trp
1 5 10

<210> 16610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16610
Arg Ser Lys Ser Trp Ala Pro Phe His
1 5

<210> 16611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16611
Lys Ser Trp Ala Pro Phe His Leu Glu
1 5

<210> 16612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16612
Phe Arg Ser Lys Ser Trp Ala Pro Phe
1 5

<210> 16613
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16613
Ser Lys Ser Trp Ala Pro Phe His Leu
1 5

<210> 16614
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16614
Asn Phe Arg Ser Lys Ser Trp Ala Pro Phe
1 5 10

<210> 16615
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16615
Arg Ser Lys Ser Trp Ala Pro Phe His Leu
1 5 10

<210> 16616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16616
Ala Pro Phe His Leu Glu Glu Pro Asn Ile
1 5 10

<210> 16617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16617
Arg Leu Ile Tyr Trp Thr Gly Arg Lys
1 5

<210> 16618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16618
Leu Glu Pro Thr Leu Arg Leu Ile Tyr
1 5

<210> 16619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16619
Leu Ile Tyr Trp Thr Gly Arg Lys Ile
1 5

<210> 16620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16620
Glu Pro Thr Leu Arg Leu Ile Tyr Trp
1 5

<210> 16621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16621

His Leu Glu Pro Thr Leu Arg Leu Ile Tyr
1 5 10

<210> 16622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16622
Arg Leu Ile Tyr Trp Thr Gly Arg Lys Ile
1 5 10

<210> 16623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16623
Thr Leu Arg Leu Ile Tyr Trp Thr Gly Arg
1 5 10

<210> 16624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16624
Asn Ser Leu Ile Thr Gln Met Met Lys
1 5

<210> 16625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16625
Glu Lys Asn Ser Leu Ile Thr Gln Met
1 5

<210> 16626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16626
Lys Asn Ser Leu Ile Thr Gln Met Met
1 5

<210> 16627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16627
Thr Pro Leu Glu Lys Asn Ser Leu Ile
1 5

<210> 16628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16628
Lys Asn Ser Leu Ile Thr Gln Met Met Lys
1 5 10

<210> 16629
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16629
Leu Glu Lys Asn Ser Leu Ile Thr Gln Met
1 5 10

<210> 16630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16630
Glu Lys Asn Ser Leu Ile Thr Gln Met Met
1 5 10

<210> 16631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16631
Gly Val Arg Met Lys Ser Val Gly Ile
1 5

<210> 16632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16632
Ser Glu Leu Glu Arg Gly Val Arg Met
1 5

<210> 16633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16633
Val Arg Met Lys Ser Val Gly Ile Leu
1 5

<210> 16634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16634
Val Glu Ser Glu Leu Glu Arg Gly Val
1 5

<210> 16635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16635
Gly Val Arg Met Lys Ser Val Gly Ile Leu
1 5 10

<210> 16636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16636
Leu Glu Arg Gly Val Arg Met Lys Ser Val
1 5 10

<210> 16637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16637
Phe Ser Thr Gln Asp Ala Ala Pro Val
1 5

<210> 16638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16638
Lys Arg Phe Ser Thr Gln Asp Ala Ala

1 5

<210> 16639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16639
Val Thr Lys Arg Phe Ser Thr Gln Asp Ala
1 5 10

<210> 16640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16640
Arg Ser Ala Ser Ala Trp Arg Arg Arg
1 5

<210> 16641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16641
Ser Ala Ser Ala Trp Arg Arg Arg Arg
1 5

<210> 16642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16642
Lys Arg Arg Arg Gly Gly Gly Trp Arg
1 5

<210> 16643

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16643
Gly Trp Arg Arg Thr Pro Gly Trp Arg
1 5

<210> 16644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16644
Gly Trp Arg Ser Gly Gly Gly Arg Arg
1 5

<210> 16645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16645
Arg Ser Gly Gly Gly Arg Arg Arg Arg
1 5

<210> 16646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16646
Ser Gly Gly Gly Arg Arg Arg Arg Lys
1 5

<210> 16647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16647
Arg Ser Ser Lys Gly Arg Arg Arg Arg
1 5

<210> 16648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16648
Ser Ser Lys Gly Arg Arg Arg Arg Arg
1 5

<210> 16649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16649
Lys Gly Arg Arg Arg Arg Arg Leu Arg
1 5

<210> 16650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16650
Arg Arg Arg Arg Leu Arg Asp Gly Lys
1 5

<210> 16651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16651
Lys Ser Trp Asn Ser Arg Arg Arg Arg
1 5

<210> 16652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16652
Arg Arg Arg Cys Arg Gly Arg Pro Arg
1 5

<210> 16653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16653
Arg Gly Arg Pro Arg Arg Trp Arg Arg
1 5

<210> 16654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16654
Arg Trp Arg Arg Leu Gly Arg Ala Gly
1 5

<210> 16655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16655
Leu Gly Arg Ala Gly Gly Ala Arg Arg
1 5

<210> 16656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16656
Arg Ala Gly Gly Ala Arg Arg Arg Arg
1 5

<210> 16657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16657
Gly Ala Arg Arg Arg Arg Ile Trp Gly
1 5

<210> 16658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16658
Ala Arg Arg Arg Arg Ile Trp Gly Lys
1 5

<210> 16659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16659
Arg Arg Arg Arg Ile Trp Gly Lys Arg
1 5

<210> 16660
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16660
Arg Ile Trp Gly Lys Arg Arg Arg Arg
1 5

<210> 16661
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16661
Arg Arg Arg Ala Arg Arg Thr Trp Arg
1 5

<210> 16662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16662
Arg Ala Arg Arg Thr Trp Arg Thr Gly
1 5

<210> 16663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16663
Asp Gly Lys Ser Trp Asn Ser Arg Arg
1 5

<210> 16664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16664
Arg Pro Arg Arg Trp Arg Arg Leu Gly
1 5

<210> 16665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16665
Arg Glu Arg Arg Ser Ala Ser Ala Trp
1 5

<210> 16666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16666
Arg Arg Leu Arg Asp Gly Lys Ser Trp
1 5

<210> 16667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16667
Arg Arg Arg Arg Ala Arg Arg Thr Trp
1 5

<210> 16668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16668
Trp Arg Thr Gly Gly Gly Ser Ser Val
1 5

<210> 16669
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16669
Thr Gly Gly Gly Ser Ser Val Ser Phe
1 5

<210> 16670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16670
Ala Glu Arg Arg Glu Arg Arg Ser Ala
1 5

<210> 16671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16671
Arg Thr Gly Gly Gly Ser Ser Val Ser Phe
1 5 10

<210> 16672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16672
Arg Glu Arg Arg Ser Ala Ser Ala Trp Arg
1 5 10

<210> 16673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16673
Arg Ser Ala Ser Ala Trp Arg Arg Arg Arg
1 5 10

<210> 16674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16674
Ala Trp Arg Arg Arg Arg Ser Glu Gly Val
1 5 10

<210> 16675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16675
Lys Arg Arg Arg Gly Gly Gly Trp Arg Arg
1 5 10

<210> 16676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16676
Arg Ser Gly Gly Gly Arg Arg Arg Arg Lys
1 5 10

<210> 16677
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16677
Arg Ser Ser Lys Gly Arg Arg Arg Arg Arg
1 5 10

<210> 16678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16678
Ser Ser Lys Gly Arg Arg Arg Arg Arg Leu
1 5 10

<210> 16679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16679
Lys Gly Arg Arg Arg Arg Arg Leu Arg Asp
1 5 10

<210> 16680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16680
Arg Arg Arg Arg Arg Leu Arg Asp Gly Lys
1 5 10

<210> 16681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16681
Arg Leu Arg Asp Gly Lys Ser Trp Asn Ser
1 5 10

<210> 16682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16682
Lys Ser Trp Asn Ser Arg Arg Arg Arg Cys
1 5 10

<210> 16683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16683
Asn Ser Arg Arg Arg Arg Cys Arg Gly Arg
1 5 10

<210> 16684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16684
Arg Arg Arg Arg Cys Arg Gly Arg Pro Arg
1 5 10

<210> 16685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16685

Arg Arg Arg Cys Arg Gly Arg Pro Arg Arg
1 5 10

<210> 16686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16686
Arg Cys Arg Gly Arg Pro Arg Arg Trp Arg
1 5 10

<210> 16687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16687
Arg Gly Arg Pro Arg Arg Trp Arg Arg Leu
1 5 10

<210> 16688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16688
Arg Pro Arg Arg Trp Arg Arg Leu Gly Arg
1 5 10

<210> 16689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16689
Arg Trp Arg Arg Leu Gly Arg Ala Gly Gly
1 5 10

<210> 16690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16690
Leu Gly Arg Ala Gly Gly Ala Arg Arg Arg
1 5 10

<210> 16691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16691
Arg Ala Gly Gly Ala Arg Arg Arg Arg Ile
1 5 10

<210> 16692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16692
Gly Ala Arg Arg Arg Arg Ile Trp Gly Lys
1 5 10

<210> 16693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16693
Arg Ile Trp Gly Lys Arg Arg Arg Arg Ala
1 5 10

<210> 16694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16694
Arg Arg Arg Arg Ala Arg Arg Thr Trp Arg
1 5 10

<210> 16695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16695
Arg Ala Arg Arg Thr Trp Arg Thr Gly Gly
1 5 10

<210> 16696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16696
Thr Trp Arg Thr Gly Gly Gly Ser Ser Val
1 5 10

<210> 16697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16697
Asp Ala Arg Arg Ser Ser Lys Gly Arg Arg
1 5 10

<210> 16698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16698
Asp Gly Lys Ser Trp Asn Ser Arg Arg Arg
1 5 10

<210> 16699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16699
Ser Trp Asn Ser Arg Arg Arg Arg Cys Arg
1 5 10

<210> 16700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16700
Arg Pro Arg Pro Lys Arg Arg Arg Gly Gly
1 5 10

<210> 16701
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16701
Arg Pro Lys Arg Arg Arg Gly Gly Gly Trp
1 5 10

<210> 16702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16702
Glu Arg Arg Glu Arg Arg Ser Ala Ser Ala

1 5 10

<210> 16703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16703
Arg Arg Glu Arg Arg Ser Ala Ser Ala Trp
1 5 10

<210> 16704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16704
Arg Arg Arg Leu Arg Asp Gly Lys Ser Trp
1 5 10

<210> 16705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16705
Arg Lys Met Arg Gly Gly Ala Gln Lys
1 5

<210> 16706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16706
Lys Met Arg Gly Gly Ala Gln Lys Ala
1 5

<210> 16707

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16707
Arg Glu Arg Glu Gly Ala Arg Ala Pro
1 5

<210> 16708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16708
Arg Gln Ala Gly Gly Ala Glu Ala Ala
1 5

<210> 16709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16709
Ala Glu Arg Arg Glu Arg Glu Gly Ala
1 5

<210> 16710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16710
Arg Ala Pro Gly Gly Gly Gly Gly Ala Lys
1 5 10

<210> 16711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16711
Lys Met Arg Gly Gly Ala Gln Lys Ala Gly
1 5 10

<210> 16712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16712
Arg Glu Arg Glu Gly Ala Arg Ala Pro Gly
1 5 10

<210> 16713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16713
Arg Gln Ala Gly Gly Ala Glu Ala Ala Gly
1 5 10

<210> 16714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16714
Arg Lys Met Arg Gly Gly Ala Gln Lys Ala
1 5 10

<210> 16715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16715
Arg Val Ile Ser His Asp Arg Asp Phe
1   5

<210> 16716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 16716
Val Met Asp Asn Gln Leu Lys Ser Met
1   5

<210> 16717
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 16717
Met Asp Asn Gln Leu Lys Ser Met Trp
1   5

<210> 16718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 16718
Val Leu Ala Asp Val Met Asp Asn Gln Leu
1   5   10

<210> 16719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 16719
Asp Val Met Asp Asn Gln Leu Lys Ser Met
1   5   10

<210> 16720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16720
Val Met Asp Asn Gln Leu Lys Ser Met Trp
1 5 10

<210> 16721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16721
Met Asp Asn Gln Leu Lys Ser Met Trp Phe
1 5 10

<210> 16722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16722
Arg Ala Ala Ile Ile Phe Gly Tyr Arg
1 5

<210> 16723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16723
Leu Gln Arg Ala Ala Ile Ile Phe Gly
1 5

<210> 16724
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16724
Gln Arg Ala Ala Ile Ile Phe Gly Tyr
1 5

<210> 16725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16725
Ala Ala Ile Ile Phe Gly Tyr Arg Ile
1 5

<210> 16726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16726
Phe Gly Tyr Arg Ile Gln Gly Val Ile
1 5

<210> 16727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16727
Ile Ile Phe Gly Tyr Arg Ile Gln Gly Val
1 5 10

<210> 16728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16728
Arg Ala Ala Ile Ile Phe Gly Tyr Arg Ile
1 5 10

<210> 16729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16729
Ile Phe Gly Tyr Arg Ile Gln Gly Val Ile
1 5 10

<210> 16730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16730
Leu Gln Arg Ala Ala Ile Ile Phe Gly Tyr
1 5 10

<210> 16731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16731
Met Asp Leu Gln Arg Ala Ala Ile Ile Phe
1 5 10

<210> 16732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16732
Lys Phe Lys Lys Lys Thr Ala Glu Asp Arg
1 5 10

<210> 16733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16733
Lys Glu Leu Asp Thr Asp Ala Asp Lys Phe
1 5 10

<210> 16734
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16734
Glu Gln Glu Leu Phe Thr Glu Asn Met
1 5

<210> 16735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16735
Glu Glu Gln Glu Leu Phe Thr Glu Asn
1 5

<210> 16736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16736
Phe Thr Glu Asn Met Arg Gly Glu Leu Arg
1 5 10

<210> 16737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16737
Asn Met Arg Gly Glu Leu Arg Ala Cys Arg
1 5 10

<210> 16738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16738
Glu Glu Gln Glu Leu Phe Thr Glu Asn Met
1 5 10

<210> 16739
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16739
Thr Glu Asn Met Arg Gly Glu Leu Arg Ala
1 5 10

<210> 16740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16740
Arg Gln Gly Asp Phe Tyr Leu His Val
1 5

<210> 16741
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16741
Leu Leu Arg Gln Gly Asp Phe Tyr Leu His
1 5 10

<210> 16742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16742
Arg Gln Gly Asp Phe Tyr Leu His Val Glu
1 5 10

<210> 16743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16743
Met Leu Glu Arg Glu Leu Asn Ile Leu
1 5

<210> 16744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16744
Arg Glu Ile Asp Met Leu Glu Arg Glu
1 5

<210> 16745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16745
Gln Leu Ala Glu Arg Glu Ile Asp Met Leu
1 5 10

<210> 16746
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16746
Met Leu Glu Arg Glu Leu Asn Ile Leu Ile
1 5 10

<210> 16747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16747
Gln Gln Leu Ala Glu Arg Glu Ile Asp Met
1 5 10

<210> 16748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16748
Arg Glu Ile Asp Met Leu Glu Arg Glu Leu
1 5 10

<210> 16749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16749

Ile Asp Met Leu Glu Arg Glu Leu Asn Ile
1 5 10

<210> 16750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16750
Glu Trp Glu Leu Asn Ile Leu Ile Phe
1 5

<210> 16751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16751
Glu Ile Asp Val Leu Glu Trp Glu Leu
1 5

<210> 16752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16752
Asp Val Leu Glu Trp Glu Leu Asn Ile
1 5

<210> 16753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16753
Leu Glu Trp Glu Leu Asn Ile Leu Ile
1 5

<210> 16754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16754
Trp Glu Leu Asn Ile Leu Ile Phe Gln
1 5

<210> 16755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16755
Val Leu Glu Trp Glu Leu Asn Ile Leu Ile
1 5 10

<210> 16756
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16756
Ala Glu Arg Glu Ile Asp Val Leu Glu Trp
1 5 10

<210> 16757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16757
Arg Glu Ile Asp Val Leu Glu Trp Glu Leu
1 5 10

<210> 16758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16758
Leu Glu Trp Glu Leu Asn Ile Leu Ile Phe
1 5 10

<210> 16759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16759
Trp Glu Leu Asn Ile Leu Ile Phe Gln Leu
1 5 10

<210> 16760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16760
Arg Gln Trp Trp Cys Thr Cys Arg Met
1 5

<210> 16761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16761
Arg Met Ser Gly Pro Ser Cys Leu Leu
1 5

<210> 16762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16762
Thr Leu Leu Asp Gly Thr Gln Lys Leu
1 5

<210> 16763
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16763
Gln Thr Leu Leu Asp Gly Thr Gln Lys
1 5

<210> 16764
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16764
Met Ser Gly Pro Ser Cys Leu Leu Trp
1 5

<210> 16765
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16765
Leu Trp Arg Ser Gly Arg Pro Cys Ala
1 5

<210> 16766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16766
Arg Ser Gly Arg Pro Cys Ala Ser Arg

1 5

<210> 16767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16767
Ser Gly Arg Pro Cys Ala Ser Arg Lys
1 5

<210> 16768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16768
Ala Ser Arg Lys Leu Gln Arg Gln Leu
1 5

<210> 16769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16769
Lys Gly Lys Arg Ser Leu Leu Asn Arg
1 5

<210> 16770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16770
Arg Ser Leu Leu Asn Arg His Leu Met
1 5

<210> 16771

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16771
Lys Leu Gln Arg Pro Pro His Ser Arg
1 5

<210> 16772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16772
Leu Gln Arg Pro Pro His Ser Arg Lys
1 5

<210> 16773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16773
His Ser Arg Lys Arg Thr Leu Ile Ser
1 5

<210> 16774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16774
Arg Thr Leu Ile Ser Gln Arg Pro Leu
1 5

<210> 16775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16775
Ser Cys Leu Leu Trp Arg Ser Gly Arg
1 5

<210> 16776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16776
Met Pro Trp Ser Lys Gln Gln Thr Leu
1 5

<210> 16777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16777
Pro Pro His Ser Arg Lys Arg Thr Leu
1 5

<210> 16778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16778
Leu Gln Pro Gly Pro Pro Gly Gly Phe
1 5

<210> 16779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16779
Cys Arg Met Ser Gly Pro Ser Cys Leu
1 5

<210> 16780
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16780
Arg Gln Leu Pro Gln Pro Arg Arg His
1 5

<210> 16781
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16781
Arg Arg His Lys Gly Lys Arg Ser Leu
1 5

<210> 16782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16782
Lys Arg Ser Leu Leu Asn Arg His Leu
1 5

<210> 16783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16783
Leu Leu Asn Arg His Leu Met Pro Trp
1 5

<210> 16784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16784
Leu Leu Asn Arg His Leu Met Pro Trp Ser
1 5 10

<210> 16785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16785
His Leu Met Pro Trp Ser Lys Gln Gln Thr
1 5 10

<210> 16786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16786
Leu Met Pro Trp Ser Lys Gln Gln Thr Leu
1 5 10

<210> 16787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16787
Arg Ser Gly Arg Pro Cys Ala Ser Arg Lys
1 5 10

<210> 16788
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16788
Lys Leu Gln Arg Pro Pro His Ser Arg Lys
1 5 10

<210> 16789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16789
Met Ser Gly Pro Ser Cys Leu Leu Trp Arg
1 5 10

<210> 16790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16790
Tyr Leu Gln Pro Gly Pro Pro Gly Gly Phe
1 5 10

<210> 16791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16791
Arg Met Ser Gly Pro Ser Cys Leu Leu Trp
1 5 10

<210> 16792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16792
Ser Leu Leu Asn Arg His Leu Met Pro Trp
1 5 10

<210> 16793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16793
Ser Gly Arg Pro Cys Ala Ser Arg Lys Leu
1 5 10

<210> 16794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16794
Leu Gln Arg Gln Leu Pro Gln Pro Arg Arg
1 5 10

<210> 16795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16795
Arg Gln Leu Pro Gln Pro Arg Arg His Lys
1 5 10

<210> 16796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16796
Lys Gly Lys Arg Ser Leu Leu Asn Arg His
1 5 10

<210> 16797
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16797
Leu Asn Arg His Leu Met Pro Trp Ser Lys
1 5 10

<210> 16798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16798
Leu Gln Arg Pro Pro His Ser Arg Lys Arg
1 5 10

<210> 16799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16799
His Ser Arg Lys Arg Thr Leu Ile Ser Gln
1 5 10

<210> 16800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16800
Arg Thr Leu Ile Ser Gln Arg Pro Leu His
1 5 10

<210> 16801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16801
Gly Phe Arg Gln Trp Trp Cys Thr Cys Arg
1 5 10

<210> 16802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16802
Lys Leu Gln Arg Gln Leu Pro Gln Pro Arg
1 5 10

<210> 16803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16803
Met Pro Trp Ser Lys Gln Gln Thr Leu Leu
1 5 10

<210> 16804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16804
Arg Pro Pro His Ser Arg Lys Arg Thr Leu
1 5 10

<210> 16805
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16805
Phe Gln Tyr Leu Gln Pro Gly Pro Pro Gly
1 5 10

<210> 16806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16806
Phe Arg Gln Trp Trp Cys Thr Cys Arg Met
1 5 10

<210> 16807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16807
Arg Gln Trp Trp Cys Thr Cys Arg Met Ser
1 5 10

<210> 16808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16808
Cys Arg Met Ser Gly Pro Ser Cys Leu Leu
1 5 10

<210> 16809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16809
Arg Arg His Lys Gly Lys Arg Ser Leu Leu
1 5 10

<210> 16810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16810
Gly Lys Arg Ser Leu Leu Asn Arg His Leu
1 5 10

<210> 16811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16811
Lys Arg Ser Leu Leu Asn Arg His Leu Met
1 5 10

<210> 16812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16812
Lys Arg Thr Leu Ile Ser Gln Arg Pro Leu
1 5 10

<210> 16813
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16813

Ser Val Phe Thr Thr Phe Pro Lys Arg
1 5

<210> 16814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16814
Thr Thr Phe Pro Lys Arg Glu Ser Lys
1 5

<210> 16815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16815
Pro Ser Val Phe Thr Thr Phe Pro Lys
1 5

<210> 16816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16816
Phe Phe Pro Ser Val Phe Thr Thr Phe
1 5

<210> 16817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16817
Phe Thr Thr Phe Pro Lys Arg Glu Ser Lys
1 5 10

<210> 16818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16818
Asn Phe Phe Pro Ser Val Phe Thr Thr Phe
1 5 10

<210> 16819
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16819
Phe Pro Ser Val Phe Thr Thr Phe Pro Lys
1 5 10

<210> 16820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16820
Arg Ile Cys Arg Pro Cys Glu Ile Lys
1 5

<210> 16821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16821
Ile Cys Arg Pro Cys Glu Ile Lys Lys
1 5

<210> 16822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16822
Ser Asn Tyr Glu Ile Arg Ile Cys Arg
1 5

<210> 16823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16823
Tyr Glu Ile Arg Ile Cys Arg Pro Cys
1 5

<210> 16824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16824
Arg Ile Cys Arg Pro Cys Glu Ile Lys Lys
1 5 10

<210> 16825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16825
Lys Ser Asn Tyr Glu Ile Arg Ile Cys Arg
1 5 10

<210> 16826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16826
Glu Ile Arg Ile Cys Arg Pro Cys Glu Ile
1 5 10

<210> 16827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16827
Arg Ala Lys Lys Lys Lys Lys Lys Lys Arg
1 5 10

<210> 16828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16828
Phe Leu Asn Ser Arg Gly Leu Ser Ser
1 5

<210> 16829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16829
Gly Leu Ser Ser Ala Arg Lys Phe Leu
1 5

<210> 16830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16830
Ser Ala Arg Lys Phe Leu Val Thr Ser

1 5

<210> 16831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16831
Asn Ser Arg Gly Leu Ser Ser Ala Arg
1 5

<210> 16832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16832
Leu Ser Ser Ala Arg Lys Phe Leu Val
1 5

<210> 16833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16833
Arg Gly Leu Ser Ser Ala Arg Lys Phe
1 5

<210> 16834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16834
Phe Leu Asn Ser Arg Gly Leu Ser Ser Ala
1 5 10

<210> 16835

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16835
Gly Leu Ser Ser Ala Arg Lys Phe Leu Val
1 5 10

<210> 16836
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16836
Asn Ser Arg Gly Leu Ser Ser Ala Arg Lys
1 5 10

<210> 16837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16837
Arg Gly Leu Ser Ser Ala Arg Lys Phe Leu
1 5 10

<210> 16838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16838
Ser Ala Arg Lys Phe Leu Val Thr Ser Ala
1 5 10

<210> 16839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16839
Ser Arg Gly Leu Ser Ser Ala Arg Lys Phe
1 5 10

<210> 16840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16840
Thr Met Trp Ser Gly Lys Pro Ser Leu
1 5

<210> 16841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16841
Lys Gln Arg Thr Met Trp Ser Gly Lys
1 5

<210> 16842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16842
Met Trp Ser Gly Lys Pro Ser Leu Trp
1 5

<210> 16843
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16843
Lys Gln Arg Lys Gln Arg Thr Met Trp
1 5

<210> 16844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16844
Arg Thr Met Trp Ser Gly Lys Pro Ser
1 5

<210> 16845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16845
Ser Ala Ile Lys Gln Arg Lys Gln Arg
1 5

<210> 16846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16846
Ile Lys Gln Arg Lys Gln Arg Thr Met
1 5

<210> 16847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16847
Tyr Leu Asp Glu Gln Ile Lys Lys Ser Ala
1 5 10

<210> 16848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16848
Thr Met Trp Ser Gly Lys Pro Ser Leu Trp
1 5 10

<210> 16849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16849
Lys Ser Ala Ile Lys Gln Arg Lys Gln Arg
1 5 10

<210> 16850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16850
Ala Ile Lys Gln Arg Lys Gln Arg Thr Met
1 5 10

<210> 16851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16851
Lys Gln Arg Lys Gln Arg Thr Met Trp Ser
1 5 10

<210> 16852
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16852
Arg Lys Gln Arg Thr Met Trp Ser Gly Lys
1 5 10

<210> 16853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16853
Lys Gln Arg Thr Met Trp Ser Gly Lys Pro
1 5 10

<210> 16854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16854
Arg Thr Met Trp Ser Gly Lys Pro Ser Leu
1 5 10

<210> 16855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16855
Gln Ile Lys Lys Ser Ala Ile Lys Gln Arg
1 5 10

<210> 16856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16856
Ile Lys Gln Arg Lys Gln Arg Thr Met Trp
1 5 10

<210> 16857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16857
Arg Ile Thr Ser Gln Ile Asn Leu Ile
1 5

<210> 16858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16858
Ser Gln Ile Asn Leu Ile Asp Leu Ala
1 5

<210> 16859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16859
His Arg Ile Thr Ser Gln Ile Asn Leu
1 5

<210> 16860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16860
His Arg Ile Thr Ser Gln Ile Asn Leu Ile
1 5 10

<210> 16861
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16861
Ser Gln Ile Asn Leu Ile Asp Leu Ala Gly
1 5 10

<210> 16862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16862
Ser Met Glu Lys Ser Asn Gln Ile Val
1 5

<210> 16863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16863
Lys Ser Asn Gln Ile Val Asn Ile Arg
1 5

<210> 16864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16864
Glu Ser Met Glu Lys Ser Asn Gln Ile
1 5

<210> 16865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16865
Gln Ile Val Asn Ile Arg Thr Ser Leu Leu
1 5 10

<210> 16866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16866
Glu Ser Met Glu Lys Ser Asn Gln Ile Val
1 5 10

<210> 16867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16867
Ile Glu Ser Met Glu Lys Ser Asn Gln Ile
1 5 10

<210> 16868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16868
Met Glu Lys Ser Asn Gln Ile Val Asn Ile
1 5 10

<210> 16869
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16869
Asn Gln Ile Val Asn Ile Arg Thr Ser Leu
1 5 10

<210> 16870
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16870
Ser Phe Gln Thr Glu Val Ser Tyr Leu
1 5

<210> 16871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16871
Ala Ser Phe Gln Thr Glu Val Ser Tyr
1 5

<210> 16872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16872
Asp Glu Ala Ser Phe Gln Thr Glu Val
1 5

<210> 16873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16873
Gln Thr Glu Val Ser Tyr Leu Glu Ile Tyr
1 5 10

<210> 16874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16874
Phe Gln Thr Glu Val Ser Tyr Leu Glu Ile
1 5 10

<210> 16875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16875
Glu Ala Ser Phe Gln Thr Glu Val Ser Tyr
1 5 10

<210> 16876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16876
Ala Ser Phe Gln Thr Glu Val Ser Tyr Leu
1 5 10

<210> 16877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16877

Asp Glu Ala Ser Phe Gln Thr Glu Val Ser
1 5 10

<210> 16878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16878
His Met Lys Val Val Val Cys Val Arg
1 5

<210> 16879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16879
Val Val Cys Val Arg Pro Glu Asn Thr Lys
1 5 10

<210> 16880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16880
Cys Val Arg Pro Glu Asn Thr Lys Glu Lys
1 5 10

<210> 16881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16881
His His Met Lys Val Val Val Cys Val Arg
1 5 10

<210> 16882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16882
Leu Val Val Gly Arg Ile Trp Asn Lys
1 5

<210> 16883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16883
Arg Glu Leu Val Val Gly Arg Ile Trp
1 5

<210> 16884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16884
Lys Ser Lys Asp Tyr Leu Gln Val Cys
1 5

<210> 16885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16885
Phe Lys Ser Lys Asp Tyr Leu Gln Val
1 5

<210> 16886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16886
Asn Thr Glu Ala Asn Ser Phe Lys Ser Lys
1 5 10

<210> 16887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16887
Ser Phe Lys Ser Lys Asp Tyr Leu Gln Val
1 5 10

<210> 16888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16888
Lys Ser Lys Asp Tyr Leu Gln Val Cys Leu
1 5 10

<210> 16889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16889
Glu Ala Asn Ser Phe Lys Ser Lys Asp Tyr
1 5 10

<210> 16890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16890
Leu Met His Thr Lys Ile Asp Lys Leu
1 5

<210> 16891
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16891
Lys Leu Met His Thr Lys Ile Asp Lys
1 5

<210> 16892
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16892
Lys Leu Arg Thr Leu Asp Ser Val Ser
1 5

<210> 16893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16893
Thr Lys Ile Asp Lys Leu Arg Thr Leu
1 5

<210> 16894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16894
Lys Leu Met His Thr Lys Ile Asp Lys Leu

1 5 10

<210> 16895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16895
His Thr Lys Ile Asp Lys Leu Arg Thr Leu
1 5 10

<210> 16896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16896
Leu Met His Thr Lys Ile Asp Lys Leu Arg
1 5 10

<210> 16897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16897
Arg Thr Asn Arg Thr Arg Ala Lys Gly
1 5

<210> 16898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16898
Arg Thr Arg Ala Lys Gly Asn Arg Leu
1 5

<210> 16899

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16899
Arg Thr Arg Ala Lys Gly Asn Arg Leu Arg
1 5 10

<210> 16900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16900
Arg Ala Lys Gly Asn Arg Leu Arg Glu Ala
1 5 10

<210> 16901
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16901
Phe Gln Ala Lys Gln Tyr Val Phe Lys
1 5

<210> 16902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16902
Ser Phe Gln Ala Lys Gln Tyr Val Phe
1 5

<210> 16903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16903
Ile Gly Ser Phe Gln Ala Lys Gln Tyr
1 5

<210> 16904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16904
Ser Phe Gln Ala Lys Gln Tyr Val Phe Lys
1 5 10

<210> 16905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16905
Lys Gln Tyr Val Phe Lys Ser Asn Asp Arg
1 5 10

<210> 16906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16906
Ser Ile Gly Ser Phe Gln Ala Lys Gln Tyr
1 5 10

<210> 16907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16907
Gly Ser Phe Gln Ala Lys Gln Tyr Val Phe
1 5 10

<210> 16908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16908
Met Thr Arg Thr Ser Gly Gln Leu Gln
1 5

<210> 16909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16909
Arg Thr Ser Gly Gln Leu Gln Arg Glu Lys
1 5 10

<210> 16910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16910
Met Thr Arg Thr Ser Gly Gln Leu Gln Arg
1 5 10

<210> 16911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16911
Arg Leu Pro Pro His Cys Leu Pro Arg
1 5

<210> 16912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16912
Thr Ser His Pro Ala Leu Leu Pro Arg
1 5

<210> 16913
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16913
Arg Ser Thr Ser His Pro Ala Leu Leu
1 5

<210> 16914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16914
Arg Gly Ser Cys Arg Leu Pro Pro His
1 5

<210> 16915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16915
Arg Ala Arg Ile Pro Ala Trp Arg Leu
1 5

<210> 16916
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16916
Ser Thr Pro Arg Arg Gly Ser Cys Arg
1 5

<210> 16917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16917
Lys Pro Arg Pro Met Gly Ser Pro Gly
1 5

<210> 16918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16918
Arg Pro Met Gly Ser Pro Gly Trp Ala
1 5

<210> 16919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16919
Cys Pro Arg Pro Arg Ser Thr Ser His
1 5

<210> 16920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16920
Arg Pro Arg Ser Thr Ser His Pro Ala
1 5

<210> 16921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16921
His Pro Ala Leu Leu Pro Arg Asp Ala
1 5

<210> 16922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16922
Thr Pro Arg Arg Gly Ser Cys Arg Leu
1 5

<210> 16923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16923
Leu Pro Arg Ala Arg Ile Pro Ala Trp
1 5

<210> 16924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16924
Ile Pro Ala Trp Arg Leu Gly Ser Pro
1 5

<210> 16925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16925
Ser Pro Arg Cys Val Arg Pro Arg Leu
1 5

<210> 16926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16926
Leu Pro Pro His Cys Leu Pro Arg Ala
1 5

<210> 16927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16927
Arg Leu Pro Pro His Cys Leu Pro Arg Ala
1 5 10

<210> 16928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16928
Ser Thr Ser His Pro Ala Leu Leu Pro Arg
1 5 10

<210> 16929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16929
Arg Pro Arg Ser Thr Ser His Pro Ala Leu
1 5 10

<210> 16930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16930
Lys Ser Thr Pro Arg Arg Gly Ser Cys Arg
1 5 10

<210> 16931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16931
Arg Ala Arg Ile Pro Ala Trp Arg Leu Gly
1 5 10

<210> 16932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16932
Trp Ala Ser Pro Ala Cys Pro Arg Pro Arg
1 5 10

<210> 16933
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16933
Leu Pro Arg Ala Arg Ile Pro Ala Trp Arg
1 5 10

<210> 16934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16934
Arg Leu Gly Ser Pro Cys Cys Ser Pro Arg
1 5 10

<210> 16935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16935
Lys Pro Arg Pro Met Gly Ser Pro Gly Trp
1 5 10

<210> 16936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16936
Arg Pro Met Gly Ser Pro Gly Trp Ala Ser
1 5 10

<210> 16937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16937
Ser Pro Ala Cys Pro Arg Pro Arg Ser Thr
1 5 10

<210> 16938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16938
Ile Pro Ala Trp Arg Leu Gly Ser Pro Cys
1 5 10

<210> 16939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16939
Met Gly Ser Pro Gly Trp Ala Ser Pro Ala
1 5 10

<210> 16940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16940
Gly Met Ala Ser Arg Glu Ser Leu Leu
1 5

<210> 16941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16941

Ser Gly Met Ala Ser Arg Glu Ser Leu
1 5

<210> 16942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16942
Ser Ser Lys Asp Ser Gly Met Ala Ser Arg
1 5 10

<210> 16943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16943
Leu Pro Pro Ser Ser Lys Asp Ser Gly Met
1 5 10

<210> 16944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16944
Ser Gly Met Ala Ser Arg Glu Ser Leu Leu
1 5 10

<210> 16945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16945
Ser Ser Lys Asp Ser Gly Val Val Ser Arg
1 5 10

<210> 16946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16946
Arg Thr Lys Tyr Glu Trp Leu Met Lys
1 5

<210> 16947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16947
Arg Ile Ala Glu Val Arg Thr Lys Tyr
1 5

<210> 16948
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16948
Glu Val Arg Thr Lys Tyr Glu Trp Leu
1 5

<210> 16949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16949
Ala Glu Val Arg Thr Lys Tyr Glu Trp
1 5

<210> 16950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16950
Gln Gln Arg Ile Ala Glu Val Arg Thr Lys
1 5 10

<210> 16951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16951
Arg Thr Lys Tyr Glu Trp Leu Met Lys Glu
1 5 10

<210> 16952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16952
Arg Gln Gln Arg Ile Ala Glu Val Arg Thr
1 5 10

<210> 16953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16953
Gln Arg Ile Ala Glu Val Arg Thr Lys Tyr
1 5 10

<210> 16954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 16954
Ala Glu Val Arg Thr Lys Tyr Glu Trp Leu
1 5 10

<210> 16955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16955
Thr Lys Tyr Glu Trp Leu Met Lys Glu Leu
1 5 10

<210> 16956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16956
Ile Ala Glu Val Arg Thr Lys Tyr Glu Trp
1 5 10

<210> 16957
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16957
Lys Leu Asp Glu Gln Asn Lys Trp Leu
1 5

<210> 16958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16958
Glu Gln Asn Lys Trp Leu Asp Glu Glu Val

1 5 10

<210> 16959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16959
Leu Gln Lys Leu Asp Glu Gln Asn Lys Trp
1 5 10

<210> 16960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16960
Asn Phe Arg Leu Gly Val Ala Pro Phe
1 5

<210> 16961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16961
Gly Gln Asn Phe Arg Leu Gly Val Ala
1 5

<210> 16962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16962
Arg Leu Gly Val Ala Pro Phe Ser Thr Lys
1 5 10

<210> 16963

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16963
Gln Asn Phe Arg Leu Gly Val Ala Pro Phe
1 5 10

<210> 16964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16964
Gly Glu Pro Glu Gly Gln Asn Phe Arg Leu
1 5 10

<210> 16965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16965
Gly Ser Glu Ile Asn Gln Ile Phe Lys
1 5

<210> 16966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16966
Gln Gly Ser Glu Ile Asn Gln Ile Phe Lys
1 5 10

<210> 16967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16967
Glu Gln Gly Ser Glu Ile Asn Gln Ile Phe
1 5 10

<210> 16968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16968
Asn Gln Ile Phe Lys Glu Asn Lys Ser Ile
1 5 10

<210> 16969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16969
Asn Glu Gln Gly Ser Glu Ile Asn Gln Ile
1 5 10

<210> 16970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16970
Val Trp Val Gly Asn Pro Pro Ser Leu
1 5

<210> 16971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16971
Ser Pro Gly Pro Lys Arg Thr Gln Ile
1 5

<210> 16972
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16972
Cys Val Trp Val Gly Asn Pro Pro Ser Leu
1 5 10

<210> 16973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16973
Ser Pro Gly Pro Lys Arg Thr Gln Ile Trp
1 5 10

<210> 16974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16974
Glu Met Lys Asp Pro Thr Asn Cys Tyr
1 5

<210> 16975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16975
Pro Thr Asn Cys Tyr Tyr Asn Val Arg
1 5

<210> 16976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16976
Met Lys Asp Pro Thr Asn Cys Tyr Tyr
1 5

<210> 16977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16977
Tyr Glu Met Lys Asp Pro Thr Asn Cys
1 5

<210> 16978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16978
Asp Pro Thr Asn Cys Tyr Tyr Asn Val
1 5

<210> 16979
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16979
Glu Met Lys Asp Pro Thr Asn Cys Tyr Tyr
1 5 10

<210> 16980
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16980
Tyr Glu Met Lys Asp Pro Thr Asn Cys Tyr
1 5 10

<210> 16981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16981
His Met Leu Pro Ser Pro His Leu Ala
1 5

<210> 16982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16982
Arg Leu Thr Cys Asp Ile Phe Pro Met
1 5

<210> 16983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16983
His Leu Ala Thr Arg Val Ser Arg Leu
1 5

<210> 16984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16984
Ala Thr Arg Val Ser Arg Leu Thr Cys
1 5

<210> 16985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16985
Leu Pro Ser Pro His Leu Ala Thr Arg
1 5

<210> 16986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16986
Glu Ser Trp Asp Leu Gln Leu Ala Ile
1 5

<210> 16987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16987
His Pro Thr Leu Glu Leu Ser Pro Ala
1 5

<210> 16988
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16988
Asn Pro His Pro Leu Gly Pro Gln Ile
1 5

<210> 16989
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16989
Ser Pro His Leu Ala Thr Arg Val Ser
1 5

<210> 16990
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16990
Phe Pro Met Glu Glu Ser Trp Asp Leu
1 5

<210> 16991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16991
Leu Ala Ile Met Asp Cys Ser Asp Phe
1 5

<210> 16992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16992
Leu Gly Met Val Pro Pro Ala Asp Phe
1 5

<210> 16993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16993
Gly Gln Ala Ile Ser Pro His Pro Thr
1 5

<210> 16994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16994
Gln Ala Ile Ser Pro His Pro Thr Leu
1 5

<210> 16995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16995
Ser His Met Leu Pro Ser Pro His Leu
1 5

<210> 16996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 16996
Val Ser Arg Leu Thr Cys Asp Ile Phe
1 5

<210> 16997
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16997
Met Glu Glu Ser Trp Asp Leu Gln Leu
1 5

<210> 16998
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16998
Glu Pro Gly Gln Ala Ile Ser Pro His
1 5

<210> 16999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 16999
Glu Glu Ser Trp Asp Leu Gln Leu Ala
1 5

<210> 17000
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17000
Asp Ile Phe Pro Met Glu Glu Ser Trp
1 5

<210> 17001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17001
Ala Ile Ser Pro His Pro Thr Leu Glu Leu
1 5 10

<210> 17002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17002
His Leu Ala Thr Arg Val Ser Arg Leu Thr
1 5 10

<210> 17003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17003
Ile Phe Pro Met Glu Glu Ser Trp Asp Leu
1 5 10

<210> 17004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17004
Met Leu Pro Ser Pro His Leu Ala Thr Arg
1 5 10

<210> 17005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17005

Glu Ser Trp Asp Leu Gln Leu Ala Ile Met
1 5 10

<210> 17006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17006
Asn Pro His Leu Gly Met Val Pro Pro Ala
1 5 10

<210> 17007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17007
Ser Pro Ala Thr Ser Asn Pro His Pro Leu
1 5 10

<210> 17008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17008
Trp Pro Pro Gly Leu Pro Pro Ser His Met
1 5 10

<210> 17009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17009
Leu Pro Ser Pro His Leu Ala Thr Arg Val
1 5 10

<210> 17010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17010
Gln Leu Ala Ile Met Asp Cys Ser Asp Phe
1 5 10

<210> 17011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17011
His Leu Gly Met Val Pro Pro Ala Asp Phe
1 5 10

<210> 17012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17012
Ala Asp Phe Thr Glu Pro Gly Gln Ala Ile
1 5 10

<210> 17013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17013
Gly Gln Ala Ile Ser Pro His Pro Thr Leu
1 5 10

<210> 17014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17014
His Met Leu Pro Ser Pro His Leu Ala Thr
1 5 10

<210> 17015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17015
Arg Val Ser Arg Leu Thr Cys Asp Ile Phe
1 5 10

<210> 17016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17016
Ser Arg Leu Thr Cys Asp Ile Phe Pro Met
1 5 10

<210> 17017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17017
Glu Glu Ser Trp Asp Leu Gln Leu Ala Ile
1 5 10

<210> 17018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17018
His Pro Thr Leu Glu Leu Ser Pro Ala Thr
1 5 10

<210> 17019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17019
Asn Pro His Pro Leu Gly Pro Gln Ile Trp
1 5 10

<210> 17020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17020
Phe Pro Met Glu Glu Ser Trp Asp Leu Gln
1 5 10

<210> 17021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17021
Met Glu Glu Ser Trp Asp Leu Gln Leu Ala
1 5 10

<210> 17022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17022
Pro Met Tyr Glu Val Gln Gly Lys Val

1 5

<210> 17023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17023
Val Gln Gly Lys Val Val Glu Glu Ile
1 5

<210> 17024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17024
Glu Val Gln Gly Lys Val Val Glu Glu Ile
1 5 10

<210> 17025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17025
Lys Pro Met Tyr Glu Val Gln Gly Lys Val
1 5 10

<210> 17026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17026
His Ile Lys Asn Asp Ser Asn Tyr Val
1 5

<210> 17027

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17027
Arg His Ile Lys Asn Asp Ser Asn Tyr
1 5

<210> 17028
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17028
Cys Asp Phe Gly Leu Ala Arg His Ile
1 5

<210> 17029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17029
His Ile Lys Asn Asp Ser Asn Tyr Val Val
1 5 10

<210> 17030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17030
Ala Arg His Ile Lys Asn Asp Ser Asn Tyr
1 5 10

<210> 17031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17031
Arg His Ile Lys Asn Asp Ser Asn Tyr Val
1 5 10

<210> 17032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17032
Ile Cys Asp Phe Gly Leu Ala Arg Tyr
1 5

<210> 17033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17033
Tyr Ile Lys Asn Asp Ser Asn Tyr Val
1 5

<210> 17034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17034
Arg Tyr Ile Lys Asn Asp Ser Asn Tyr
1 5

<210> 17035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17035
Asp Phe Gly Leu Ala Arg Tyr Ile Lys
1 5

<210> 17036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17036
Cys Asp Phe Gly Leu Ala Arg Tyr Ile
1 5

<210> 17037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17037
Tyr Ile Lys Asn Asp Ser Asn Tyr Val Val
1 5 10

<210> 17038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17038
Lys Ile Cys Asp Phe Gly Leu Ala Arg Tyr
1 5 10

<210> 17039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17039
Arg Tyr Ile Lys Asn Asp Ser Asn Tyr Val
1 5 10

<210> 17040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17040
Ala Arg Tyr Ile Lys Asn Asp Ser Asn Tyr
1 5 10

<210> 17041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17041
Val Ile Lys Asn Asp Ser Asn Tyr Val
1 5

<210> 17042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17042
Arg Val Ile Lys Asn Asp Ser Asn Tyr
1 5

<210> 17043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17043
Cys Asp Phe Gly Leu Ala Arg Val Ile
1 5

<210> 17044
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17044
Arg Val Ile Lys Asn Asp Ser Asn Tyr Val
1 5 10

<210> 17045
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17045
Val Ile Lys Asn Asp Ser Asn Tyr Val Val
1 5 10

<210> 17046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17046
Ala Arg Val Ile Lys Asn Asp Ser Asn Tyr
1 5 10

<210> 17047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17047
Lys Asn Asp Ser Tyr Tyr Val Val Lys
1 5

<210> 17048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17048
Ser Tyr Tyr Val Val Lys Gly Asn Ala
1 5

<210> 17049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17049
Arg Asp Ile Lys Asn Asp Ser Tyr Tyr
1 5

<210> 17050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17050
Tyr Tyr Val Val Lys Gly Asn Ala Arg
1 5

<210> 17051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17051
Asp Ile Lys Asn Asp Ser Tyr Tyr Val
1 5

<210> 17052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17052
Ile Lys Asn Asp Ser Tyr Tyr Val Val
1 5

<210> 17053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17053
Tyr Tyr Val Val Lys Gly Asn Ala Arg Leu
1 5 10

<210> 17054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17054
Leu Ala Arg Asp Ile Lys Asn Asp Ser Tyr
1 5 10

<210> 17055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17055
Ser Tyr Tyr Val Val Lys Gly Asn Ala Arg
1 5 10

<210> 17056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17056
Asp Ile Lys Asn Asp Ser Tyr Tyr Val Val
1 5 10

<210> 17057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17057
Asp Ser Tyr Tyr Val Val Lys Gly Asn Ala
1 5 10

<210> 17058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17058
Lys Asn Asp Ser Lys Tyr Val Val Lys
1 5

<210> 17059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17059
Arg Asp Ile Lys Asn Asp Ser Lys Tyr
1 5

<210> 17060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17060
Ile Lys Asn Asp Ser Lys Tyr Val Val
1 5

<210> 17061
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17061
Lys Tyr Val Val Lys Gly Asn Ala Arg Leu
1 5 10

<210> 17062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17062
Leu Ala Arg Asp Ile Lys Asn Asp Ser Lys
1 5 10

<210> 17063
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17063
Thr Pro Arg Ser Pro Leu Thr Pro Gly
1 5

<210> 17064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17064
Leu Gln Gly Gly Thr Pro Arg Ser Pro Leu
1 5 10

<210> 17065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17065
Leu Leu Gln Ala Cys Ser Pro Ser Ala
1 5

<210> 17066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17066
Gln Ala Cys Ser Pro Ser Ala Cys Arg
1 5

<210> 17067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17067
Pro Pro Ile Lys Asn Thr His Pro Leu
1 5

<210> 17068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17068
Ser Pro Ser Ala Cys Arg Cys Pro Cys
1 5

<210> 17069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17069

Leu Gln Ala Cys Ser Pro Ser Ala Cys
1 5

<210> 17070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17070
Ser Pro Pro Ile Lys Asn Thr His Pro Leu
1 5 10

<210> 17071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17071
Leu Met Asn Ser Val Ser Pro Pro Ala
1 5

<210> 17072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17072
Ser Val Ser Pro Pro Ala Ser Ile Val
1 5

<210> 17073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17073
Thr Phe Thr Cys Gly Ile Pro Gly Tyr
1 5

<210> 17074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17074
Asn Ser Val Ser Pro Pro Ala Ser Ile
1 5

<210> 17075
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17075
Phe Thr Cys Gly Ile Pro Gly Tyr Ser
1 5

<210> 17076
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17076
Ser Pro Phe Gly His Arg Ala Ala Trp
1 5

<210> 17077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17077
Ser Ile Val Ala Arg Glu Ser Pro Phe
1 5

<210> 17078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17078
Arg Glu Ser Pro Phe Gly His Arg Ala
1 5

<210> 17079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17079
His Arg Ala Ala Trp Glu Glu Thr Phe
1 5

<210> 17080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17080
Ser Lys Glu Ala Glu Asp Thr Gln Met
1 5

<210> 17081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17081
Trp Glu Glu Thr Phe Thr Cys Gly Ile
1 5

<210> 17082
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17082
Pro Leu Met Asn Ser Val Ser Pro Pro Ala
1 5 10

<210> 17083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17083
Phe Thr Cys Gly Ile Pro Gly Tyr Ser Lys
1 5 10

<210> 17084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17084
Val Ala Arg Glu Ser Pro Phe Gly His Arg
1 5 10

<210> 17085
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17085
Glu Thr Phe Thr Cys Gly Ile Pro Gly Tyr
1 5 10

<210> 17086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17086
Asn Ser Val Ser Pro Pro Ala Ser Ile Val

1 5 10

<210> 17087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17087
Ala Ser Ile Val Ala Arg Glu Ser Pro Phe
1 5 10

<210> 17088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17088
Leu Met Asn Ser Val Ser Pro Pro Ala Ser
1 5 10

<210> 17089
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17089
Met Asn Ser Val Ser Pro Pro Ala Ser Ile
1 5 10

<210> 17090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17090
Arg Glu Ser Pro Phe Gly His Arg Ala Ala
1 5 10

<210> 17091

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17091
Gly His Arg Ala Ala Trp Glu Glu Thr Phe
1 5 10

<210> 17092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17092
Tyr Ser Lys Glu Ala Glu Asp Thr Gln Met
1 5 10

<210> 17093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17093
Lys Thr Tyr Thr Gln Ser Ser His Leu
1 5

<210> 17094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17094
Thr Gln Ser Ser His Leu Lys Ala His
1 5

<210> 17095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17095
Lys Thr Tyr Thr Gln Ser Ser His Leu Lys
1 5 10

<210> 17096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17096
Gln Ser Ser His Leu Lys Ala His Leu Arg
1 5 10

<210> 17097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17097
Gly Lys Thr Tyr Thr Gln Ser Ser His Leu
1 5 10

<210> 17098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17098
Thr Gln Ser Ser His Leu Lys Ala His Leu
1 5 10

<210> 17099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17099
Arg Ser Asp Gln Leu Thr Arg His Tyr
1   5

<210> 17100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 17100
Phe Ala Arg Ser Asp Gln Leu Thr Arg
1   5

<210> 17101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 17101
Asp Gln Leu Thr Arg His Tyr Arg Lys
1   5

<210> 17102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 17102
Trp Arg Phe Ala Arg Ser Asp Gln Leu
1   5

<210> 17103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 17103
Arg Ser Asp Gln Leu Thr Arg His Tyr Arg
1   5   10

<210> 17104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17104
Ala Arg Ser Asp Gln Leu Thr Arg His Tyr
1 5 10

<210> 17105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17105
Lys Tyr Arg Arg Asp Ser Ala Leu Val
1 5

<210> 17106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17106
Ser Ala Leu Val Val Asp Gln Phe Phe
1 5

<210> 17107
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17107
Lys Lys Tyr Arg Arg Asp Ser Ala Leu
1 5

<210> 17108
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17108
Tyr Arg Arg Asp Ser Ala Leu Val Val
1 5

<210> 17109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17109
Lys Tyr Arg Arg Asp Ser Ala Leu Val Val
1 5 10

<210> 17110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17110
His Lys Lys Tyr Arg Arg Asp Ser Ala Leu
1 5 10

<210> 17111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17111
Lys Lys Tyr Arg Arg Asp Ser Ala Leu Val
1 5 10

<210> 17112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17112
Arg Asp Ser Ala Leu Val Val Asp Gln Phe
1 5 10

<210> 17113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17113
Lys Pro Arg Leu Ser His Thr Ala Cys
1 5

<210> 17114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17114
Lys Pro Arg Leu Ser His Thr Ala Cys Ala
1 5 10

<210> 17115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17115
Thr Glu Lys Pro Arg Leu Ser His Thr Ala
1 5 10

<210> 17116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17116
His Thr Ala Thr Val Arg Ala Lys Lys
1 5

<210> 17117
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17117
Thr Val Arg Ala Lys Lys Ile Phe Val
1 5

<210> 17118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17118
Arg Ala Lys Lys Ile Phe Val Thr Gly
1 5

<210> 17119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17119
Lys Ile Phe Val Thr Gly Gly Ser Leu
1 5

<210> 17120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17120
Lys Ile Phe Val Thr Gly Gly Ser Leu Arg
1 5 10

<210> 17121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17121
Thr Val Arg Ala Lys Lys Ile Phe Val Thr
1 5 10

<210> 17122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17122
Arg Ala Lys Lys Ile Phe Val Thr Gly Gly
1 5 10

<210> 17123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17123
His Thr Ala Thr Val Arg Ala Lys Lys Ile
1 5 10

<210> 17124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17124
Lys Lys Ile Phe Val Thr Gly Gly Ser Leu
1 5 10

<210> 17125
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17125
Asn Leu Thr Glu Met Asp Lys Tyr Val
1 5

<210> 17126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17126
Glu Met Asp Lys Tyr Val Asn Ser Phe
1 5

<210> 17127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17127
Ala Asn Thr Tyr Asn Leu Thr Glu Met
1 5

<210> 17128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17128
Thr Glu Met Asp Lys Tyr Val Asn Ser
1 5

<210> 17129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17129
Glu Met Asp Lys Tyr Val Asn Ser Phe Val
1 5 10

<210> 17130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17130
Asn Thr Tyr Asn Leu Thr Glu Met Asp Lys
1 5 10

<210> 17131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17131
Thr Glu Met Asp Lys Tyr Val Asn Ser Phe
1 5 10

<210> 17132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17132
Ile Ala Asn Thr Tyr Asn Leu Thr Glu Met
1 5 10

<210> 17133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17133

Met Asp Lys Tyr Val Asn Ser Phe Val Leu
1 5 10

<210> 17134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17134
Trp Ser Arg Ser Trp Arg Ser Ser Arg
1 5

<210> 17135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17135
Ser Trp Arg Ser Ser Arg Cys Pro Cys
1 5

<210> 17136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17136
Thr Ala Arg Pro Ala Cys Ser Met Arg
1 5

<210> 17137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17137
Asp Ser Leu Pro Pro Pro Trp Ser Arg
1 5

<210> 17138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17138
Thr Thr Ala Arg Pro Ala Cys Ser Met
1 5

<210> 17139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17139
Arg Pro Ala Cys Ser Met Arg Leu Thr
1 5

<210> 17140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17140
Leu Leu Asp Ser Leu Pro Pro Pro Trp
1 5

<210> 17141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17141
Leu Pro Pro Pro Trp Ser Arg Ser Trp
1 5

<210> 17142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17142
Thr Thr Ala Arg Pro Ala Cys Ser Met Arg
1 5 10

<210> 17143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17143
Arg Ser Trp Arg Ser Ser Arg Cys Pro Cys
1 5 10

<210> 17144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17144
Ser Trp Arg Ser Ser Arg Cys Pro Cys Cys
1 5 10

<210> 17145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17145
Ser Ser Arg Cys Pro Cys Cys Gly Trp Ser
1 5 10

<210> 17146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17146
Ser Thr Thr Ala Arg Pro Ala Cys Ser Met
1 5 10

<210> 17147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17147
Thr Ala Arg Pro Ala Cys Ser Met Arg Leu
1 5 10

<210> 17148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17148
Arg Pro Ala Cys Ser Met Arg Leu Thr Ser
1 5 10

<210> 17149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17149
Ala Leu Leu Asp Ser Leu Pro Pro Pro Trp
1 5 10

<210> 17150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17150
Ser Leu Pro Pro Pro Trp Ser Arg Ser Trp

1 5 10

<210> 17151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17151
Arg Ser Ser Arg Cys Pro Cys Cys Gly Trp
1 5 10

<210> 17152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17152
Met Ser Tyr Leu Gly Asn Asp His Leu
1 5

<210> 17153
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17153
Leu Met Ser Tyr Leu Gly Asn Asp His
1 5

<210> 17154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17154
Leu Gly Asn Asp His Leu Ser Arg Phe
1 5

<210> 17155

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17155
Phe Glu Lys Leu Met Ser Tyr Leu Gly
1 5

<210> 17156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17156
Leu Met Ser Tyr Leu Gly Asn Asp His Leu
1 5 10

<210> 17157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17157
Tyr Leu Gly Asn Asp His Leu Ser Arg Phe
1 5 10

<210> 17158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17158
Ser Tyr Leu Gly Asn Asp His Leu Ser Arg
1 5 10

<210> 17159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17159
Lys Leu Cys Asp Ile Ile Leu Arg Val
1 5

<210> 17160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17160
Leu Asn Leu Leu Arg Gln His His Lys
1 5

<210> 17161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17161
Asn Leu Leu Arg Gln His His Lys Leu
1 5

<210> 17162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17162
Arg Gln His His Lys Leu Cys Asp Ile
1 5

<210> 17163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17163
Gly Leu Asn Leu Leu Arg Gln His His Lys
1 5 10

<210> 17164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17164
Arg Gln His His Lys Leu Cys Asp Ile Ile
1 5 10

<210> 17165
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17165
Ser Asn Cys Leu Gly Ile Cys Ser Phe
1 5

<210> 17166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17166
Val Leu Val His Thr Gln Trp Val Leu
1 5

<210> 17167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17167
Gly Val Leu Val His Thr Gln Trp Val
1 5

<210> 17168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17168
His Thr Gln Trp Val Leu Thr Ala Ala
1 5

<210> 17169
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17169
Thr Gln Trp Val Leu Thr Ala Ala His
1 5

<210> 17170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17170
Val His Thr Gln Trp Val Leu Thr Ala Ala
1 5 10

<210> 17171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17171
Tyr Ala Ser Gly Trp Gly Ser Ile Lys
1 5

<210> 17172
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17172
Ser Ile Lys Pro Glu Glu Phe Leu Arg
1 5

<210> 17173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17173
Gly Ser Ile Lys Pro Glu Glu Phe Leu Arg
1 5 10

<210> 17174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17174
Gly Trp Gly Ser Ile Lys Pro Glu Glu Phe
1 5 10

<210> 17175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17175
Met Leu Leu His Leu Ala Arg Pro Ala
1 5

<210> 17176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17176
Leu Leu His Leu Ala Arg Pro Ala Lys
1 5

<210> 17177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17177
Asp Ile Met Leu Leu His Leu Ala Arg
1 5

<210> 17178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17178
Ile Met Leu Leu His Leu Ala Arg Pro Ala
1 5 10

<210> 17179
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17179
Leu Leu His Leu Ala Arg Pro Ala Lys Leu
1 5 10

<210> 17180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17180
Met Leu Leu His Leu Ala Arg Pro Ala Lys
1 5 10

<210> 17181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17181
His Asp Gln Asp Ile Met Leu Leu His Leu
1 5 10

<210> 17182
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17182
Gln Gln Asn Glu Val Val Val Glu Leu
1 5

<210> 17183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17183
Thr Met Arg Arg Gln Gln Asn Glu Val
1 5

<210> 17184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17184
Arg Arg Gln Gln Asn Glu Val Val Val
1 5

<210> 17185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17185
Arg Gln Gln Asn Glu Val Val Val Glu
1 5

<210> 17186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17186
Thr Met Arg Arg Gln Gln Asn Glu Val Val
1 5 10

<210> 17187
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17187
Glu Thr Met Arg Arg Gln Gln Asn Glu Val
1 5 10

<210> 17188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17188
Met Arg Arg Gln Gln Asn Glu Val Val Val
1 5 10

<210> 17189
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17189
Arg Gln Gln Asn Glu Val Val Val Glu Leu
1 5 10

<210> 17190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17190
Gly Ser Lys Glu Cys Leu Phe Leu Lys
1 5

<210> 17191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17191
Trp Pro Trp Arg Pro Arg Gln Cys Leu
1 5

<210> 17192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17192
Arg Pro Arg Gln Cys Leu Cys Trp Ser
1 5

<210> 17193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17193
Ser Glu Arg Gly Ser Lys Glu Cys Leu
1 5

<210> 17194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17194
Phe Pro Glu Pro Glu Gly Ser Gly Trp
1 5

<210> 17195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17195
Glu Pro Glu Gly Ser Gly Trp Pro Trp
1 5

<210> 17196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17196
Cys Leu Cys Trp Ser Glu Arg Gly Ser Lys
1 5 10

<210> 17197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17197

Arg Gly Ser Lys Glu Cys Leu Phe Leu Lys
1 5 10

<210> 17198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17198
Glu Gly Ser Gly Trp Pro Trp Arg Pro Arg
1 5 10

<210> 17199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17199
Ser Glu Arg Gly Ser Lys Glu Cys Leu Phe
1 5 10

<210> 17200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17200
Leu Asp Thr Gly Gly Gln Glu Glu Tyr
1 5

<210> 17201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17201
Gly Gly Gln Glu Glu Tyr Ser Ala Met
1 5

<210> 17202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17202
Ile Leu Asp Thr Gly Gly Gln Glu Glu Tyr
1 5 10

<210> 17203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17203
Leu Asp Thr Ala Gly Lys Glu Glu Tyr
1 5

<210> 17204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17204
Ala Gly Lys Glu Glu Tyr Ser Ala Met
1 5

<210> 17205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17205
Ile Leu Asp Thr Ala Gly Lys Glu Glu Tyr
1 5 10

<210> 17206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17206
Asp Thr Ala Gly Lys Glu Glu Tyr Ser Ala
1 5 10

<210> 17207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17207
Leu Asp Thr Ala Gly Arg Glu Glu Tyr
1 5

<210> 17208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17208
Ala Gly Arg Glu Glu Tyr Ser Ala Met
1 5

<210> 17209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17209
Ile Leu Asp Thr Ala Gly Arg Glu Glu Tyr
1 5 10

<210> 17210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17210
Ala Gly Arg Glu Glu Tyr Ser Ala Met Arg
1 5 10

<210> 17211
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17211
Asp Thr Ala Gly Arg Glu Glu Tyr Ser Ala
1 5 10

<210> 17212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17212
Leu Asp Thr Ala Gly Leu Glu Glu Tyr
1 5

<210> 17213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17213
Ala Gly Leu Glu Glu Tyr Ser Ala Met
1 5

<210> 17214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17214
Ile Leu Asp Thr Ala Gly Leu Glu Glu Tyr

1 5 10

<210> 17215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17215
Leu Leu Asp Ile Leu Asp Thr Ala Gly Leu
1 5 10

<210> 17216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17216
Asp Thr Ala Gly Leu Glu Glu Tyr Ser Ala
1 5 10

<210> 17217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17217
Leu Asp Thr Ala Gly His Glu Glu Tyr
1 5

<210> 17218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17218
Ala Gly His Glu Glu Tyr Ser Ala Met
1 5

<210> 17219

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17219
Ile Leu Asp Thr Ala Gly His Glu Glu Tyr
1 5 10

<210> 17220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17220
Asp Thr Ala Gly His Glu Glu Tyr Ser Ala
1 5 10

<210> 17221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17221
Leu Asp Thr Ala Gly His Glu Glu Tyr
1 5

<210> 17222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17222
Ala Gly His Glu Glu Tyr Ser Ala Met
1 5

<210> 17223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17223
Ile Leu Asp Thr Ala Gly His Glu Glu Tyr
1 5 10

<210> 17224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17224
Asp Thr Ala Gly His Glu Glu Tyr Ser Ala
1 5 10

<210> 17225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17225
Leu Val Val Val Gly Ala Ser Gly Val
1 5

<210> 17226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17226
Lys Leu Val Val Val Gly Ala Ser Gly Val
1 5 10

<210> 17227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17227
Tyr Lys Leu Val Val Val Gly Ala Ser Gly
1 5 10

<210> 17228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17228
Ala Arg Gly Val Gly Lys Ser Ala Leu
1 5

<210> 17229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17229
Lys Leu Val Val Val Gly Ala Arg Gly Val
1 5 10

<210> 17230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17230
Val Val Val Gly Ala Arg Gly Val Gly Lys
1 5 10

<210> 17231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17231
Glu Tyr Lys Leu Val Val Val Gly Ala Arg
1 5 10

<210> 17232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17232
Gly Ala Arg Gly Val Gly Lys Ser Ala Leu
1 5 10

<210> 17233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17233
Arg Gly Val Gly Lys Ser Ala Leu Thr Ile
1 5 10

<210> 17234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17234
Leu Val Val Val Gly Ala Cys Gly Val
1 5

<210> 17235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17235
Val Val Gly Ala Cys Gly Val Gly Lys
1 5

<210> 17236
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17236
Lys Leu Val Val Val Gly Ala Cys Gly Val
1 5 10

<210> 17237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17237
Val Val Val Gly Ala Cys Gly Val Gly Lys
1 5 10

<210> 17238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17238
Leu Val Val Val Gly Ala Asp Gly Val
1 5

<210> 17239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17239
Val Val Gly Ala Asp Gly Val Gly Lys
1 5

<210> 17240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17240
Lys Leu Val Val Val Gly Ala Asp Gly Val
1 5 10

<210> 17241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17241
Val Val Val Gly Ala Asp Gly Val Gly Lys
1 5 10

<210> 17242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17242
Leu Val Val Val Gly Ala Ala Gly Val
1 5

<210> 17243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17243
Val Val Gly Ala Ala Gly Val Gly Lys
1 5

<210> 17244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17244
Tyr Lys Leu Val Val Val Gly Ala Ala
1 5

<210> 17245
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17245
Lys Leu Val Val Val Gly Ala Ala Gly Val
1 5 10

<210> 17246
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17246
Val Val Val Gly Ala Ala Gly Val Gly Lys
1 5 10

<210> 17247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17247
Tyr Lys Leu Val Val Val Gly Ala Ala Gly
1 5 10

<210> 17248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17248
Gly Ala Ala Gly Val Gly Lys Ser Ala Leu
1 5 10

<210> 17249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17249
Leu Val Val Val Gly Ala Val Gly Val
1 5

<210> 17250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17250
Val Val Gly Ala Val Gly Val Gly Lys
1 5

<210> 17251
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17251
Tyr Lys Leu Val Val Val Gly Ala Val
1 5

<210> 17252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17252
Lys Leu Val Val Val Gly Ala Val Gly Val
1 5 10

<210> 17253
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17253
Val Val Val Gly Ala Val Gly Val Gly Lys
1 5 10

<210> 17254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17254
Gly Ala Val Gly Val Gly Lys Ser Ala Leu
1 5 10

<210> 17255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17255
Val Val Gly Ala Gly Cys Val Gly Lys
1 5

<210> 17256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17256
Lys Leu Val Val Val Gly Ala Gly Cys Val
1 5 10

<210> 17257
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17257
Val Val Val Gly Ala Gly Cys Val Gly Lys
1 5 10

<210> 17258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17258
Val Val Gly Ala Gly Asp Val Gly Lys
1 5

<210> 17259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17259
Lys Leu Val Val Val Gly Ala Gly Asp Val
1 5 10

<210> 17260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17260
Val Val Val Gly Ala Gly Asp Val Gly Lys
1 5 10

<210> 17261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17261

Glu Thr Ser Thr Lys Thr Arg Gln Arg
1 5

<210> 17262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17262
Gly Ile Pro Phe Ile Glu Thr Ser Thr Lys
1 5 10

<210> 17263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17263
Glu Thr Ser Thr Lys Thr Arg Gln Arg Val
1 5 10

<210> 17264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17264
Arg Thr Gln Val Asn Arg Leu Gly Gly
1 5

<210> 17265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17265
Thr Gln Val Asn Arg Leu Gly Gly Arg
1 5

<210> 17266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17266
Arg Thr Gln Val Asn Arg Leu Gly Gly Arg
1 5 10

<210> 17267
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17267
Tyr Met Ile Lys Val Glu Trp Gln Ser
1 5

<210> 17268
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17268
Met Ile Lys Val Glu Trp Gln Ser Lys
1 5

<210> 17269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17269
Ile Lys Val Glu Trp Gln Ser Lys Val
1 5

<210> 17270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17270
Val Glu Trp Gln Ser Lys Val Asp Leu
1 5

<210> 17271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17271
Asn Ala Tyr Met Ile Lys Val Glu Trp
1 5

<210> 17272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17272
Met Ile Lys Val Glu Trp Gln Ser Lys Val
1 5 10

<210> 17273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17273
Tyr Met Ile Lys Val Glu Trp Gln Ser Lys
1 5 10

<210> 17274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17274
Val Glu Trp Gln Ser Lys Val Asp Leu Leu
1 5 10

<210> 17275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17275
Trp Leu Trp Trp Trp Ile Trp Gly Leu
1 5

<210> 17276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17276
Gly Gly Phe Arg His Trp Trp Leu Trp
1 5

<210> 17277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17277
Gly Phe Arg His Trp Trp Leu Trp Trp
1 5

<210> 17278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17278
Phe Arg His Trp Trp Leu Trp Trp Trp

1 5

<210> 17279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17279
Arg His Trp Trp Leu Trp Trp Trp Ile
1 5

<210> 17280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17280
His Trp Trp Leu Trp Trp Trp Ile Trp
1 5

<210> 17281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17281
Leu Trp Trp Trp Ile Trp Gly Leu Leu
1 5

<210> 17282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17282
Trp Trp Ile Trp Gly Leu Leu Gln Trp
1 5

<210> 17283

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17283
Cys Phe Gly Gly Ala Gly Gly Phe Arg
1 5

<210> 17284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17284
Gly Gly Ala Gly Gly Phe Arg His Trp
1 5

<210> 17285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17285
Trp Leu Trp Trp Trp Ile Trp Gly Leu Leu
1 5 10

<210> 17286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17286
Ala Gly Gly Phe Arg His Trp Trp Leu Trp
1 5 10

<210> 17287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17287
Gly Phe Arg His Trp Trp Leu Trp Trp Trp
1 5 10

<210> 17288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17288
Arg His Trp Trp Leu Trp Trp Trp Ile Trp
1 5 10

<210> 17289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17289
Trp Trp Leu Trp Trp Trp Ile Trp Gly Leu
1 5 10

<210> 17290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17290
Trp Trp Trp Ile Trp Gly Leu Leu Gln Trp
1 5 10

<210> 17291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17291
Phe Gly Gly Ala Gly Gly Phe Arg His Trp
1 5 10

<210> 17292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17292
Val Leu Asp Thr Lys Trp Thr Pro Leu
1 5

<210> 17293
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17293
Lys Val Leu Asp Thr Lys Trp Thr Pro Leu
1 5 10

<210> 17294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17294
Arg Ser Tyr Thr Ser Gly Pro Gly Ala
1 5

<210> 17295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17295
Gly Ala Arg Ile Ser Ser Ser Ser Phe
1 5

<210> 17296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17296
Ser Tyr Thr Ser Gly Pro Gly Ala Arg
1 5

<210> 17297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17297
Tyr Thr Ser Gly Pro Gly Ala Arg Ile
1 5

<210> 17298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17298
Arg Ser Tyr Thr Ser Gly Pro Gly Ala Arg
1 5 10

<210> 17299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17299
Ser Tyr Thr Ser Gly Pro Gly Ala Arg Ile
1 5 10

<210> 17300
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17300
Gly Ala Arg Ile Ser Ser Ser Ser Phe Ser
1 5 10

<210> 17301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17301
Val Ser Thr Arg Val Arg Trp Cys Arg
1 5

<210> 17302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17302
Ser Thr Arg Val Arg Trp Cys Arg Pro
1 5

<210> 17303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17303
Arg Val Arg Trp Cys Arg Pro Asp Cys
1 5

<210> 17304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17304
Gly Ala Val Ser Thr Arg Val Arg Trp
1 5

<210> 17305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17305
Ala Val Ser Thr Arg Val Arg Trp Cys Arg
1 5 10

<210> 17306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17306
Ser Thr Arg Val Arg Trp Cys Arg Pro Asp
1 5 10

<210> 17307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17307
Arg Val Arg Trp Cys Arg Pro Asp Cys Arg
1 5 10

<210> 17308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17308
Ser Gly Ala Val Ser Thr Arg Val Arg Trp
1 5 10

<210> 17309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17309
Cys Gln Ser Glu Ser Thr Gln Gln Ile
1 5

<210> 17310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17310
Glu Ser Thr Gln Gln Ile Gly Phe Val
1 5

<210> 17311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17311
Ser Glu Ser Thr Gln Gln Ile Gly Phe
1 5

<210> 17312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17312
Gln Ser Glu Ser Thr Gln Gln Ile Gly Phe
1 5 10

<210> 17313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17313
Gln Gln Ile Gly Phe Val Ala Gln Ser Cys
1 5 10

<210> 17314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17314
Ser Glu Ser Thr Gln Gln Ile Gly Phe Val
1 5 10

<210> 17315
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17315
Val Ser Arg Cys Cys Arg Pro Gln Cys
1 5

<210> 17316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17316
Cys Glu Ser Cys Cys Cys Arg Pro Cys
1 5

<210> 17317
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17317
Thr Cys Cys Arg Thr Thr Cys Phe Arg
1 5

<210> 17318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17318
Thr Thr Cys Cys Arg Thr Thr Cys Phe Arg
1 5 10

<210> 17319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17319
Ser Val Cys Cys Gln Pro Ser Cys Cys Arg
1 5 10

<210> 17320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17320
Cys Ser Asp Gln Gly Cys Gly Gln Val
1 5

<210> 17321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17321
Ser Asp Gln Gly Cys Gly Gln Val Leu
1 5

<210> 17322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17322
Gln Val Leu Cys Gln Glu Thr Cys Cys Arg
1 5 10

<210> 17323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17323
Gly Gly Cys Gly Ser Cys Gly Gly Tyr
1 5

<210> 17324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17324
Lys Gly Gly Cys Gly Ser Cys Gly Gly Tyr
1 5 10

<210> 17325
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17325

Met Pro Thr Arg Ala Pro Gln Val Ile
1 5

<210> 17326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17326
Phe Pro Asp Val Val Pro Val Pro Glu Met
1 5 10

<210> 17327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17327
Met Pro Thr Arg Ala Pro Gln Val Ile Leu
1 5 10

<210> 17328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17328
Pro Glu Met Pro Thr Arg Ala Pro Gln Val
1 5 10

<210> 17329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17329
Leu Leu Thr Gln Ser Gln Val Ser Val
1 5

<210> 17330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17330
Gln Val Ser Val Ser Trp Ser Pro Ala
1 5

<210> 17331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17331
Thr Gln Ser Gln Val Ser Val Ser Trp
1 5

<210> 17332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17332
Ser Gln Val Ser Val Ser Trp Ser Pro
1 5

<210> 17333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17333
His Leu Leu Thr Gln Ser Gln Val Ser Val
1 5 10

<210> 17334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17334
Ser Gln Val Ser Val Ser Trp Ser Pro Ala
1 5 10

<210> 17335
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17335
Leu Thr Gln Ser Gln Val Ser Val Ser Trp
1 5 10

<210> 17336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17336
Met Met Gly Gln Asn Gly Asn Leu Tyr
1 5

<210> 17337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17337
Val Met Met Gly Gln Asn Gly Asn Leu
1 5

<210> 17338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17338
His Ile Lys Gln Asp Glu Arg Val Met
1 5

<210> 17339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17339
Ile Lys Gln Asp Glu Arg Val Met Met
1 5

<210> 17340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17340
Val Met Met Gly Gln Asn Gly Asn Leu Tyr
1 5 10

<210> 17341
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17341
Met Met Gly Gln Asn Gly Asn Leu Tyr Phe
1 5 10

<210> 17342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17342
Arg Val Met Met Gly Gln Asn Gly Asn Leu

1 5 10

<210> 17343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17343
Leu His Ile Lys Gln Asp Glu Arg Val Met
1 5 10

<210> 17344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17344
His Val Arg Asn Ala Pro Ser Ala Ala
1 5

<210> 17345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17345
Ser Ala Ala Thr Ser Ser Ile Ala Ile
1 5

<210> 17346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17346
Ala Pro Ser Ala Ala Thr Ser Ser Ile
1 5

<210> 17347

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17347
Leu His Val Arg Asn Ala Pro Ser Ala
1 5

<210> 17348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17348
Ile Leu His Val Arg Asn Ala Pro Ser Ala
1 5 10

<210> 17349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17349
His Val Arg Asn Ala Pro Ser Ala Ala Thr
1 5 10

<210> 17350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17350
Asn Ala Pro Ser Ala Ala Thr Ser Ser Ile
1 5 10

<210> 17351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17351
Ala Pro Ser Ala Ala Thr Ser Ser Ile Ala
1 5 10

<210> 17352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17352
Leu His Val Arg Asn Ala Pro Ser Ala Ala
1 5 10

<210> 17353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17353
Val Leu Met Asp Tyr Leu Lys Ala Cys
1 5

<210> 17354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17354
Leu Met Asp Tyr Leu Lys Ala Cys Lys
1 5

<210> 17355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17355
Lys Phe Val Leu Met Asp Tyr Leu Lys
1 5

<210> 17356
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17356
Lys Asp Lys Phe Val Leu Met Asp Tyr
1 5

<210> 17357
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17357
Tyr Arg Lys Asp Lys Phe Val Leu Met
1 5

<210> 17358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17358
Leu Met Asp Tyr Leu Lys Ala Cys Lys Leu
1 5 10

<210> 17359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17359
Val Leu Met Asp Tyr Leu Lys Ala Cys Lys
1 5 10

<210> 17360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17360
Lys Gly Tyr Arg Lys Asp Lys Phe Val Leu
1 5 10

<210> 17361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17361
Arg Lys Asp Lys Phe Val Leu Met Asp Tyr
1 5 10

<210> 17362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17362
Leu Leu Ser Ala Val Thr Ala Arg Ala
1 5

<210> 17363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17363
Arg Leu Leu Ser Ala Val Thr Ala Arg
1 5

<210> 17364
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17364
Tyr Arg Leu Leu Ser Ala Val Thr Ala
1 5

<210> 17365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17365
Arg Leu Leu Ser Ala Val Thr Ala Arg Ala
1 5 10

<210> 17366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17366
Leu Leu Ser Ala Val Thr Ala Arg Ala Ala
1 5 10

<210> 17367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17367
Met Tyr Arg Leu Leu Ser Ala Val Thr Ala
1 5 10

<210> 17368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17368
Leu Ser Ala Val Thr Ala Arg Ala Ala Ala
1 5 10

<210> 17369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17369
Thr Leu Pro Glu Leu Ile Cys Thr Met
1 5

<210> 17370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17370
Ile Asp Gly Tyr Gly Gly Ile Thr Leu
1 5

<210> 17371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17371
Gly Tyr Gly Gly Ile Thr Leu Pro Glu Leu
1 5 10

<210> 17372
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17372
Thr Leu Pro Glu Leu Ile Cys Thr Met Phe
1 5 10

<210> 17373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17373
Ile Thr Leu Pro Glu Leu Ile Cys Thr Met
1 5 10

<210> 17374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17374
Gly Val Lys Cys Glu Glu Cys Glu Tyr
1 5

<210> 17375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17375
Cys Glu Tyr Gly His Trp Gly Tyr Asp Ala
1 5 10

<210> 17376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17376
Glu Glu Cys Glu Tyr Gly His Trp Gly Tyr
1 5 10

<210> 17377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17377
Glu Leu Asp Asp Ile Ile Lys Asn Val
1 5

<210> 17378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17378
Asn Val Ser Gly Ile Tyr Ala Glu Ile
1 5

<210> 17379
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17379
Ile Ile Lys Asn Val Ser Gly Ile Tyr
1 5

<210> 17380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17380
Asp Ile Ile Lys Asn Val Ser Gly Ile
1 5

<210> 17381
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17381
Ile Lys Asn Val Ser Gly Ile Tyr Ala
1 5

<210> 17382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17382
Ile Ile Lys Asn Val Ser Gly Ile Tyr Ala
1 5 10

<210> 17383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17383
Asp Ile Ile Lys Asn Val Ser Gly Ile Tyr
1 5 10

<210> 17384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17384
Lys Asn Val Ser Gly Ile Tyr Ala Glu Ile
1 5 10

<210> 17385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17385
Ser Glu Leu Asp Asp Ile Ile Lys Asn Val
1 5 10

<210> 17386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17386
Val Asn Tyr Val Ser Glu Ala Asn Lys
1 5

<210> 17387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17387
Tyr Val Ser Glu Ala Asn Lys Thr Ala
1 5

<210> 17388
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17388
Glu Ala Asn Lys Thr Ala Glu Phe Ala
1 5

<210> 17389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17389

Ser Glu Ala Asn Lys Thr Ala Glu Phe
1 5

<210> 17390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17390
Ile Val Asn Tyr Val Ser Glu Ala Asn Lys
1 5 10

<210> 17391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17391
Glu Ala Asn Lys Thr Ala Glu Phe Ala Leu
1 5 10

<210> 17392
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17392
Val Ser Glu Ala Asn Lys Thr Ala Glu Phe
1 5 10

<210> 17393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17393
Ser Glu Ala Asn Lys Thr Ala Glu Phe Ala
1 5 10

<210> 17394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17394
Ser Leu Asp Asn Gly Thr Val Ile Ile
1 5

<210> 17395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17395
Val Ile Ile Asp Val Lys Gly Ile Lys
1 5

<210> 17396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17396
Thr Val Ile Ile Asp Val Lys Gly Ile
1 5

<210> 17397
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17397
Val Ile Ile Asp Val Lys Gly Ile Lys Val
1 5 10

<210> 17398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17398
Thr Val Ile Ile Asp Val Lys Gly Ile Lys
1 5 10

<210> 17399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17399
Ile Ser Leu Asp Asn Gly Thr Val Ile Ile
1 5 10

<210> 17400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17400
Gln Leu Arg Ser Pro Arg Gly Pro Arg
1 5

<210> 17401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17401
Leu Gln Ser Gln Leu Arg Ser Pro Arg
1 5

<210> 17402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17402
Ser Pro Arg Gly Pro Arg His Glu Thr
1 5

<210> 17403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17403
Ser Gln Leu Arg Ser Pro Arg Gly Pro Arg
1 5 10

<210> 17404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17404
Gln Leu Arg Ser Pro Arg Gly Pro Arg His
1 5 10

<210> 17405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17405
Asp Leu Gln Ser Gln Leu Arg Ser Pro Arg
1 5 10

<210> 17406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17406
Ser Pro Arg Gly Pro Arg His Glu Thr Ala

1 5 10

<210> 17407
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17407
Gly Glu Pro Val Pro Trp Asn Pro Val
1 5

<210> 17408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17408
Val Val Leu Gly Glu Pro Val Pro Trp
1 5

<210> 17409
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17409
His Val Val Leu Gly Glu Pro Val Pro Trp
1 5 10

<210> 17410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17410
Glu Pro Val Pro Trp Asn Pro Val Thr Trp
1 5 10

<210> 17411

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17411
Val Phe Pro Ser Trp Lys Phe Leu Lys
1 5

<210> 17412
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17412
Lys His Pro Val Phe Pro Ser Trp Lys
1 5

<210> 17413
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17413
Phe Pro Ser Trp Lys Phe Leu Lys Val
1 5

<210> 17414
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17414
His Pro Val Phe Pro Ser Trp Lys Phe
1 5

<210> 17415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17415
Leu Lys His Pro Val Phe Pro Ser Trp
1 5

<210> 17416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17416
Trp Lys Phe Leu Lys Val Lys Asp Tyr
1 5

<210> 17417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17417
Pro Val Phe Pro Ser Trp Lys Phe Leu Lys
1 5 10

<210> 17418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17418
Lys His Pro Val Phe Pro Ser Trp Lys Phe
1 5 10

<210> 17419
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17419
Val Phe Pro Ser Trp Lys Phe Leu Lys Val
1 5 10

<210> 17420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17420
Ser Trp Lys Phe Leu Lys Val Lys Asp Tyr
1 5 10

<210> 17421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17421
His Pro Val Phe Pro Ser Trp Lys Phe Leu
1 5 10

<210> 17422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17422
Ile Leu Lys His Pro Val Phe Pro Ser Trp
1 5 10

<210> 17423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17423
Thr Tyr Gly Arg Gln Glu Gly Gln Tyr
1 5

<210> 17424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17424
Tyr Gly Arg Gln Glu Gly Gln Tyr Leu
1 5

<210> 17425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17425
Lys Thr Tyr Gly Arg Gln Glu Gly Gln Tyr
1 5 10

<210> 17426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17426
Thr Tyr Gly Arg Gln Glu Gly Gln Tyr Leu
1 5 10

<210> 17427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17427
Arg Gln Glu Gly Gln Tyr Leu Arg Pro Gly
1 5 10

<210> 17428
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17428
Ala Pro Pro His Pro Ser Leu Ala Thr
1 5

<210> 17429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17429
Ser Leu Ala Thr Arg Asp Gln Thr Gly Ala
1 5 10

<210> 17430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17430
Ala Thr Tyr Val Pro Val Ala Pro Pro His
1 5 10

<210> 17431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17431
Ala Thr Arg Asp Gln Thr Gly Ala Cys Leu
1 5 10

<210> 17432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17432
Val Pro Val Ala Pro Pro His Pro Ser Leu
1 5 10

<210> 17433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17433
Cys Ile Leu Tyr His Arg Trp Ile Val
1 5

<210> 17434
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17434
Val Leu Lys Lys His Trp Asn Ser Ala
1 5

<210> 17435
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17435
Tyr Leu Gly Arg Thr Leu Leu Val Thr
1 5

<210> 17436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17436
Ile Leu Tyr His Arg Trp Ile Val Thr
1 5

<210> 17437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17437
Val Thr Ser Met Cys Gln Ser Gln Arg
1 5

<210> 17438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17438
Ala Tyr Leu Gly Arg Thr Leu Leu Val
1 5

<210> 17439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17439
Arg Thr Leu Leu Val Thr Cys Ile Leu
1 5

<210> 17440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17440
Leu Tyr His Arg Trp Ile Val Thr Ser
1 5

<210> 17441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17441
Ser Ala Tyr Leu Gly Arg Thr Leu Leu
1 5

<210> 17442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17442
Arg Trp Leu Thr Ser Thr Thr Ser Arg
1 5

<210> 17443
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17443
Ser Thr Thr Ser Arg Ser Ser Ala Leu
1 5

<210> 17444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17444
Thr Thr Ser Arg Ser Ser Ala Leu Met
1 5

<210> 17445
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17445
Leu Lys Lys His Trp Asn Ser Ala Tyr
1 5

<210> 17446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17446
Thr Leu Leu Val Thr Cys Ile Leu Tyr
1 5

<210> 17447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17447
His Trp Asn Ser Ala Tyr Leu Gly Arg
1 5

<210> 17448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17448
Leu Val Thr Cys Ile Leu Tyr His Arg
1 5

<210> 17449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17449
Tyr His Arg Trp Ile Val Thr Ser Met
1 5

<210> 17450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17450
Lys Lys His Trp Asn Ser Ala Tyr Leu
1 5

<210> 17451
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17451
Asn Ser Ala Tyr Leu Gly Arg Thr Leu
1 5

<210> 17452
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17452
Ser Met Cys Gln Ser Gln Arg Trp Leu
1 5

<210> 17453
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17453

Cys Gln Ser Gln Arg Trp Leu Thr Ser
1 5

<210> 17454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17454
Ser Gln Arg Trp Leu Thr Ser Thr Thr
1 5

<210> 17455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17455
Thr Ser Arg Ser Ser Ala Leu Met Trp
1 5

<210> 17456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17456
Thr Ser Met Cys Gln Ser Gln Arg Trp
1 5

<210> 17457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17457
Ser Ala Tyr Leu Gly Arg Thr Leu Leu Val
1 5 10

<210> 17458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17458
Arg Thr Leu Leu Val Thr Cys Ile Leu Tyr
1 5 10

<210> 17459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17459
Leu Tyr His Arg Trp Ile Val Thr Ser Met
1 5 10

<210> 17460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17460
Ser Thr Thr Ser Arg Ser Ser Ala Leu Met
1 5 10

<210> 17461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17461
Val Leu Lys Lys His Trp Asn Ser Ala Tyr
1 5 10

<210> 17462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17462
Leu Leu Val Thr Cys Ile Leu Tyr His Arg
1 5 10

<210> 17463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17463
Ile Val Thr Ser Met Cys Gln Ser Gln Arg
1 5 10

<210> 17464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17464
Glu Val Leu Lys Lys His Trp Asn Ser Ala
1 5 10

<210> 17465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17465
Asn Ser Ala Tyr Leu Gly Arg Thr Leu Leu
1 5 10

<210> 17466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17466
Leu Lys Lys His Trp Asn Ser Ala Tyr Leu
1 5 10

<210> 17467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17467
Trp Asn Ser Ala Tyr Leu Gly Arg Thr Leu
1 5 10

<210> 17468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17468
Cys Gln Ser Gln Arg Trp Leu Thr Ser Thr
1 5 10

<210> 17469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17469
Ser Gln Arg Trp Leu Thr Ser Thr Thr Ser
1 5 10

<210> 17470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17470
Arg Glu Val Leu Lys Lys His Trp Asn Ser

1 5 10

<210> 17471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17471
Thr Thr Ser Arg Ser Ser Ala Leu Met Trp
1 5 10

<210> 17472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17472
Ala Thr Gly Tyr Ser Gly Phe Lys Lys
1 5

<210> 17473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17473
Arg Leu Ala Ser Phe Leu His His His
1 5

<210> 17474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17474
Gly Phe Glu Gly Arg Leu Ala Ser Phe
1 5

<210> 17475

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17475
Phe Pro Ala Thr Gly Tyr Ser Gly Phe
1 5

<210> 17476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17476
Leu Asp Tyr Phe Pro Ala Thr Gly Tyr
1 5

<210> 17477
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17477
Phe Glu Gly Arg Leu Ala Ser Phe Leu
1 5

<210> 17478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17478
Trp Leu Asp Tyr Phe Pro Ala Thr Gly Tyr
1 5 10

<210> 17479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17479
Tyr Phe Pro Ala Thr Gly Tyr Ser Gly Phe
1 5 10

<210> 17480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17480
Asn Gly Phe Glu Gly Arg Leu Ala Ser Phe
1 5 10

<210> 17481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17481
Ala Glu His Trp Leu Asp Tyr Phe Pro Ala
1 5 10

<210> 17482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17482
Phe Lys Lys Asn Gly Phe Glu Gly Arg Leu
1 5 10

<210> 17483
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17483
Ala Ala Leu Leu Val Leu Trp Gly Val
1 5

<210> 17484
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17484
Val Leu Trp Gly Val Ala Ala Ser Leu
1 5

<210> 17485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17485
Leu Leu Val Leu Trp Gly Val Ala Ala
1 5

<210> 17486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17486
Gly Ala Ala Leu Leu Val Leu Trp Gly Val
1 5 10

<210> 17487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17487
Ala Leu Leu Val Leu Trp Gly Val Ala Ala
1 5 10

<210> 17488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17488
Leu Val Leu Trp Gly Val Ala Ala Ser Leu
1 5 10

<210> 17489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17489
Trp Pro Gly Ala Ala Leu Leu Val Leu Trp
1 5 10

<210> 17490
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17490
Val Ile Thr Trp Phe Gln Asn Trp Arg
1 5

<210> 17491
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17491
Gln Val Ile Thr Trp Phe Gln Asn Trp
1 5

<210> 17492
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17492
Trp Phe Gln Asn Trp Arg Ala Lys Leu
1 5

<210> 17493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17493
Thr Trp Phe Gln Asn Trp Arg Ala Lys
1 5

<210> 17494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17494
Ile Thr Trp Phe Gln Asn Trp Arg Ala
1 5

<210> 17495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17495
Ile Thr Trp Phe Gln Asn Trp Arg Ala Lys
1 5 10

<210> 17496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17496
Gln Val Ile Thr Trp Phe Gln Asn Trp Arg
1 5 10

<210> 17497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17497
Thr Trp Phe Gln Asn Trp Arg Ala Lys Leu
1 5 10

<210> 17498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17498
Trp Phe Gln Asn Trp Arg Ala Lys Leu Lys
1 5 10

<210> 17499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17499
Asn Trp Arg Ala Lys Leu Lys Arg Asp Leu
1 5 10

<210> 17500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17500
Ala Gln Val Ile Thr Trp Phe Gln Asn Trp
1 5 10

<210> 17501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17501
Arg Val Asn Lys Pro Ala Ile Pro Gln Thr
1 5 10

<210> 17502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17502
Gln Leu Leu Lys Leu Leu Leu Gln Leu
1 5

<210> 17503
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17503
Leu Leu Leu Gln Leu Gln Pro Pro Leu
1 5

<210> 17504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17504
Gln Leu Gln Pro Pro Leu Pro Arg Ala
1 5

<210> 17505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17505
Lys Leu Leu Leu Gln Leu Gln Pro Pro Leu
1 5 10

<210> 17506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17506
Gln Leu Gln Pro Pro Leu Pro Arg Ala Leu
1 5 10

<210> 17507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17507
Leu Gln Leu Leu Lys Leu Leu Leu Gln Leu
1 5 10

<210> 17508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17508
Leu Gln Leu Gln Pro Pro Leu Pro Arg Ala
1 5 10

<210> 17509
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17509
Ser Ser Asn Pro Tyr Leu Leu Ser Tyr
1 5

<210> 17510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17510
Leu Leu Ser Tyr Pro Ser Asp Ser Leu
1 5

<210> 17511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17511
Ser Tyr Pro Ser Asp Ser Leu Glu Leu
1 5

<210> 17512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17512
Tyr Pro Ser Asp Ser Leu Glu Leu Met
1 5

<210> 17513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17513
Asn Pro Tyr Leu Leu Ser Tyr Pro Ser
1 5

<210> 17514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17514
Leu Ser Ser Asn Pro Tyr Leu Leu Ser Tyr
1 5 10

<210> 17515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17515
Tyr Leu Leu Ser Tyr Pro Ser Asp Ser Leu
1 5 10

<210> 17516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17516
Ser Tyr Pro Ser Asp Ser Leu Glu Leu Met
1 5 10

<210> 17517
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17517

Leu Ser Tyr Pro Ser Asp Ser Leu Glu Leu
1 5 10

<210> 17518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17518
Tyr Pro Ser Asp Ser Leu Glu Leu Met Val
1 5 10

<210> 17519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17519
Ile Leu Leu Leu Leu Leu Leu Leu Leu Phe
1 5 10

<210> 17520
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17520
Ala Pro Pro Pro Pro Pro Arg Ser Leu
1 5

<210> 17521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17521
Pro Pro Pro Pro Pro Arg Ser Leu Pro Leu
1 5 10

<210> 17522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17522
Gly Ile Met Phe Phe Ser Thr Thr Leu
1 5

<210> 17523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17523
Met Phe Phe Ser Thr Thr Leu Phe Val
1 5

<210> 17524
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17524
Phe Phe Ser Thr Thr Leu Phe Val Val
1 5

<210> 17525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17525
Ile Met Phe Phe Ser Thr Thr Leu Phe
1 5

<210> 17526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17526
Phe Ser Thr Thr Leu Phe Val Val Leu
1 5

<210> 17527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17527
Ser Thr Thr Leu Phe Val Val Leu Ala
1 5

<210> 17528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17528
Thr Thr Leu Phe Val Val Leu Ala Leu
1 5

<210> 17529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17529
Ile Met Phe Phe Ser Thr Thr Leu Phe Val
1 5 10

<210> 17530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17530
Met Phe Phe Ser Thr Thr Leu Phe Val Val
1 5 10

<210> 17531
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17531
Gly Ile Met Phe Phe Ser Thr Thr Leu Phe
1 5 10

<210> 17532
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17532
Phe Phe Ser Thr Thr Leu Phe Val Val Leu
1 5 10

<210> 17533
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17533
Phe Ser Ala Gly Ile Met Phe Phe Ser Thr
1 5 10

<210> 17534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17534
Phe Ser Thr Thr Leu Phe Val Val Leu Ala

1 5 10

<210> 17535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17535
Ser Thr Thr Leu Phe Val Val Leu Ala Leu
1 5 10

<210> 17536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17536
Thr Thr Leu Phe Val Val Leu Ala Leu Ala
1 5 10

<210> 17537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17537
Ala Gly Ile Met Phe Phe Ser Thr Thr Leu
1 5 10

<210> 17538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17538
Asn Ala Ile His Pro Gly Asp His Ile
1 5

<210> 17539

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17539
His Pro Gly Asp His Ile Leu Glu Ile
1 5

<210> 17540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17540
Ala Ile His Pro Gly Asp His Ile Leu
1 5

<210> 17541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17541
His Ile Leu Glu Ile Asn Gly Thr Pro Val
1 5 10

<210> 17542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17542
Arg Val Glu Trp Gly Lys Ile Trp Arg
1 5

<210> 17543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17543
Ile Trp Arg Leu Met Gly Lys Pro Arg
1 5

<210> 17544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17544
Val Glu Trp Gly Lys Ile Trp Arg Leu
1 5

<210> 17545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17545
Trp Gly Lys Ile Trp Arg Leu Met Gly Lys
1 5 10

<210> 17546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17546
Lys Ile Trp Arg Leu Met Gly Lys Pro Arg
1 5 10

<210> 17547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17547
Ile Trp Arg Leu Met Gly Lys Pro Arg Arg
1 5 10

<210> 17548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17548
Val Glu Trp Gly Lys Ile Trp Arg Leu Met
1 5 10

<210> 17549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17549
Ser Gln Phe Lys Asp Leu Pro Asp Lys
1 5

<210> 17550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17550
Leu Pro Asp Lys Ile Pro Leu Pro Leu
1 5

<210> 17551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17551
Lys Asp Leu Pro Asp Lys Ile Pro Leu
1 5

<210> 17552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17552
Val Ser Gln Phe Lys Asp Leu Pro Asp Lys
1 5 10

<210> 17553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17553
Ser Gln Phe Lys Asp Leu Pro Asp Lys Ile
1 5 10

<210> 17554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17554
Phe Lys Asp Leu Pro Asp Lys Ile Pro Leu
1 5 10

<210> 17555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17555
Leu Pro Asp Lys Ile Pro Leu Pro Leu Val
1 5 10

<210> 17556
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17556
Lys Thr Lys Ile Arg Glu Lys Lys Leu
1 5

<210> 17557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17557
Phe Thr Cys Lys Lys Thr Lys Ile Arg
1 5

<210> 17558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17558
Phe Tyr Phe Thr Cys Lys Lys Thr Lys Ile
1 5 10

<210> 17559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17559
Ser Phe Tyr Phe Thr Cys Lys Lys Thr Lys
1 5 10

<210> 17560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17560
Thr Cys Lys Lys Thr Lys Ile Arg Glu Lys
1 5 10

<210> 17561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17561
Tyr Phe Thr Cys Lys Lys Thr Lys Ile Arg
1 5 10

<210> 17562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17562
Phe Met Met Phe Gly Tyr Asp Gln Lys
1 5

<210> 17563
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17563
Asp Gln Lys Asn Leu Asn Met Ser Arg
1 5

<210> 17564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17564
Met Met Phe Gly Tyr Asp Gln Lys Asn
1 5

<210> 17565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17565
Met Met Phe Gly Tyr Asp Gln Lys Asn Leu
1 5 10

<210> 17566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17566
Leu Phe Met Met Phe Gly Tyr Asp Gln Lys
1 5 10

<210> 17567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17567
Phe Gly Tyr Asp Gln Lys Asn Leu Asn Met
1 5 10

<210> 17568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17568
Lys Lys Ala Pro Glu Pro Ser Gln Glu Leu
1 5 10

<210> 17569
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17569
Gly Lys Trp Pro His Gly Ala Val Cys
1 5

<210> 17570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17570
Gly Lys Trp Pro His Gly Ala Val Cys Val
1 5 10

<210> 17571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17571
Leu Gln Glu Val Leu Ser Ser Arg Met
1 5

<210> 17572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17572
Gly Leu Gln Glu Val Leu Ser Ser Arg Met
1 5 10

<210> 17573
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17573
Asp Asn Ile Lys Pro Pro Ala Glu Arg
1 5

<210> 17574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17574
Asn Ile Lys Pro Pro Ala Glu Arg Leu Arg
1 5 10

<210> 17575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17575
Pro Pro Ala Glu Arg Leu Arg Gly Pro Leu
1 5 10

<210> 17576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17576
Ser Leu Arg Ser Pro Trp Ala Leu Ser
1 5

<210> 17577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17577
Ala Pro Asp Ala Ser Gln Ala Ser Leu
1 5

<210> 17578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17578
Ser Gln Ala Ser Leu Arg Ser Pro Trp
1 5

<210> 17579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17579
Ala Ser Leu Arg Ser Pro Trp Ala Leu
1 5

<210> 17580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17580
Ser Leu Arg Ser Pro Trp Ala Leu Ser Val
1 5 10

<210> 17581
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17581

Ser Gln Ala Ser Leu Arg Ser Pro Trp Ala
1 5 10

<210> 17582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17582
Ala Ser Gln Ala Ser Leu Arg Ser Pro Trp
1 5 10

<210> 17583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17583
Ala Ala Arg Thr Cys Met Gly Ala Pro Gly
1 5 10

<210> 17584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17584
Arg Thr Cys Met Gly Ala Pro Gly Ser Leu
1 5 10

<210> 17585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17585
Val Pro Ala Ala Arg Thr Cys Met Gly Ala
1 5 10

<210> 17586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17586
Tyr Ser Val Pro Ala Ala Arg Thr Cys Met
1 5 10

<210> 17587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17587
Arg Met Glu Pro Glu Gly Pro Glu Tyr
1 5

<210> 17588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17588
Arg Met Glu Pro Glu Gly Pro Glu Tyr Trp
1 5 10

<210> 17589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17589
Lys Val Asn Arg Glu Asn Ala Gly Val
1 5

<210> 17590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17590
Val Asn Arg Glu Asn Ala Gly Val Lys
1 5

<210> 17591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17591
Lys Val Asn Arg Glu Asn Ala Gly Val Lys
1 5 10

<210> 17592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17592
Arg Glu Asn Ala Gly Val Lys Arg Ser Ala
1 5 10

<210> 17593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17593
Gly Leu Leu His Ile Phe Phe Leu Ala
1 5

<210> 17594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17594
Leu Leu His Ile Phe Phe Leu Ala Ala
1 5

<210> 17595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17595
His Ile Phe Phe Leu Ala Ala Phe Ala
1 5

<210> 17596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17596
Ile Phe Ala Gly Leu Leu His Ile Phe
1 5

<210> 17597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17597
Ile Phe Phe Leu Ala Ala Phe Ala Trp
1 5

<210> 17598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17598
Leu His Ile Phe Phe Leu Ala Ala Phe

1 5

<210> 17599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17599
Phe Ala Gly Leu Leu His Ile Phe Phe
1 5

<210> 17600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17600
Gly Leu Leu His Ile Phe Phe Leu Ala Ala
1 5 10

<210> 17601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17601
Ile Phe Ala Gly Leu Leu His Ile Phe Phe
1 5 10

<210> 17602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17602
Ile Phe Phe Leu Ala Ala Phe Ala Trp Met
1 5 10

<210> 17603

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17603
Cys Pro Ile Phe Ala Gly Leu Leu His Ile
1 5 10

<210> 17604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17604
Leu Leu His Ile Phe Phe Leu Ala Ala Phe
1 5 10

<210> 17605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17605
Pro Ile Phe Ala Gly Leu Leu His Ile Phe
1 5 10

<210> 17606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17606
His Ile Phe Phe Leu Ala Ala Phe Ala Trp
1 5 10

<210> 17607
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17607
Asp Ile Arg Val Ala Phe Val Leu Tyr
1 5

<210> 17608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17608
Lys Gln Asn Gly Arg Asn Gly Asp Ile
1 5

<210> 17609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17609
Arg Asn Gly Asp Ile Arg Val Ala Phe
1 5

<210> 17610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17610
Gly Asp Ile Arg Val Ala Phe Val Leu
1 5

<210> 17611
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17611
Gly Arg Asn Gly Asp Ile Arg Val Ala Phe
1 5 10

<210> 17612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17612
Gly Asp Ile Arg Val Ala Phe Val Leu Tyr
1 5 10

<210> 17613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17613
Tyr Ser Lys His Thr Met Thr Gly Tyr
1 5

<210> 17614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17614
Cys Ser Phe Trp Ser Tyr Ser Lys His
1 5

<210> 17615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17615
His Thr Met Thr Gly Tyr Trp Ser Thr
1 5

<210> 17616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17616
Phe Trp Ser Tyr Ser Lys His Thr Met
1 5

<210> 17617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17617
Ser Lys His Thr Met Thr Gly Tyr Trp
1 5

<210> 17618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17618
Ser Phe Trp Ser Tyr Ser Lys His Thr Met
1 5 10

<210> 17619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17619
Ser Tyr Ser Lys His Thr Met Thr Gly Tyr
1 5 10

<210> 17620
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17620
Trp Ser Tyr Ser Lys His Thr Met Thr Gly
1 5 10

<210> 17621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17621
Tyr Ser Lys His Thr Met Thr Gly Tyr Trp
1 5 10

<210> 17622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17622
Arg Met Trp Asn Asp Thr Val Gln Lys
1 5

<210> 17623
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17623
Val Gln Lys Gln Ser Glu Ser Ser Phe
1 5

<210> 17624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17624
Thr Val Gln Lys Gln Ser Glu Ser Ser Phe
1 5 10

<210> 17625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17625
Arg Met Trp Asn Asp Thr Val Gln Lys Gln
1 5 10

<210> 17626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17626
Val Gln Lys Gln Ser Glu Ser Ser Phe Ile
1 5 10

<210> 17627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17627
Phe Glu Asn Gln Asp Ile His Ser Ala Leu
1 5 10

<210> 17628
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17628
Ser Leu Cys Ala Tyr Ala Val Thr Tyr
1 5

<210> 17629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17629
Asp Ala Ser Leu Cys Ala Tyr Ala Val
1 5

<210> 17630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17630
Cys Lys Asp Ala Ser Leu Cys Ala Tyr
1 5

<210> 17631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17631
Ser Leu Cys Ala Tyr Ala Val Thr Tyr Thr
1 5 10

<210> 17632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17632
Arg Ala Phe Pro Cys Lys Asp Ala Ser Leu
1 5 10

<210> 17633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17633
Ala Ser Leu Cys Ala Tyr Ala Val Thr Tyr
1 5 10

<210> 17634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17634
Phe Pro Cys Lys Asp Ala Ser Leu Cys Ala
1 5 10

<210> 17635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17635
Lys Asp Ala Ser Leu Cys Ala Tyr Ala Val
1 5 10

<210> 17636
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17636
Arg Val Ser Ile Gln Ser Ser Pro Gly
1 5

<210> 17637
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17637
Ile Gln Ser Ser Pro Gly Ser Ser Gln
1 5

<210> 17638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17638
Gln Ser Ser Pro Gly Ser Ser Gln Leu Val
1 5 10

<210> 17639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17639
Ile Gln Ser Ser Pro Gly Ser Ser Gln Leu
1 5 10

<210> 17640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17640
Ser Pro Gly Ser Ser Gln Leu Val His Ile
1 5 10

<210> 17641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17641
Leu Ser Val Thr Ser Ser Lys Leu Tyr
1 5

<210> 17642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17642
Thr Leu Ser Val Thr Ser Ser Lys Leu
1 5

<210> 17643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17643
Gly Thr Leu Ser Val Thr Ser Ser Lys
1 5

<210> 17644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17644
Thr Ser Ser Lys Leu Tyr Phe Glu Val
1 5

<210> 17645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17645

Ser Val Thr Ser Ser Lys Leu Tyr Phe
1 5

<210> 17646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17646
Val Thr Ser Ser Lys Leu Tyr Phe Glu Val
1 5 10

<210> 17647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17647
Lys Gly Thr Leu Ser Val Thr Ser Ser Lys
1 5 10

<210> 17648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17648
Thr Leu Ser Val Thr Ser Ser Lys Leu Tyr
1 5 10

<210> 17649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17649
Leu Ser Val Thr Ser Ser Lys Leu Tyr Phe
1 5 10

<210> 17650
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17650
Phe Leu Gly Ala Cys Lys Lys Leu Gly Val
1 5 10

<210> 17651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17651
Ile Leu Asn Lys Asn Gln Leu Thr Leu
1 5

<210> 17652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17652
Asn Leu His His Leu Ile Leu Asn Lys
1 5

<210> 17653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17653
Ile Leu Asn Lys Asn Gln Leu Thr Leu Ile
1 5 10

<210> 17654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17654
Ser Asn Leu His His Leu Ile Leu Asn Lys
1 5 10

<210> 17655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17655
Leu Ile Leu Asn Lys Asn Gln Leu Thr Leu
1 5 10

<210> 17656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17656
Leu Leu Leu Leu Trp Leu Val Leu Leu
1 5

<210> 17657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17657
Leu Leu Trp Leu Val Leu Leu Arg Leu
1 5

<210> 17658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17658
Leu Val Leu Leu Arg Leu Glu Pro Val
1 5

<210> 17659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17659
Leu Leu Leu Trp Leu Val Leu Leu Arg
1 5

<210> 17660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17660
Leu Leu Leu Trp Leu Val Leu Leu Arg Leu
1 5 10

<210> 17661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17661
Trp Leu Val Leu Leu Arg Leu Glu Pro Val
1 5 10

<210> 17662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17662
Ser Pro Cys Leu Leu Leu Leu Trp Leu Val

1 5 10

<210> 17663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17663
Leu Leu Leu Leu Trp Leu Leu Leu Val
1 5

<210> 17664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17664
Leu Leu Trp Leu Leu Leu Val Arg Leu
1 5

<210> 17665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17665
Leu Leu Leu Val Arg Leu Glu Pro Val
1 5

<210> 17666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17666
Val Arg Leu Glu Pro Val Thr Ala Ala
1 5

<210> 17667

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17667
Cys Leu Leu Leu Leu Trp Leu Leu Leu Val
1 5 10

<210> 17668
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17668
Leu Leu Leu Trp Leu Leu Leu Val Arg Leu
1 5 10

<210> 17669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17669
Trp Leu Leu Leu Val Arg Leu Glu Pro Val
1 5 10

<210> 17670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17670
Ala Thr Arg Thr Pro Gly Gly Cys His
1 5

<210> 17671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17671
Ala Thr Arg Thr Pro Gly Gly Cys His Thr
1 5 10

<210> 17672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17672
Thr Pro Gly Gly Cys His Thr Asp Glu Phe
1 5 10

<210> 17673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17673
Thr Leu Tyr Gly Gly Gly Gly Leu Leu
1 5

<210> 17674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17674
Trp Leu Arg Pro Thr Ser Gly Pro Ala
1 5

<210> 17675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17675
Pro Val Arg Pro Met Gly Ala Arg Ala
1 5

<210> 17676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17676
Phe Ala Val Thr Leu Tyr Gly Gly Arg
1 5

<210> 17677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17677
Pro Ala Thr Met Ser Pro Trp Tyr Arg
1 5

<210> 17678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17678
Thr Thr Pro Pro Ala Ser Pro Trp Leu
1 5

<210> 17679
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17679
Thr Thr Gly Pro Cys Pro Ala Pro Ala
1 5

<210> 17680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17680
Arg Pro Thr Ser Gly Pro Ala Thr Met
1 5

<210> 17681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17681
Pro Pro Ala Ser Pro Trp Leu Pro Ile
1 5

<210> 17682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17682
Arg Pro Met Gly Ala Arg Ala Pro Ala
1 5

<210> 17683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17683
Tyr Arg Gly Pro Thr Pro Ser Pro Leu
1 5

<210> 17684
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17684
Cys Thr Thr Pro Pro Ala Ser Pro Trp
1 5

<210> 17685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17685
Trp Leu Pro Ile Pro Val Arg Pro Met
1 5

<210> 17686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17686
Gly Pro Ala Thr Met Ser Pro Trp Tyr
1 5

<210> 17687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17687
Thr Leu Tyr Gly Gly Arg Ser Thr Gly Leu
1 5 10

<210> 17688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17688
Gly Leu Thr Gly Glu Gln Thr His Trp Leu
1 5 10

<210> 17689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17689
Thr Met Ser Pro Trp Tyr Arg Gly Pro Thr
1 5 10

<210> 17690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17690
Trp Tyr Arg Gly Pro Thr Pro Ser Pro Leu
1 5 10

<210> 17691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17691
His Trp Leu Arg Pro Thr Ser Gly Pro Ala
1 5 10

<210> 17692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17692
Gly Ala Arg Ala Pro Ala Pro Thr Cys Val
1 5 10

<210> 17693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17693
Ser Gly Pro Ala Thr Met Ser Pro Trp Tyr
1 5 10

<210> 17694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17694
Pro Phe Ala Val Thr Leu Tyr Gly Gly Arg
1 5 10

<210> 17695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17695
Leu Thr Gly Glu Gln Thr His Trp Leu Arg
1 5 10

<210> 17696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17696
Cys Thr Thr Pro Pro Ala Ser Pro Trp Leu
1 5 10

<210> 17697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17697
Thr Thr Thr Gly Pro Cys Pro Ala Pro Ala
1 5 10

<210> 17698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17698
Ser Pro Trp Tyr Arg Gly Pro Thr Pro Ser
1 5 10

<210> 17699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17699
Thr Pro Pro Ala Ser Pro Trp Leu Pro Ile
1 5 10

<210> 17700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17700
Leu Pro Ile Pro Val Arg Pro Met Gly Ala
1 5 10

<210> 17701
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17701
Ile Pro Val Arg Pro Met Gly Ala Arg Ala
1 5 10

<210> 17702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17702
Arg Pro Met Gly Ala Arg Ala Pro Ala Pro
1 5 10

<210> 17703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17703
Ala Pro Ala Pro Thr Cys Val Ser Ser Thr
1 5 10

<210> 17704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17704
Trp Leu Arg Pro Thr Ser Gly Pro Ala Thr
1 5 10

<210> 17705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17705
Leu Arg Pro Thr Ser Gly Pro Ala Thr Met
1 5 10

<210> 17706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17706
Thr Ser Gly Pro Ala Thr Met Ser Pro Trp
1 5 10

<210> 17707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17707
Arg Cys Thr Thr Pro Pro Ala Ser Pro Trp
1 5 10

<210> 17708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17708
Gly Glu Gln Thr His Trp Leu Arg Pro Thr
1 5 10

<210> 17709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17709

Thr Leu Leu Leu Leu Leu Gly Gly Ala
1 5

<210> 17710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17710
Arg Gly Ser Gly Gly Tyr Ser Ala Met
1 5

<210> 17711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17711
Cys Pro Gly Arg Gly Ser Gly Gly Tyr
1 5

<210> 17712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17712
Gly Arg Gly Ser Gly Gly Tyr Ser Ala Met
1 5 10

<210> 17713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17713
Gly Thr Cys Tyr Gly Asp Tyr Val Lys
1 5

<210> 17714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17714
Lys Leu Asp Gly Thr Cys Tyr Gly Asp Tyr
1 5 10

<210> 17715
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17715
Thr Asp Phe Lys Leu Asp Gly Thr Cys Tyr
1 5 10

<210> 17716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17716
Thr Cys Tyr Gly Asp Tyr Val Lys Ile Tyr
1 5 10

<210> 17717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17717
Cys Ser Asn Cys Gln Cys Ile Pro Ala Lys
1 5 10

<210> 17718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17718
Arg Tyr Gly Ile Phe Phe Trp Thr Asp
1 5

<210> 17719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17719
Ala Leu Asp Pro Arg Tyr Gly Ile Phe
1 5

<210> 17720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17720
Tyr Gly Ile Phe Phe Trp Thr Asp Trp
1 5

<210> 17721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17721
Asp Pro Arg Tyr Gly Ile Phe Phe Trp
1 5

<210> 17722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17722
Gly Ile Phe Phe Trp Thr Asp Trp Asp Ala
1 5 10

<210> 17723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17723
Ile Ala Leu Asp Pro Arg Tyr Gly Ile Phe
1 5 10

<210> 17724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17724
Arg Tyr Gly Ile Phe Phe Trp Thr Asp Trp
1 5 10

<210> 17725
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17725
Phe Phe Trp Thr Asp Trp Asp Ala Asn Phe
1 5 10

<210> 17726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17726
Ala Leu Asp Pro Arg Tyr Gly Ile Phe Phe

1 5 10

<210> 17727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17727
Thr Ser Ile Ser Asp Arg Pro Gly Lys
1 5

<210> 17728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17728
Asp Gly Phe Thr Ser Ile Ser Asp Arg
1 5

<210> 17729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17729
Ser Ile Ser Asp Arg Pro Gly Lys Arg
1 5

<210> 17730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17730
Phe Thr Ser Ile Ser Asp Arg Pro Gly Lys
1 5 10

<210> 17731

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17731
Thr Ser Ile Ser Asp Arg Pro Gly Lys Arg
1 5 10

<210> 17732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17732
Ile Val Val Asp Pro Thr Val Gly Tyr
1 5

<210> 17733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17733
Leu Gly His Pro Arg Gly Ile Val Val
1 5

<210> 17734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17734
Val Val Asp Pro Thr Val Gly Tyr Leu Phe
1 5 10

<210> 17735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17735
Ile Val Val Asp Pro Thr Val Gly Tyr Leu
1 5 10

<210> 17736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17736
Gly Ile Val Val Asp Pro Thr Val Gly Tyr
1 5 10

<210> 17737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17737
His Pro Arg Gly Ile Val Val Asp Pro Thr
1 5 10

<210> 17738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17738
Val Leu Gly Asn Pro Ser Phe Phe Val
1 5

<210> 17739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17739
Val Pro Val Leu Gly Asn Pro Ser Phe
1 5

<210> 17740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17740
Gln Glu Asp Val Met Val Pro Val Leu
1 5

<210> 17741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17741
Val Pro Val Leu Gly Asn Pro Ser Phe Phe
1 5 10

<210> 17742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17742
Met Val Pro Val Leu Gly Asn Pro Ser Phe
1 5 10

<210> 17743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17743
Thr Gln Glu Asp Val Met Val Pro Val Leu
1 5 10

<210> 17744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17744
Ser Val Ser Asp Ile Ile Tyr Phe Thr
1 5

<210> 17745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17745
Ile Ile Tyr Phe Thr Gln Asn Leu Ala
1 5

<210> 17746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17746
Asp Ile Ile Tyr Phe Thr Gln Asn Leu
1 5

<210> 17747
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17747
Leu Asp Tyr Asp Ser Val Ser Asp Ile
1 5

<210> 17748
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17748
Tyr Asp Ser Val Ser Asp Ile Ile Tyr
1 5

<210> 17749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17749
Asp Ser Val Ser Asp Ile Ile Tyr Phe Thr
1 5 10

<210> 17750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17750
Asp Ile Ile Tyr Phe Thr Gln Asn Leu Ala
1 5 10

<210> 17751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17751
Leu Asp Tyr Asp Ser Val Ser Asp Ile Ile
1 5 10

<210> 17752
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17752
Tyr Asp Ser Val Ser Asp Ile Ile Tyr Phe
1 5 10

<210> 17753
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17753
Ser Asp Ile Ile Tyr Phe Thr Gln Asn Leu
1 5 10

<210> 17754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17754
Cys Gln Asn Gly Cys Cys Ile Ser Lys
1 5

<210> 17755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17755
His Leu Phe Pro Pro Pro Pro Pro Pro Cys
1 5 10

<210> 17756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17756
Phe Asp Val Thr Asp Asn Gln Ile Tyr
1 5

<210> 17757
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17757
Gln Ile Tyr Trp Thr Asp Ile Ser Leu
1 5

<210> 17758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17758
Asn Gln Ile Tyr Trp Thr Asp Ile Ser Leu
1 5 10

<210> 17759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17759
Gln Ile Tyr Trp Thr Asp Ile Ser Leu Lys
1 5 10

<210> 17760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17760
Lys Leu Ser Ser Lys Asn Leu Lys Leu
1 5

<210> 17761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17761
Phe Thr Lys Leu Ser Ser Lys Asn Leu Lys
1 5 10

<210> 17762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17762
Thr Lys Leu Ser Ser Lys Asn Leu Lys Leu
1 5 10

<210> 17763
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17763
Glu Leu Cys Pro Val Ala Met Trp Val
1 5

<210> 17764
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17764
Trp Val Ala Glu Gly His Asn Lys Met
1 5

<210> 17765
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17765
Gln Glu Leu Cys Pro Val Ala Met Trp
1 5

<210> 17766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17766
Ala Met Trp Val Ala Glu Gly His Asn Lys
1 5 10

<210> 17767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17767
Met Trp Val Ala Glu Gly His Asn Lys Met
1 5 10

<210> 17768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17768
Glu Leu Cys Pro Val Ala Met Trp Val Ala
1 5 10

<210> 17769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17769
Trp Val Ala Glu Gly His Asn Lys Met Leu
1 5 10

<210> 17770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17770
Gln Glu Leu Cys Pro Val Ala Met Trp Val
1 5 10

<210> 17771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17771
Asn Ala Trp Asp Asn Leu Asn Arg Ile
1 5

<210> 17772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17772
Cys Leu Arg Lys Cys Gln Asn Ala Trp
1 5

<210> 17773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17773

Arg Lys Cys Gln Asn Ala Trp Asp Asn Leu
1 5 10

<210> 17774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17774
Phe Leu Arg Ala Ser Asn Ala Glu Ser
1 5

<210> 17775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17775
Arg Ala Ser Asn Ala Glu Ser Arg Lys
1 5

<210> 17776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17776
Ser Thr Val Asn Lys Phe Leu Arg Ala
1 5

<210> 17777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17777
Phe Leu Arg Ala Ser Asn Ala Glu Ser Arg
1 5 10

<210> 17778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17778
Phe Ser Gln Glu His Lys Ala Ala Val
1 5

<210> 17779
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17779
Ser Gln Glu His Lys Ala Ala Val Ser Val
1 5 10

<210> 17780
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17780
His Leu Asp Ser Pro Ser Val Ser Val
1 5

<210> 17781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17781
His Leu Asp Ser Pro Ser Val Ser Val Lys
1 5 10

<210> 17782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17782
Gln Thr His His Leu Asp Ser Pro Ser Val
1 5 10

<210> 17783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17783
His Gln Thr His His Leu Asp Ser Pro Ser
1 5 10

<210> 17784
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17784
Ser Ser Arg Cys Trp Ala Gly Ala Trp
1 5

<210> 17785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17785
Glu Leu Arg Gln Asp Pro Pro Ser Ser Arg
1 5 10

<210> 17786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17786
Arg Gln Asp Pro Pro Ser Ser Arg Cys Trp
1 5 10

<210> 17787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17787
His Ser Arg Glu Gln Gln Pro Tyr Glu
1 5

<210> 17788
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17788
Ser Gln Ser Leu Gln His His Ser Arg
1 5

<210> 17789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17789
His His Ser Arg Glu Gln Gln Pro Tyr
1 5

<210> 17790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17790
Leu Met Gly Ser Gln Ser Leu Gln His His

1 5 10

<210> 17791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17791
Gln His His Ser Arg Glu Gln Gln Pro Tyr
1 5 10

<210> 17792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17792
Val Val Val Ala Ala Glu Ala Glu Val
1 5

<210> 17793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17793
Glu Ala Ala Ala Val Val Val Ala Ala
1 5

<210> 17794
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17794
Met Glu Ala Ala Ala Val Val Val Ala
1 5

<210> 17795

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17795
Ala Val Val Val Ala Ala Glu Ala Glu Val
1 5 10

<210> 17796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17796
Met Glu Ala Ala Ala Val Val Val Ala Ala
1 5 10

<210> 17797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17797
Leu Glu Ile Leu Arg Cys Gly Pro Leu
1 5

<210> 17798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17798
Gly Pro Leu Asp Thr Leu Gln Gln Val
1 5

<210> 17799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17799
Ile Leu Arg Cys Gly Pro Leu Asp Thr Leu
1 5 10

<210> 17800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17800
Lys Lys Lys Thr Ala Gly Lys Asn Tyr
1 5

<210> 17801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17801
Phe Phe His Lys Lys Lys Thr Ala Gly Lys
1 5 10

<210> 17802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17802
His Lys Lys Lys Thr Ala Gly Lys Asn Tyr
1 5 10

<210> 17803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17803
Leu Gln Trp Asn Arg Ile Arg Tyr Ile
1 5

<210> 17804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17804
Arg Ile Arg Tyr Ile Ser Gln Gly Leu
1 5

<210> 17805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17805
Tyr Ile Ser Gln Gly Leu Thr Trp Thr
1 5

<210> 17806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17806
Arg Tyr Ile Ser Gln Gly Leu Thr Trp
1 5

<210> 17807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17807
Tyr Leu Gln Trp Asn Arg Ile Arg Tyr
1 5

<210> 17808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17808
Tyr Leu Gln Trp Asn Arg Ile Arg Tyr Ile
1 5 10

<210> 17809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17809
Ile Tyr Leu Gln Trp Asn Arg Ile Arg Tyr
1 5 10

<210> 17810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17810
Tyr Ile Ser Gln Gly Leu Thr Trp Thr Trp
1 5 10

<210> 17811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17811
Arg Ile Arg Tyr Ile Ser Gln Gly Leu Thr
1 5 10

<210> 17812
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17812
Leu Gln Trp Asn Arg Ile Arg Tyr Ile Ser
1 5 10

<210> 17813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17813
Asn Arg Ile Arg Tyr Ile Ser Gln Gly Leu
1 5 10

<210> 17814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17814
Ile Arg Tyr Ile Ser Gln Gly Leu Thr Trp
1 5 10

<210> 17815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17815
Leu Leu Arg His Leu Pro Leu Leu Arg
1 5

<210> 17816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17816
Leu Pro Leu Leu Arg His Leu Asp Leu
1 5

<210> 17817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17817
Asp Leu Leu Arg His Leu Pro Leu Leu
1 5

<210> 17818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17818
Arg Asp Leu Leu Arg His Leu Pro Leu
1 5

<210> 17819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17819
Arg His Leu Pro Leu Leu Arg His Leu
1 5

<210> 17820
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17820
Asp Leu Leu Arg His Leu Pro Leu Leu Arg
1 5 10

<210> 17821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17821
Arg Asp Leu Leu Arg His Leu Pro Leu Leu
1 5 10

<210> 17822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17822
Leu Arg His Leu Pro Leu Leu Arg His Leu
1 5 10

<210> 17823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17823
Ser Leu Ser Leu Arg Ser Asn Arg Val
1 5

<210> 17824
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17824
Val Gln Asn Leu Asp Arg Leu Thr Phe
1 5

<210> 17825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17825
Leu Arg Ser Asn Arg Val Gln Asn Leu
1 5

<210> 17826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17826
Ser Leu Arg Ser Asn Arg Val Gln Asn Leu
1 5 10

<210> 17827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17827
Arg Ser Asn Arg Val Gln Asn Leu Asp Arg
1 5 10

<210> 17828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17828
Arg Val Gln Asn Leu Asp Arg Leu Thr Phe
1 5 10

<210> 17829
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17829
Arg Ser Leu Ser Leu Arg Ser Asn Arg Val
1 5 10

<210> 17830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17830
Leu Leu Thr Ala Tyr Gly Tyr Met Leu
1 5

<210> 17831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17831
Thr Ala Tyr Gly Tyr Met Leu Gly Phe
1 5

<210> 17832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17832
Ala Tyr Gly Tyr Met Leu Gly Phe Met
1 5

<210> 17833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17833
Gly Tyr Met Leu Gly Phe Met Thr Ala
1 5

<210> 17834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17834
Tyr Met Leu Gly Phe Met Thr Ala His
1 5

<210> 17835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17835
Leu Thr Ala Tyr Gly Tyr Met Leu Gly Phe
1 5 10

<210> 17836
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17836
Tyr Met Leu Gly Phe Met Thr Ala His Gly
1 5 10

<210> 17837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17837

Thr Ala Tyr Gly Tyr Met Leu Gly Phe Met
1 5 10

<210> 17838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17838
Tyr Gly Tyr Met Leu Gly Phe Met Thr Ala
1 5 10

<210> 17839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17839
Glu Ile Ser Leu Glu Thr Ser Pro Lys
1 5

<210> 17840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17840
Gln Glu Ile Val Ile Glu Ile Ser Leu
1 5

<210> 17841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17841
Leu Glu Thr Ser Pro Lys Ser Ser Ala
1 5

<210> 17842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17842
Asn Gln Glu Ile Val Ile Glu Ile Ser Leu
1 5 10

<210> 17843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17843
Leu Glu Thr Ser Pro Lys Ser Ser Ala Leu
1 5 10

<210> 17844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17844
Val Leu Leu Thr Ala Pro Leu Phe Leu
1 5

<210> 17845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17845
Leu Thr Ala Pro Leu Phe Leu His Phe
1 5

<210> 17846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17846
Leu Ala Val Leu Leu Thr Ala Pro Leu
1 5

<210> 17847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17847
Thr Ala Pro Leu Phe Leu His Phe Leu
1 5

<210> 17848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17848
Ala Val Leu Leu Thr Ala Pro Leu Phe
1 5

<210> 17849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17849
Leu Thr Ala Pro Leu Phe Leu His Phe Leu
1 5 10

<210> 17850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17850
Asp Leu Ala Val Leu Leu Thr Ala Pro Leu
1 5 10

<210> 17851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17851
Leu Leu Thr Ala Pro Leu Phe Leu His Phe
1 5 10

<210> 17852
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17852
Thr Ala Pro Leu Phe Leu His Phe Leu Ala
1 5 10

<210> 17853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17853
Leu Ala Val Leu Leu Thr Ala Pro Leu Phe
1 5 10

<210> 17854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17854
Ile Glu Glu Leu Gly Thr Glu Gly Lys Val

1 5 10

<210> 17855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17855
Ser Tyr Ser Lys Ile Lys His Leu Leu
1 5

<210> 17856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17856
Tyr Ser Lys Ile Lys His Leu Leu Leu
1 5

<210> 17857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17857
Ser Tyr Ser Lys Ile Lys His Leu Leu Leu
1 5 10

<210> 17858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17858
Leu Ser Tyr Ser Lys Ile Lys His Leu Leu
1 5 10

<210> 17859

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17859
Asp Met Tyr Glu Cys Leu Cys Val Ala
1 5

<210> 17860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17860
Tyr Glu Cys Leu Cys Val Ala Asn Glu Val
1 5 10

<210> 17861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17861
Val Thr Leu Pro Leu Asn Leu Ser Val
1 5

<210> 17862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17862
Ser Val Thr Leu Pro Leu Asn Leu Ser Val
1 5 10

<210> 17863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17863
Glu Glu Lys Leu Val Phe Ile Glu Thr
1 5

<210> 17864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17864
Lys Leu Gln Glu Gly Cys Glu Glu Lys Leu
1 5 10

<210> 17865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17865
Lys Leu Val Phe Ile Glu Thr Gly Thr Ala
1 5 10

<210> 17866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17866
Gln Glu Gly Cys Glu Glu Lys Leu Val Phe
1 5 10

<210> 17867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17867
Cys Glu Glu Lys Leu Val Phe Ile Glu Thr
1 5 10

<210> 17868
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17868
His Ile Ala Asn His Ile Cys Asn Leu
1 5

<210> 17869
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17869
His Ser Ile His Ile Ala Asn His Ile
1 5

<210> 17870
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17870
Glu Glu Asp Arg Leu His Ser Ile His
1 5

<210> 17871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17871
His Ile Ala Asn His Ile Cys Asn Leu Ile
1 5 10

<210> 17872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17872
Arg Leu His Ser Ile His Ile Ala Asn His
1 5 10

<210> 17873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17873
Phe Glu Glu Asp Arg Leu His Ser Ile His
1 5 10

<210> 17874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17874
Ile His Ile Ala Asn His Ile Cys Asn Leu
1 5 10

<210> 17875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17875
Glu Glu Asp Arg Leu His Ser Ile His Ile
1 5 10

<210> 17876
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17876
Lys Leu Glu Gly Leu Glu Leu Glu Val
1 5

<210> 17877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17877
Gly Lys Leu Glu Gly Leu Glu Leu Glu Val
1 5 10

<210> 17878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17878
Ser Ser Leu Ser Leu Glu Ser Trp Arg
1 5

<210> 17879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17879
His Thr Met Pro Thr Ser Ala Ala His
1 5

<210> 17880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17880
Ser Trp Arg Arg Thr Trp Arg Arg Ser
1 5

<210> 17881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17881
Glu Ser Trp Arg Arg Thr Trp Arg Arg
1 5

<210> 17882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17882
Glu Ser Ser Gly His Thr Met Pro Thr
1 5

<210> 17883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17883
Ser Pro Pro Ala Gln Ala Val Met Leu
1 5

<210> 17884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17884
Met Pro Glu Ser Ser Gly His Thr Met
1 5

<210> 17885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17885
Ala Ala His His Gln Ser Ser Ser Leu
1 5

<210> 17886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17886
Thr Glu Ser Pro Pro Ala Gln Ala Val
1 5

<210> 17887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17887
His His Gln Ser Ser Ser Leu Ser Leu
1 5

<210> 17888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17888
Ser Ser Ser Leu Ser Leu Glu Ser Trp
1 5

<210> 17889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17889
Ser Leu Glu Ser Trp Arg Arg Thr Trp
1 5

<210> 17890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17890
Arg Met Pro Glu Ser Ser Gly His Thr Met
1 5 10

<210> 17891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17891
Ser Ser Ser Leu Ser Leu Glu Ser Trp Arg
1 5 10

<210> 17892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17892
Ser Ser Leu Ser Leu Glu Ser Trp Arg Arg
1 5 10

<210> 17893
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17893
Met Leu Arg Met Pro Glu Ser Ser Gly His
1 5 10

<210> 17894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17894
His Thr Met Pro Thr Ser Ala Ala His His
1 5 10

<210> 17895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17895
Ser Leu Glu Ser Trp Arg Arg Thr Trp Arg
1 5 10

<210> 17896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17896
Ser Ala Ala His His Gln Ser Ser Ser Leu
1 5 10

<210> 17897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17897
Thr Glu Ser Pro Pro Ala Gln Ala Val Met
1 5 10

<210> 17898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17898
Ala His His Gln Ser Ser Ser Leu Ser Leu
1 5 10

<210> 17899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17899
His Gln Ser Ser Ser Leu Ser Leu Glu Ser
1 5 10

<210> 17900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17900
Gln Ser Ser Ser Leu Ser Leu Glu Ser Trp
1 5 10

<210> 17901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17901

Leu Ser Leu Glu Ser Trp Arg Arg Thr Trp
1 5 10

<210> 17902
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17902
Met Pro Thr Ser Ala Ala His His Gln Ser
1 5 10

<210> 17903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17903
Val Leu Asp Ala Gly Cys Tyr Gln Lys
1 5

<210> 17904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17904
Met Val Val Leu Asp Ala Gly Cys Tyr
1 5

<210> 17905
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17905
Asp Ala Gly Cys Tyr Gln Lys Leu Arg
1 5

<210> 17906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17906
Val Leu Asp Ala Gly Cys Tyr Gln Lys Leu
1 5 10

<210> 17907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17907
Val Val Leu Asp Ala Gly Cys Tyr Gln Lys
1 5 10

<210> 17908
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17908
Lys Met Val Val Leu Asp Ala Gly Cys Tyr
1 5 10

<210> 17909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17909
Cys Gly Arg Leu Ile Ala Gly Ala Arg
1 5

<210> 17910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17910
Ser Gln Cys Gly Arg Leu Ile Ala Gly Ala
1 5 10

<210> 17911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17911
Arg Leu Ile Ala Gly Ala Arg Cys Pro Pro
1 5 10

<210> 17912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17912
Gly Glu Asp Ser Met Ser Pro His Tyr
1 5

<210> 17913
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17913
Ser Met Ser Pro His Tyr Phe Pro Gln
1 5

<210> 17914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17914
Ser Met Ser Pro His Tyr Phe Pro Gln Ser
1 5 10

<210> 17915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17915
Gln Gly Glu Asp Ser Met Ser Pro His Tyr
1 5 10

<210> 17916
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17916
Ser Pro His Tyr Phe Pro Gln Ser Pro Leu
1 5 10

<210> 17917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17917
Gly Glu Asp Ser Met Ser Pro His Tyr Phe
1 5 10

<210> 17918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17918
Ile Pro Val Ser Ser Ser Ser Ser Thr

1 5

<210> 17919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17919
Val Ser Ser Ser Ser Ser Thr Leu Leu
1 5

<210> 17920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17920
Ile Pro Val Ser Ser Ser Ser Ser Thr Leu
1 5 10

<210> 17921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17921
Ala Ser Asp Gly Ser Asp Thr Ser Met
1 5

<210> 17922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17922
Ser Met Pro Pro Thr Pro Gly Glu Gly Ala
1 5 10

<210> 17923

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17923
Thr Ala Ser Asp Gly Ser Asp Thr Ser Met
1 5 10

<210> 17924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17924
Met Leu Val Val Asp Ala Pro Ser Ala
1 5

<210> 17925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17925
Leu Val Val Asp Ala Pro Ser Ala Leu
1 5

<210> 17926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17926
Thr Leu Ser Val Ser Thr Leu Pro Arg
1 5

<210> 17927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17927
Val Val Asp Ala Pro Ser Ala Leu Arg
1 5

<210> 17928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17928
Val Ser Thr Leu Pro Arg Pro Phe Arg
1 5

<210> 17929
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17929
Thr Leu Pro Arg Pro Phe Arg Thr Arg
1 5

<210> 17930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17930
Pro Phe Arg Thr Arg Met Thr Trp Arg
1 5

<210> 17931
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17931
Ser Ala Leu Arg Arg Gln Ser Thr Leu
1 5

<210> 17932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17932
Leu Pro Arg Pro Phe Arg Thr Arg Met
1 5

<210> 17933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17933
Arg Pro Phe Arg Thr Arg Met Thr Trp
1 5

<210> 17934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17934
Leu Arg Arg Gln Ser Thr Leu Ser Val
1 5

<210> 17935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17935
Arg Gln Ser Thr Leu Ser Val Ser Thr
1 5

<210> 17936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17936
Gln Ser Thr Leu Ser Val Ser Thr Leu
1 5

<210> 17937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17937
Ser Val Ser Thr Leu Pro Arg Pro Phe
1 5

<210> 17938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17938
Ser Met Leu Val Val Asp Ala Pro Ser Ala
1 5 10

<210> 17939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17939
Met Leu Val Val Asp Ala Pro Ser Ala Leu
1 5 10

<210> 17940
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17940
Ala Leu Arg Arg Gln Ser Thr Leu Ser Val
1 5 10

<210> 17941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17941
Arg Gln Ser Thr Leu Ser Val Ser Thr Leu
1 5 10

<210> 17942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17942
Ser Thr Leu Ser Val Ser Thr Leu Pro Arg
1 5 10

<210> 17943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17943
Leu Val Val Asp Ala Pro Ser Ala Leu Arg
1 5 10

<210> 17944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17944
Val Val Asp Ala Pro Ser Ala Leu Arg Arg
1 5 10

<210> 17945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17945
Ser Val Ser Thr Leu Pro Arg Pro Phe Arg
1 5 10

<210> 17946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17946
Ser Thr Leu Pro Arg Pro Phe Arg Thr Arg
1 5 10

<210> 17947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17947
Arg Pro Phe Arg Thr Arg Met Thr Trp Arg
1 5 10

<210> 17948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17948
Ala Pro Ser Ala Leu Arg Arg Gln Ser Thr
1 5 10

<210> 17949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17949
Leu Pro Arg Pro Phe Arg Thr Arg Met Thr
1 5 10

<210> 17950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17950
Leu Ser Val Ser Thr Leu Pro Arg Pro Phe
1 5 10

<210> 17951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17951
Arg Arg Gln Ser Thr Leu Ser Val Ser Thr
1 5 10

<210> 17952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17952
Tyr Val Leu Arg Leu Ala Glu Asp Val
1 5

<210> 17953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17953
Val Pro Ala Glu Arg Cys Gly Lys Met
1 5

<210> 17954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17954
Arg Leu Ala Glu Asp Val Pro Ala Glu Arg
1 5 10

<210> 17955
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17955
Gly Gly Arg Arg Val Cys Leu Phe Leu
1 5

<210> 17956
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17956
Gly Arg Arg Val Cys Leu Phe Leu Lys
1 5

<210> 17957
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17957
Gly Gly Arg Arg Val Cys Leu Phe Leu Lys
1 5 10

<210> 17958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17958
Ile Lys Asn Gly Gly Arg Arg Val Cys Leu
1 5 10

<210> 17959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17959
Lys Asn Gly Gly Arg Arg Val Cys Leu Phe
1 5 10

<210> 17960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17960
Glu Phe Met Gln Val Lys Ser Val Ile
1 5

<210> 17961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17961
Met Gln Val Lys Ser Val Ile Pro Asp
1 5

<210> 17962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17962
Asp Glu Phe Met Gln Val Lys Ser Val
1 5

<210> 17963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17963
Met Gln Val Lys Ser Val Ile Pro Asp Gly
1 5 10

<210> 17964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17964
Asp Glu Phe Met Gln Val Lys Ser Val Ile
1 5 10

<210> 17965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17965

Ser Thr Ala Thr Pro Asn Ser Pro Ile
1 5

<210> 17966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17966
Ser Thr Ala Thr Pro Asn Ser Pro Ile Ala
1 5 10

<210> 17967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17967
Ser Pro Leu Ala Gln Pro Ser Thr Ala Thr
1 5 10

<210> 17968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17968
Gln Gln Ser Pro Leu Ala Gln Pro Ser Thr
1 5 10

<210> 17969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17969
Leu Leu His Tyr Thr Gln Gln Gln Lys
1 5

<210> 17970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17970
Ser Leu Leu His Tyr Thr Gln Gln Gln Lys
1 5 10

<210> 17971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17971
Ser Thr Ala Thr Ala Thr Leu Gln Leu Leu
1 5 10

<210> 17972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17972
Ser Pro Ser Pro Pro Pro Thr Gln Val
1 5

<210> 17973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17973
Leu Leu Asn Val Ser Pro Gly Gly Ala
1 5

<210> 17974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17974
Arg Gly His Asp Arg Pro Trp Arg Arg
1 5

<210> 17975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17975
Val Ser Arg Val Ile Arg Pro Leu Arg
1 5

<210> 17976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17976
Asp Gly Ala Pro Gly Leu Phe Leu Arg
1 5

<210> 17977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17977
Asp Val Ser Arg Val Ile Arg Pro Leu
1 5

<210> 17978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 17978
Gly Pro Gln Asp Gly Ala Pro Gly Leu
1 5

<210> 17979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17979
Arg Pro Trp Arg Arg Gly Cys Gln Gly
1 5

<210> 17980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17980
Arg Pro Leu Arg His Gln Thr Trp Ala
1 5

<210> 17981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17981
Phe Leu Arg Gly His Asp Arg Pro Trp
1 5

<210> 17982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17982
Tyr Leu Leu Asn Val Ser Pro Gly Gly Ala

1 5 10

<210> 17983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17983
Leu Phe Leu Arg Gly His Asp Arg Pro Trp
1 5 10

<210> 17984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17984
Gln Gly Arg Lys Glu Gly Pro Leu Pro Arg
1 5 10

<210> 17985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17985
Arg Ala Arg Ser Pro Asp His Gln Asp Val
1 5 10

<210> 17986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 17986
Val Ser Arg Val Ile Arg Pro Leu Arg His
1 5 10

<210> 17987

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17987
Phe Leu Arg Gly His Asp Arg Pro Trp Arg
1 5 10

<210> 17988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17988
Asp Val Ser Arg Val Ile Arg Pro Leu Arg
1 5 10

<210> 17989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17989
Val Ile Arg Pro Leu Arg His Gln Thr Trp
1 5 10

<210> 17990
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17990
Leu Thr Pro Pro Ala Val Pro Pro Val
1 5

<210> 17991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17991
Ser Leu Thr Pro Pro Ala Val Pro Pro Val
1 5 10

<210> 17992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17992
Glu Thr Ala Asp Lys Ile Thr Arg Thr
1 5

<210> 17993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17993
Ser Thr Tyr Cys Tyr Glu Thr Ala Asp Lys
1 5 10

<210> 17994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17994
Thr Tyr Cys Tyr Glu Thr Ala Asp Lys Ile
1 5 10

<210> 17995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 17995
Arg Thr Leu Ala Cys Val Cys Ala Leu
1   5

<210> 17996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 17996
Thr Leu Ala Cys Val Cys Ala Leu Leu
1   5

<210> 17997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 17997
Ala Glu Arg Thr Leu Ala Cys Val Cys
1   5

<210> 17998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 17998
Arg Thr Leu Ala Cys Val Cys Ala Leu Leu
1   5   10

<210> 17999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 17999
Thr Leu Ala Cys Val Cys Ala Leu Leu Val
1   5   10

<210> 18000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18000
Leu Ala Cys Val Cys Ala Leu Leu Val Trp
1 5 10

<210> 18001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18001
Ala Glu Arg Thr Leu Ala Cys Val Cys Ala
1 5 10

<210> 18002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18002
Ser Ala Leu Ile Glu Asn Ser Ser Ile
1 5

<210> 18003
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18003
Ile Glu Asn Ser Ser Ile Gln Glu Leu
1 5

<210> 18004
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18004
Ile Glu Asn Ser Ser Ile Gln Glu Leu Phe
1 5 10

<210> 18005
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18005
Ser Leu Gln Glu Ile His Phe Lys Thr
1 5

<210> 18006
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18006
Leu Ser Leu Gln Glu Ile His Phe Lys
1 5

<210> 18007
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18007
Lys Asn Arg Ser Ser Gly Pro Leu Ser
1 5

<210> 18008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18008
His Phe Lys Thr Cys Tyr Gln Ile Tyr
1 5

<210> 18009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18009
Lys Lys Asn Arg Ser Ser Gly Pro Leu
1 5

<210> 18010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18010
Asn Arg Ser Ser Gly Pro Leu Ser Leu
1 5

<210> 18011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18011
Gln Glu Ile His Phe Lys Thr Cys Tyr
1 5

<210> 18012
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18012
Ile His Phe Lys Thr Cys Tyr Gln Ile
1 5

<210> 18013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18013
Lys Asn Arg Ser Ser Gly Pro Leu Ser Leu
1 5 10

<210> 18014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18014
Ile His Phe Lys Thr Cys Tyr Gln Ile Tyr
1 5 10

<210> 18015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18015
Glu Ile His Phe Lys Thr Cys Tyr Gln Ile
1 5 10

<210> 18016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18016
Ala Lys Lys Asn Arg Ser Ser Gly Pro Leu
1 5 10

<210> 18017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18017
Leu Gln Glu Ile His Phe Lys Thr Cys Tyr
1 5 10

<210> 18018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18018
Thr Gln Asn Gln Lys Val Gly Glu Leu
1 5

<210> 18019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18019
Thr Gln Asn Gln Lys Val Gly Glu Leu Lys
1 5 10

<210> 18020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18020
Glu Ala Phe Leu Thr Gln Asn Gln Lys Val
1 5 10

<210> 18021
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18021
Thr Gln Asn Gln Lys Val Gly Glu Leu
1 5

<210> 18022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18022
Thr Gln Asn Gln Lys Val Gly Glu Leu Lys
1 5 10

<210> 18023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18023
Glu Ala Phe Leu Thr Gln Asn Gln Lys Val
1 5 10

<210> 18024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18024
Asn Ser Ser Tyr Ile Val Gly Phe Tyr
1 5

<210> 18025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18025
Ser Tyr Ile Val Gly Phe Tyr Gly Ala
1 5

<210> 18026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18026
Val Leu His Glu Cys Asn Ser Ser Tyr
1 5

<210> 18027
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18027
His Glu Cys Asn Ser Ser Tyr Ile Val
1 5

<210> 18028
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18028
Cys Asn Ser Ser Tyr Ile Val Gly Phe
1 5

<210> 18029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18029

Cys Asn Ser Ser Tyr Ile Val Gly Phe Tyr
1 5 10

<210> 18030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18030
Val Leu His Glu Cys Asn Ser Ser Tyr Ile
1 5 10

<210> 18031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18031
Ser Tyr Ile Val Gly Phe Tyr Gly Ala Phe
1 5 10

<210> 18032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18032
Ser Ser Tyr Ile Val Gly Phe Tyr Gly Ala
1 5 10

<210> 18033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18033
Gln Val Leu His Glu Cys Asn Ser Ser Tyr
1 5 10

<210> 18034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18034
Met Ser Thr Leu Phe Asp Lys Phe Tyr
1 5

<210> 18035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18035
Ser Thr Leu Phe Asp Lys Phe Tyr Lys
1 5

<210> 18036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18036
Thr Leu Phe Asp Lys Phe Tyr Lys Tyr
1 5

<210> 18037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18037
Glu Leu Met Ser Thr Leu Phe Asp Lys
1 5

<210> 18038
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18038
Leu Met Ser Thr Leu Phe Asp Lys Phe
1 5

<210> 18039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18039
Ile Cys Met Glu Leu Met Ser Thr Leu
1 5

<210> 18040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18040
Cys Met Glu Leu Met Ser Thr Leu Phe
1 5

<210> 18041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18041
Leu Met Ser Thr Leu Phe Asp Lys Phe Tyr
1 5 10

<210> 18042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18042
Ser Thr Leu Phe Asp Lys Phe Tyr Lys Tyr
1 5 10

<210> 18043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18043
Leu Phe Asp Lys Phe Tyr Lys Tyr Val Tyr
1 5 10

<210> 18044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18044
Thr Leu Phe Asp Lys Phe Tyr Lys Tyr Val
1 5 10

<210> 18045
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18045
Trp Ile Cys Met Glu Leu Met Ser Thr Leu
1 5 10

<210> 18046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18046
Met Ser Thr Leu Phe Asp Lys Phe Tyr Lys

1 5 10

<210> 18047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18047
Ile Cys Met Glu Leu Met Ser Thr Leu Phe
1 5 10

<210> 18048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18048
Glu Leu Met Ser Thr Leu Phe Asp Lys Phe
1 5 10

<210> 18049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18049
Ile Ile Gly Gln Leu Val Asp Ser Ile
1 5

<210> 18050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18050
Ile Lys Leu Cys Asp Phe Gly Ile Ile
1 5

<210> 18051

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18051
Gly Ile Ile Gly Gln Leu Val Asp Ser Ile
1 5 10

<210> 18052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18052
Ser Ile Ala Lys Thr Arg Cys Trp Leu
1 5

<210> 18053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18053
Asp Val His Ser Asp Val Trp Ser Leu
1 5

<210> 18054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18054
Arg Gln Gly Tyr Asp Val His Ser Asp Val
1 5 10

<210> 18055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18055
Gln Gly Tyr Asp Val His Ser Asp Val Trp
1 5 10

<210> 18056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18056
Tyr Asp Val His Ser Asp Val Trp Ser Leu
1 5 10

<210> 18057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18057
Arg Ala Leu Glu Glu Arg Arg Ser Gln Arg
1 5 10

<210> 18058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18058
Leu Ile Asp Cys Cys Trp Asn Phe Leu
1 5

<210> 18059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18059
Phe Leu Leu Asn Phe Ile Leu Ile Leu
1 5

<210> 18060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18060
Phe Ile Leu Ile Leu Ser Val Leu Met
1 5

<210> 18061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18061
Val Leu Met Phe His Lys Leu Ser Leu
1 5

<210> 18062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18062
Leu Met Phe His Lys Leu Ser Leu Leu
1 5

<210> 18063
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18063
Lys Leu Ser Leu Leu Lys Ser Gly Ile
1 5

<210> 18064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18064
Ile Leu Ser Val Leu Met Phe His Lys
1 5

<210> 18065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18065
Met Phe His Lys Leu Ser Leu Leu Lys
1 5

<210> 18066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18066
Cys Leu Ile Asp Cys Cys Trp Asn Phe
1 5

<210> 18067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18067
Cys Trp Asn Phe Leu Leu Asn Phe Ile
1 5

<210> 18068
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18068
Asn Phe Leu Leu Asn Phe Ile Leu Ile
1 5

<210> 18069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18069
Ile Leu Ile Leu Ser Val Leu Met Phe
1 5

<210> 18070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18070
Cys Cys Trp Asn Phe Leu Leu Asn Phe
1 5

<210> 18071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18071
Trp Asn Phe Leu Leu Asn Phe Ile Leu
1 5

<210> 18072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18072
Leu Ser Val Leu Met Phe His Lys Leu
1 5

<210> 18073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18073
Cys Leu Ile Asp Cys Cys Trp Asn Phe Leu
1 5 10

<210> 18074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18074
Leu Ile Asp Cys Cys Trp Asn Phe Leu Leu
1 5 10

<210> 18075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18075
Phe Leu Leu Asn Phe Ile Leu Ile Leu Ser
1 5 10

<210> 18076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18076
Leu Leu Asn Phe Ile Leu Ile Leu Ser Val
1 5 10

<210> 18077
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18077
Ile Leu Ser Val Leu Met Phe His Lys Leu
1 5 10

<210> 18078
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18078
Val Leu Met Phe His Lys Leu Ser Leu Leu
1 5 10

<210> 18079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18079
Leu Ile Leu Ser Val Leu Met Phe His Lys
1 5 10

<210> 18080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18080
Leu Met Phe His Lys Leu Ser Leu Leu Lys
1 5 10

<210> 18081
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18081
Cys Trp Asn Phe Leu Leu Asn Phe Ile Leu
1 5 10

<210> 18082
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18082
Asn Phe Leu Leu Asn Phe Ile Leu Ile Leu
1 5 10

<210> 18083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18083
Asn Phe Ile Leu Ile Leu Ser Val Leu Met
1 5 10

<210> 18084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18084
Ser Val Leu Met Phe His Lys Leu Ser Leu
1 5 10

<210> 18085
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18085
Leu Asn Phe Ile Leu Ile Leu Ser Val Leu
1 5 10

<210> 18086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18086
Phe Ile Leu Ile Leu Ser Val Leu Met Phe
1 5 10

<210> 18087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18087
His Lys Leu Ser Leu Leu Lys Ser Gly Ile
1 5 10

<210> 18088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18088
Ser Val Ile Asn Tyr Thr Glu Gln Leu
1 5

<210> 18089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18089
Ala Phe Lys Glu Ser Val Ile Asn Tyr
1 5

<210> 18090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18090
Ser Val Ile Asn Tyr Thr Glu Gln Leu Leu
1 5 10

<210> 18091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18091
Lys Tyr Gly Ala Phe Lys Glu Ser Val Ile
1 5 10

<210> 18092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18092
Gly Ala Phe Lys Glu Ser Val Ile Asn Tyr
1 5 10

<210> 18093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18093

Glu Ser Val Ile Asn Tyr Thr Glu Gln Leu
1 5 10

<210> 18094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18094
Trp Ser Cys Ser Gln Val Gly Ile Lys
1 5

<210> 18095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18095
Arg Leu Lys Asn Cys Arg Phe Trp Ser
1 5

<210> 18096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18096
Gly Ile Lys Arg Asn Trp Cys Arg Arg
1 5

<210> 18097
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18097
Val Gly Ile Lys Arg Asn Trp Cys Arg
1 5

<210> 18098
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18098
Gly Gln Arg Leu Lys Asn Cys Arg Phe
1 5

<210> 18099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18099
Cys Arg Phe Trp Ser Cys Ser Gln Val
1 5

<210> 18100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18100
Ser Gln Val Gly Ile Lys Arg Asn Trp
1 5

<210> 18101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18101
Leu Ile Asp Ser Thr Gly Gln Arg Leu Lys
1 5 10

<210> 18102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18102
Arg Phe Trp Ser Cys Ser Gln Val Gly Ile
1 5 10

<210> 18103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18103
Arg Leu Lys Asn Cys Arg Phe Trp Ser Cys
1 5 10

<210> 18104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18104
Gly Ile Lys Arg Asn Trp Cys Arg Arg Val
1 5 10

<210> 18105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18105
Gly Thr Ile Thr Gly Asp Asn Cys Ile Tyr
1 5 10

<210> 18106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18106
Ser Thr Gly Gln Arg Leu Lys Asn Cys Arg
1 5 10

<210> 18107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18107
Gln Val Gly Ile Lys Arg Asn Trp Cys Arg
1 5 10

<210> 18108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18108
Val Gly Ile Lys Arg Asn Trp Cys Arg Arg
1 5 10

<210> 18109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18109
Gly Gln Arg Leu Lys Asn Cys Arg Phe Trp
1 5 10

<210> 18110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18110
Val Met Arg Ala Arg Leu Tyr Leu Thr

1 5

<210> 18111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18111
Arg Leu Tyr Leu Thr Ala Ala Asp Arg
1 5

<210> 18112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18112
Arg Ala Arg Leu Tyr Leu Thr Ala Ala
1 5

<210> 18113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18113
Met Arg Ala Arg Leu Tyr Leu Thr Ala
1 5

<210> 18114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18114
Val Met Arg Ala Arg Leu Tyr Leu Thr Ala
1 5 10

<210> 18115

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18115
Arg Leu Tyr Leu Thr Ala Ala Asp Arg Ala
1 5 10

<210> 18116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18116
Lys Val Met Arg Ala Arg Leu Tyr Leu Thr
1 5 10

<210> 18117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18117
Arg Ala Arg Leu Tyr Leu Thr Ala Ala Asp
1 5 10

<210> 18118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18118
Met Arg Ala Arg Leu Tyr Leu Thr Ala Ala
1 5 10

<210> 18119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18119
Gln Gln Ile Gly Leu Asn Ser Phe Leu
1 5

<210> 18120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18120
Leu Tyr Leu Leu Gln Gln Ile Gly Leu
1 5

<210> 18121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18121
Leu Gln Gln Ile Gly Leu Asn Ser Phe
1 5

<210> 18122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18122
Arg Leu Tyr Leu Leu Gln Gln Ile Gly Leu
1 5 10

<210> 18123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18123
Gln Gln Ile Gly Leu Asn Ser Phe Leu Ile
1 5 10

<210> 18124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18124
Leu Leu Gln Gln Ile Gly Leu Asn Ser Phe
1 5 10

<210> 18125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18125
Leu Gln Gln Ile Gly Leu Asn Ser Phe Leu
1 5 10

<210> 18126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18126
Leu Val Met Arg Arg Glu Glu Leu Arg
1 5

<210> 18127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18127
Glu Leu Val Met Arg Arg Glu Glu Leu
1 5

<210> 18128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18128
Glu Leu Val Met Arg Arg Glu Glu Leu Arg
1 5 10

<210> 18129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18129
Met Arg Arg Glu Glu Leu Arg His Ala Leu
1 5 10

<210> 18130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18130
Glu Glu Leu Val Met Arg Arg Glu Glu Leu
1 5 10

<210> 18131
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18131
Leu Gln Ala Trp His Ala Gly Gln Thr
1 5

<210> 18132
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18132
Gln Ala Trp His Ala Gly Gln Thr Ile
1 5

<210> 18133
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18133
Gly Gln Thr Ile Asn Asp Gln Asp Phe
1 5

<210> 18134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18134
Leu Gln Ala Trp His Ala Gly Gln Thr Ile
1 5 10

<210> 18135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18135
Gln Thr Ile Asn Asp Gln Asp Phe Phe Leu
1 5 10

<210> 18136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18136
Gly Gln Thr Ile Asn Asp Gln Asp Phe Phe
1 5 10

<210> 18137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18137
Leu Glu Leu Gln Ala Trp His Ala Gly Gln
1 5 10

<210> 18138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18138
Met Ala Val Phe Gln Gln His Cys Lys
1 5

<210> 18139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18139
Ala Val Phe Gln Gln His Cys Lys Met
1 5

<210> 18140
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18140
Ser Met Ala Val Phe Gln Gln His Cys Lys
1 5 10

<210> 18141
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18141
Gln Gln His Cys Lys Met Ala Gln Glu Tyr
1 5 10

<210> 18142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18142
Met Ala Val Phe Gln Gln His Cys Lys Met
1 5 10

<210> 18143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18143
Lys Glu Ser Met Ala Val Phe Gln Gln His
1 5 10

<210> 18144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18144
Gln Val Lys Phe Gly Ala Pro Gly Arg
1 5

<210> 18145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18145
His Gln Val Lys Phe Gly Ala Pro Gly
1 5

<210> 18146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18146
Gln Val Lys Phe Gly Ala Pro Gly Arg Lys
1 5 10

<210> 18147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18147
His Gln Val Lys Phe Gly Ala Pro Gly Arg
1 5 10

<210> 18148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18148
Ala Pro Gly Arg Lys Glu Thr Asp Pro Leu
1 5 10

<210> 18149
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18149
Arg Ile Leu Gln Gly Asn Phe Leu Tyr
1 5

<210> 18150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18150
Phe Leu Tyr Gln Gln Lys Ser Leu Lys
1 5

<210> 18151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18151
Lys Ser Leu Lys Pro Asn Gly Ala Arg
1 5

<210> 18152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18152
Lys Pro Asn Gly Ala Arg Ser Val Val
1 5

<210> 18153
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18153
Tyr Gln Gln Lys Ser Leu Lys Pro Asn
1 5

<210> 18154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18154
Ser Leu Lys Pro Asn Gly Ala Arg Ser Val
1 5 10

<210> 18155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18155
Asn Phe Leu Tyr Gln Gln Lys Ser Leu Lys
1 5 10

<210> 18156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18156
Lys Pro Asn Gly Ala Arg Ser Val Val Leu
1 5 10

<210> 18157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18157

Gly Asn Phe Leu Tyr Gln Gln Lys Ser Leu
1 5 10

<210> 18158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18158
Tyr Gln Gln Lys Ser Leu Lys Pro Asn Gly
1 5 10

<210> 18159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18159
Leu Pro Asp Arg Ile Leu Gln Gly Asn Phe
1 5 10

<210> 18160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18160
Arg Pro Ala Pro Pro Ala Gly Arg Val
1 5

<210> 18161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18161
Ala Pro Pro Ala Gly Arg Val Pro Phe
1 5

<210> 18162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18162
Pro Pro Ala Gly Arg Val Pro Phe Leu
1 5

<210> 18163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18163
Arg Pro Ala Pro Pro Ala Gly Arg Val Pro
1 5 10

<210> 18164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18164
Ala Pro Pro Ala Gly Arg Val Pro Phe Leu
1 5 10

<210> 18165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18165
Arg Lys Ala Glu Glu Glu Arg Leu Cys Leu
1 5 10

<210> 18166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18166
Glu Glu Arg Leu Cys Leu Glu Glu Glu Ala
1 5 10

<210> 18167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18167
Lys Ala Ser Val Asp Ala Pro Pro Arg
1 5

<210> 18168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18168
Ala Met Lys Glu Lys Glu Ala Asn Lys
1 5

<210> 18169
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18169
Lys Glu Ala Asn Lys Ile Ala Ala Lys
1 5

<210> 18170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18170
Lys Glu Lys Glu Ala Asn Lys Ile Ala
1 5

<210> 18171
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18171
Ala Met Lys Glu Lys Glu Ala Asn Lys Ile
1 5 10

<210> 18172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18172
Lys Ala Met Lys Glu Lys Glu Ala Asn Lys
1 5 10

<210> 18173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18173
Glu Ala Asn Lys Ile Ala Ala Lys Lys Arg
1 5 10

<210> 18174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18174
Lys Glu Lys Glu Ala Asn Lys Ile Ala Ala

1 5 10

<210> 18175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18175
Tyr Tyr Asp Pro Ser Asp Lys Pro Ile
1 5

<210> 18176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18176
Lys Pro Ile Ala Glu Ala Pro Phe Lys
1 5

<210> 18177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18177
Gln Tyr Tyr Asp Pro Ser Asp Lys Pro Ile
1 5 10

<210> 18178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18178
Ser Asp Lys Pro Ile Ala Glu Ala Pro Phe
1 5 10

<210> 18179

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18179
Lys Pro Ile Ala Glu Ala Pro Phe Lys Phe
1 5 10

<210> 18180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18180
Lys Glu Glu Thr Glu Ala Gln Gln Pro Phe
1 5 10

<210> 18181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18181
Thr Met Cys Glu Pro Pro Tyr Ser Leu
1 5

<210> 18182
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18182
Pro Leu Ser Ser Leu Leu His Pro Leu
1 5

<210> 18183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18183
Leu Leu His Pro Leu Ala Leu Pro Ala
1 5

<210> 18184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18184
Gly Leu Ser Ala Thr Arg His Trp Ala
1 5

<210> 18185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18185
Ser Leu His Leu Ala Leu Cys Ser Cys
1 5

<210> 18186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18186
Ala Leu Pro Ala Leu Pro Gly Pro Leu
1 5

<210> 18187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18187
Gly Leu Cys Leu Glu Ala Thr Pro Lys
1 5

<210> 18188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18188
Cys Ser Cys Pro Ser Pro Phe Pro Arg
1 5

<210> 18189
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18189
Lys Phe Gln Gly Ala Cys Pro Gly Leu
1 5

<210> 18190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18190
Arg Gly Thr Met Cys Glu Pro Pro Tyr
1 5

<210> 18191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18191
His Trp Ala Thr Cys Pro Cys Trp Arg
1 5

<210> 18192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18192
Glu Pro Pro Tyr Ser Leu His Leu Ala
1 5

<210> 18193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18193
Thr Pro Lys Pro Thr Gly Leu Ser Ala
1 5

<210> 18194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18194
Pro Pro Tyr Ser Leu His Leu Ala Leu
1 5

<210> 18195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18195
Cys Pro Ser Pro Phe Pro Arg Pro Leu
1 5

<210> 18196
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18196
Ser Pro Phe Pro Arg Pro Leu Ser Ser
1 5

<210> 18197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18197
Phe Pro Arg Pro Leu Ser Ser Leu Leu
1 5

<210> 18198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18198
Ala Pro Leu Thr Ser Ser Asn Lys Val
1 5

<210> 18199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18199
Ser Ser Leu Leu His Pro Leu Ala Leu
1 5

<210> 18200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18200
Ala Leu Cys Ser Cys Pro Ser Pro Phe
1 5

<210> 18201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18201
Leu Gln Gly Ala Gln Gly Val Pro Gly
1 5

<210> 18202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18202
Ala Gln Gly Val Pro Gly Leu Cys Leu
1 5

<210> 18203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18203
Arg His Trp Ala Thr Cys Pro Cys Trp
1 5

<210> 18204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18204
Leu Lys Phe Gln Gly Ala Cys Pro Gly
1 5

<210> 18205
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18205
Phe Gln Gly Ala Cys Pro Gly Leu Leu
1 5

<210> 18206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18206
Asp Glu Gly Pro Ala Pro Ala Pro Leu
1 5

<210> 18207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18207
Cys Glu Pro Pro Tyr Ser Leu His Leu
1 5

<210> 18208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18208
Gly Thr Met Cys Glu Pro Pro Tyr Ser Leu
1 5 10

<210> 18209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18209
Ser Leu Leu His Pro Leu Ala Leu Pro Ala
1 5 10

<210> 18210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18210
Leu Leu His Pro Leu Ala Leu Pro Ala Leu
1 5 10

<210> 18211
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18211
Gly Leu Ser Ala Thr Arg His Trp Ala Thr
1 5 10

<210> 18212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18212
Ala Leu Pro Ala Leu Pro Gly Pro Leu Lys
1 5 10

<210> 18213
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18213
Pro Phe Pro Arg Pro Leu Ser Ser Leu Leu
1 5 10

<210> 18214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18214
Lys Phe Gln Gly Ala Cys Pro Gly Leu Leu
1 5 10

<210> 18215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18215
Ala Thr Arg His Trp Ala Thr Cys Pro Cys
1 5 10

<210> 18216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18216
Thr Ser Ala Leu Gln Gly Ala Gln Gly Val
1 5 10

<210> 18217
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18217
Thr Pro Lys Pro Thr Gly Leu Ser Ala Thr
1 5 10

<210> 18218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18218
Glu Pro Pro Tyr Ser Leu His Leu Ala Leu
1 5 10

<210> 18219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18219
Ser Pro Phe Pro Arg Pro Leu Ser Ser Leu
1 5 10

<210> 18220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18220
Phe Pro Arg Pro Leu Ser Ser Leu Leu His
1 5 10

<210> 18221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18221

Arg Pro Leu Ser Ser Leu Leu His Pro Leu
1 5 10

<210> 18222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18222
Leu Pro Ala Leu Pro Gly Pro Leu Lys Phe
1 5 10

<210> 18223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18223
Ala Pro Leu Thr Ser Ser Asn Lys Val Met
1 5 10

<210> 18224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18224
Leu Ala Leu Cys Ser Cys Pro Ser Pro Phe
1 5 10

<210> 18225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18225
Leu Gln Gly Ala Gln Gly Val Pro Gly Leu
1 5 10

<210> 18226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18226
Leu Glu Ala Thr Pro Lys Pro Thr Gly Leu
1 5 10

<210> 18227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18227
Trp Arg Gly Thr Met Cys Glu Pro Pro Tyr
1 5 10

<210> 18228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18228
Leu Ser Ser Leu Leu His Pro Leu Ala Leu
1 5 10

<210> 18229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18229
Leu Ala Leu Pro Ala Leu Pro Gly Pro Leu
1 5 10

<210> 18230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18230
Leu Lys Phe Gln Gly Ala Cys Pro Gly Leu
1 5 10

<210> 18231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18231
Cys Glu Pro Pro Tyr Ser Leu His Leu Ala
1 5 10

<210> 18232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18232
Leu Phe Lys Phe Ser Met Ala Tyr Ile
1 5

<210> 18233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18233
Glu Leu Phe Lys Phe Ser Met Ala Tyr
1 5

<210> 18234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18234
Ser Met Ala Tyr Ile Val Gln Glu Tyr
1 5

<210> 18235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18235
Met Ala Tyr Ile Val Gln Glu Tyr Met
1 5

<210> 18236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18236
Phe Lys Phe Ser Met Ala Tyr Ile Val
1 5

<210> 18237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18237
Gly Glu Leu Phe Lys Phe Ser Met Ala
1 5

<210> 18238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18238
Phe Ser Met Ala Tyr Ile Val Gln Glu Tyr

1 5 10

<210> 18239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18239
Glu Leu Phe Lys Phe Ser Met Ala Tyr Ile
1 5 10

<210> 18240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18240
Ser Met Ala Tyr Ile Val Gln Glu Tyr Met
1 5 10

<210> 18241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18241
Leu Gln Gly Glu Leu Phe Lys Phe Ser Met
1 5 10

<210> 18242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18242
Gly Glu Leu Phe Lys Phe Ser Met Ala Tyr
1 5 10

<210> 18243

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18243
Phe Lys Phe Ser Met Ala Tyr Ile Val Gln
1 5 10

<210> 18244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18244
Leu Glu Asp Pro Glu Pro Arg Lys Pro Val
1 5 10

<210> 18245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18245
Arg Val Val Pro Leu Leu Pro Arg Leu
1 5

<210> 18246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18246
Leu Leu Pro Arg Leu Gly Val Gly Ala
1 5

<210> 18247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18247
Arg Leu Gly Val Gly Ala Thr Arg Ile
1 5

<210> 18248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18248
Arg Trp His Leu Arg Val Val Pro Leu
1 5

<210> 18249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18249
Arg Ala Ala Pro Pro Pro Pro Gln Ile
1 5

<210> 18250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18250
Ala Gln Pro Pro Arg Trp His Leu Arg
1 5

<210> 18251
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18251
Leu Ala Ala Ala Ala Gln Pro Pro Arg
1 5

<210> 18252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18252
Glu Ala Pro Pro Pro Thr Ala Leu Ala
1 5

<210> 18253
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18253
Ala Pro Pro Pro Thr Ala Leu Ala Ala
1 5

<210> 18254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18254
Pro Pro Arg Trp His Leu Arg Val Val
1 5

<210> 18255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18255
Val Pro Leu Leu Pro Arg Leu Gly Val
1 5

<210> 18256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18256
Leu Pro Arg Leu Gly Val Gly Ala Thr
1 5

<210> 18257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18257
Ile Glu Ala Pro Pro Pro Thr Ala Leu
1 5

<210> 18258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18258
Ala Ala Gln Pro Pro Arg Trp His Leu
1 5

<210> 18259
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18259
Trp His Leu Arg Val Val Pro Leu Leu
1 5

<210> 18260
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18260
Asp Glu Leu Pro Pro Pro Arg Ala Ala
1 5

<210> 18261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18261
Glu Thr Glu Ser Thr Thr Arg Pro Met
1 5

<210> 18262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18262
Gln Pro Pro Arg Trp His Leu Arg Val
1 5

<210> 18263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18263
Ala Leu Ala Ala Ala Ala Gln Pro Pro Arg
1 5 10

<210> 18264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18264
His Leu Arg Val Val Pro Leu Leu Pro Arg
1 5 10

<210> 18265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18265
Ala Ala Gln Pro Pro Arg Trp His Leu Arg
1 5 10

<210> 18266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18266
Arg Trp His Leu Arg Val Val Pro Leu Leu
1 5 10

<210> 18267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18267
Cys Leu Ser Asp Glu Leu Pro Pro Pro Arg
1 5 10

<210> 18268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18268
Glu Ala Pro Pro Pro Thr Ala Leu Ala Ala
1 5 10

<210> 18269
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18269
Ala Pro Pro Pro Thr Ala Leu Ala Ala Ala
1 5 10

<210> 18270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18270
Ile Glu Ala Pro Pro Pro Thr Ala Leu Ala
1 5 10

<210> 18271
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18271
Leu Ala Ala Ala Ala Gln Pro Pro Arg Trp
1 5 10

<210> 18272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18272
Ala Ala Ala Gln Pro Pro Arg Trp His Leu
1 5 10

<210> 18273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18273
Leu Arg Val Val Pro Leu Leu Pro Arg Leu
1 5 10

<210> 18274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18274
Ile Glu Thr Glu Ser Thr Thr Arg Pro Met
1 5 10

<210> 18275
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18275
Asp Glu Leu Pro Pro Pro Arg Ala Ala Pro
1 5 10

<210> 18276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18276
Gln Pro Pro Arg Trp His Leu Arg Val Val
1 5 10

<210> 18277
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18277
Gln Leu Phe Asp His Ser Leu Leu Tyr
1 5

<210> 18278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18278
Leu Leu Tyr Thr Val Leu Cys Gly Ser
1 5

<210> 18279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18279
Gln Pro Gln Leu Phe Asp His Ser Leu
1 5

<210> 18280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18280
Ala Lys Glu Thr His Gln Pro Gln Leu
1 5

<210> 18281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18281
Lys Glu Thr His Gln Pro Gln Leu Phe
1 5

<210> 18282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18282
Phe Asp His Ser Leu Leu Tyr Thr Val
1 5

<210> 18283
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18283
Gln Leu Phe Asp His Ser Leu Leu Tyr Thr
1 5 10

<210> 18284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18284
Gly Ser Arg Ser Ala Gly Ser Arg Glu Val
1 5 10

<210> 18285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18285

Pro Gln Leu Phe Asp His Ser Leu Leu Tyr
1 5 10

<210> 18286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18286
Leu Leu Tyr Thr Val Leu Cys Gly Ser Arg
1 5 10

<210> 18287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18287
Tyr Thr Val Leu Cys Gly Ser Arg Ser Ala
1 5 10

<210> 18288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18288
Gln Pro Gln Leu Phe Asp His Ser Leu Leu
1 5 10

<210> 18289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18289
Phe Ala Lys Glu Thr His Gln Pro Gln Leu
1 5 10

<210> 18290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18290
Ala Lys Glu Thr His Gln Pro Gln Leu Phe
1 5 10

<210> 18291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18291
His Gln Pro Gln Leu Phe Asp His Ser Leu
1 5 10

<210> 18292
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18292
Phe Asp His Ser Leu Leu Tyr Thr Val Leu
1 5 10

<210> 18293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18293
Val Leu Tyr Thr His Gln Leu Cys Leu
1 5

<210> 18294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18294
Leu Tyr Thr His Gln Leu Cys Leu Leu
1 5

<210> 18295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18295
Gly Ser Val Leu Tyr Thr His Gln Leu
1 5

<210> 18296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18296
Val Leu Tyr Thr His Gln Leu Cys Leu Leu
1 5 10

<210> 18297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18297
Asn Pro Cys Arg Cys Asp Gly Ser Val Leu
1 5 10

<210> 18298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18298
Arg Leu Trp Cys Lys Tyr Ser Asn Lys
1 5

<210> 18299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18299
Leu Trp Cys Lys Tyr Ser Asn Lys Leu
1 5

<210> 18300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18300
Tyr Val Leu Arg Leu Trp Cys Lys Tyr
1 5

<210> 18301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18301
Asp Tyr Val Leu Arg Leu Trp Cys Lys
1 5

<210> 18302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18302
Cys Lys Tyr Ser Asn Lys Leu Gln Ile

1 5

<210> 18303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18303
Arg Leu Trp Cys Lys Tyr Ser Asn Lys Leu
1 5 10

<210> 18304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18304
Cys Lys Tyr Ser Asn Lys Leu Gln Ile Leu
1 5 10

<210> 18305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18305
Lys Lys Arg Ser Ala Phe Pro Ser Arg
1 5

<210> 18306
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18306
Arg Ser Ala Phe Pro Ser Arg Ser Leu
1 5

<210> 18307

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18307
Ser Ala Phe Pro Ser Arg Ser Leu Ser
1 5

<210> 18308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18308
Thr Pro Lys Lys Lys Arg Ser Ala Phe
1 5

<210> 18309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18309
Lys Lys Lys Arg Ser Ala Phe Pro Ser Arg
1 5 10

<210> 18310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18310
Arg Ser Ala Phe Pro Ser Arg Ser Leu Ser
1 5 10

<210> 18311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18311
Lys Arg Ser Ala Phe Pro Ser Arg Ser Leu
1 5 10

<210> 18312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18312
Ser Ala Phe Pro Ser Arg Ser Leu Ser Ser
1 5 10

<210> 18313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18313
Ser Cys Val Gln Gln Thr Asn Gly Phe
1 5

<210> 18314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18314
Val Gln Gln Thr Asn Gly Phe Val Gln
1 5

<210> 18315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18315
Ser Ser Cys Val Gln Gln Thr Asn Gly Phe
1 5 10

<210> 18316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18316
Gln Gln Thr Asn Gly Phe Val Gln Arg His
1 5 10

<210> 18317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18317
Gly Leu Lys Glu Ser Leu Arg Val Ile
1 5

<210> 18318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18318
Gly Ser Leu Arg Lys Lys Gly Leu Lys
1 5

<210> 18319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18319
Arg Lys Lys Gly Leu Lys Glu Ser Leu
1 5

<210> 18320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18320
Gly Leu Lys Glu Ser Leu Arg Val Ile Leu
1 5 10

<210> 18321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18321
Val Gly Ser Leu Arg Lys Lys Gly Leu Lys
1 5 10

<210> 18322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18322
Lys Leu Asn Ala Lys Leu Ala Gly Leu
1 5

<210> 18323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18323
Lys Leu Asn Ala Lys Leu Ala Gly Leu Arg
1 5 10

<210> 18324
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18324
Leu Ala Gly Leu Arg Arg Asn Gly Thr Leu
1 5 10

<210> 18325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18325
Gly Leu Arg Arg Asn Gly Thr Leu Pro Trp
1 5 10

<210> 18326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18326
His Lys Leu Asn Ala Lys Leu Ala Gly Leu
1 5 10

<210> 18327
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18327
Arg Trp Asp His Ile Lys Asp Ser Phe
1 5

<210> 18328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18328
Lys Arg Trp Asp His Ile Lys Asp Ser Phe
1 5 10

<210> 18329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18329
Arg Ala His Arg Asn Ala Leu Glu Arg
1 5

<210> 18330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18330
Ser Ala Ala Asp Lys Arg Ala His Arg
1 5

<210> 18331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18331
Ala His Arg Asn Ala Leu Glu Arg Lys
1 5

<210> 18332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18332
Asp Lys Arg Ala His Arg Asn Ala Leu
1 5

<210> 18333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18333
Arg Ala His Arg Asn Ala Leu Glu Arg Lys
1 5 10

<210> 18334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18334
Gln Ser Ala Ala Asp Lys Arg Ala His Arg
1 5 10

<210> 18335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18335
Ser Leu Met Gln Ala Tyr Glu Ala Cys
1 5

<210> 18336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18336
Met Gln Ala Tyr Glu Ala Cys Lys Ala
1 5

<210> 18337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18337
Leu Met Gln Ala Tyr Glu Ala Cys Lys
1 5

<210> 18338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18338
Gln Ala Tyr Glu Ala Cys Lys Ala Ile
1 5

<210> 18339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18339
Tyr Glu Ala Cys Lys Ala Ile Ile Ile
1 5

<210> 18340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18340
Leu Met Gln Ala Tyr Glu Ala Cys Lys Ala
1 5 10

<210> 18341
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18341
Met Gln Ala Tyr Glu Ala Cys Lys Ala Ile
1 5 10

<210> 18342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18342
Ser Leu Met Gln Ala Tyr Glu Ala Cys Lys
1 5 10

<210> 18343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18343
Glu Ala Cys Lys Ala Ile Ile Ile Lys Leu
1 5 10

<210> 18344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18344
Gln Ala Tyr Glu Ala Cys Lys Ala Ile Ile
1 5 10

<210> 18345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18345
Ser Leu Ala Leu Cys Trp Val Pro Ala
1 5

<210> 18346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18346
Ser Gly Arg Pro Pro Asn Ser Leu Ala
1 5

<210> 18347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18347
Val Pro Ala Cys Trp Val Thr Cys Leu
1 5

<210> 18348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18348
Pro Pro Asn Ser Leu Ala Leu Cys Trp
1 5

<210> 18349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18349

Ser Leu Ala Leu Cys Trp Val Pro Ala Cys
1 5 10

<210> 18350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18350
Ala Leu Cys Trp Val Pro Ala Cys Trp Val
1 5 10

<210> 18351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18351
Ser Gly Arg Pro Pro Asn Ser Leu Ala Leu
1 5 10

<210> 18352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18352
Asn Ser Leu Ala Leu Cys Trp Val Pro Ala
1 5 10

<210> 18353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18353
Trp Val Pro Ala Cys Trp Val Thr Cys Leu
1 5 10

<210> 18354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18354
Arg Pro Pro Asn Ser Leu Ala Leu Cys Trp
1 5 10

<210> 18355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18355
Leu Ala Leu Cys Trp Val Pro Ala Cys Trp
1 5 10

<210> 18356
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18356
Ser Ser Ser Thr Pro Leu Arg Gly Phe
1 5

<210> 18357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18357
Leu Leu Pro Gly Gly Gly Ser Ser Ser Thr
1 5 10

<210> 18358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18358
Leu Gln Leu Leu Pro Gly Gly Gly Ser Ser
1 5 10

<210> 18359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18359
Gly Ser Ser Ser Thr Pro Leu Arg Gly Phe
1 5 10

<210> 18360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18360
Leu Ala Ala Ile Trp Phe Gln Thr Tyr
1 5

<210> 18361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18361
Leu Leu Ala Ala Ile Trp Phe Gln Thr
1 5

<210> 18362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18362
Ala Ile Trp Phe Gln Thr Tyr Leu His
1 5

<210> 18363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18363
Ala Ala Ile Trp Phe Gln Thr Tyr Leu
1 5

<210> 18364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18364
Phe Gln Thr Tyr Leu His Ser Ser Lys
1 5

<210> 18365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18365
Leu Leu Ala Ala Ile Trp Phe Gln Thr Tyr
1 5 10

<210> 18366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18366
Ala Leu Leu Ala Ala Ile Trp Phe Gln Thr

1 5 10

<210> 18367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18367
Trp Phe Gln Thr Tyr Leu His Ser Ser Lys
1 5 10

<210> 18368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18368
Leu Ala Ala Ile Trp Phe Gln Thr Tyr Leu
1 5 10

<210> 18369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18369
Phe Gln Thr Tyr Leu His Ser Ser Lys Thr
1 5 10

<210> 18370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18370
Leu Ser Leu Ala Asp Thr Leu Trp Tyr
1 5

<210> 18371

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18371
Ser Leu Ala Asp Thr Leu Trp Tyr Trp
1 5

<210> 18372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18372
Thr Leu Trp Tyr Trp Ala Ser Ile Tyr
1 5

<210> 18373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18373
Leu Trp Tyr Trp Ala Ser Ile Tyr Phe
1 5

<210> 18374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18374
Trp Tyr Trp Ala Ser Ile Tyr Phe Cys
1 5

<210> 18375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18375
Asp Thr Leu Trp Tyr Trp Ala Ser Ile
1 5

<210> 18376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18376
Leu Leu Ser Leu Ala Asp Thr Leu Trp
1 5

<210> 18377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18377
Leu Leu Ser Leu Ala Asp Thr Leu Trp Tyr
1 5 10

<210> 18378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18378
Ser Leu Ala Asp Thr Leu Trp Tyr Trp Ala
1 5 10

<210> 18379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18379
Leu Ser Leu Ala Asp Thr Leu Trp Tyr Trp
1 5 10

<210> 18380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18380
Thr Leu Trp Tyr Trp Ala Ser Ile Tyr Phe
1 5 10

<210> 18381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18381
Trp Tyr Trp Ala Ser Ile Tyr Phe Cys Ile
1 5 10

<210> 18382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18382
Asp Thr Leu Trp Tyr Trp Ala Ser Ile Tyr
1 5 10

<210> 18383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18383
Val Leu Leu Ser Leu Ala Asp Thr Leu Trp
1 5 10

<210> 18384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18384
Ala Asp Thr Leu Trp Tyr Trp Ala Ser Ile
1 5 10

<210> 18385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18385
His Leu Val Ile Ala Asp Thr Phe Val
1 5

<210> 18386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18386
Leu Val Ile Ala Asp Thr Phe Val Arg
1 5

<210> 18387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18387
Lys His Leu Val Ile Ala Asp Thr Phe
1 5

<210> 18388
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18388
Thr Phe Val Arg His Ile Asp Asn Val
1 5

<210> 18389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18389
Val Ile Ala Asp Thr Phe Val Arg His Ile
1 5 10

<210> 18390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18390
Thr Phe Val Arg His Ile Asp Asn Val Phe
1 5 10

<210> 18391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18391
His Leu Val Ile Ala Asp Thr Phe Val Arg
1 5 10

<210> 18392
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18392
Asp Thr Phe Val Arg His Ile Asp Asn Val
1 5 10

<210> 18393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18393
Asn Lys His Leu Val Ile Ala Asp Thr Phe
1 5 10

<210> 18394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18394
Ala Ser Gln Asn Gly Leu Glu Lys Tyr
1 5

<210> 18395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18395
Ile Ala Ser Gln Asn Gly Leu Glu Lys
1 5

<210> 18396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18396
Phe Glu Ile Ala Ser Gln Asn Gly Leu
1 5

<210> 18397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18397
Ser Gln Asn Gly Leu Glu Lys Tyr Ile
1 5

<210> 18398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18398
Ile Ala Ser Gln Asn Gly Leu Glu Lys Tyr
1 5 10

<210> 18399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18399
Arg Lys Phe Glu Ile Ala Ser Gln Asn Gly
1 5 10

<210> 18400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18400
Ser Gln Asn Gly Leu Glu Lys Tyr Ile Leu
1 5 10

<210> 18401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18401
Ile Leu Gln Arg Met Thr Phe Ser Val
1 5

<210> 18402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18402
Arg Met Thr Phe Ser Val Ala Pro Ala
1 5

<210> 18403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18403
Arg Ile Leu Gln Arg Met Thr Phe Ser
1 5

<210> 18404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18404
Leu Gln Arg Met Thr Phe Ser Val Ala
1 5

<210> 18405
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18405
Met Thr Phe Ser Val Ala Pro Ala Ser
1 5

<210> 18406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18406
Val Arg Ile Leu Gln Arg Met Thr Phe
1 5

<210> 18407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18407
Arg Ile Leu Gln Arg Met Thr Phe Ser Val
1 5 10

<210> 18408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18408
Ile Leu Gln Arg Met Thr Phe Ser Val Ala
1 5 10

<210> 18409
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18409
Thr Phe Ser Val Ala Pro Ala Ser Gln Arg
1 5 10

<210> 18410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18410
Tyr Val Arg Ile Leu Gln Arg Met Thr Phe
1 5 10

<210> 18411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18411
Leu Gln Arg Met Thr Phe Ser Val Ala Pro
1 5 10

<210> 18412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18412
Gln Arg Met Thr Phe Ser Val Ala Pro Ala
1 5 10

<210> 18413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18413

Arg Met Thr Phe Ser Val Ala Pro Ala Ser
1 5 10

<210> 18414
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18414
Tyr Leu Gln Leu Tyr Asn Val Ser Ile
1 5

<210> 18415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18415
Asn Val Ser Ile Gly Asn His Ala Tyr
1 5

<210> 18416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18416
Leu Gln Leu Tyr Asn Val Ser Ile Gly
1 5

<210> 18417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18417
Ser Ile Gly Asn His Ala Tyr Glu Asn Lys
1 5 10

<210> 18418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18418
Gln Tyr Leu Gln Leu Tyr Asn Val Ser Ile
1 5 10

<210> 18419
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18419
Tyr Asn Val Ser Ile Gly Asn His Ala Tyr
1 5 10

<210> 18420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18420
Leu Leu Gln Lys Gly Lys Glu Arg Tyr
1 5

<210> 18421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18421
Asn Ala Leu Pro Glu Asn Leu Leu Gln Lys
1 5 10

<210> 18422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18422
Asn Leu Gln Arg His Val Cys Asn Ile
1 5

<210> 18423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18423
Arg His Val Cys Asn Ile His Asn Lys
1 5

<210> 18424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18424
Leu Gln Arg His Val Cys Asn Ile His
1 5

<210> 18425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18425
His Val Cys Asn Ile His Asn Lys Glu Lys
1 5 10

<210> 18426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18426
Cys Asn Ile His Asn Lys Glu Lys Pro Phe
1 5 10

<210> 18427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18427
Gln Lys Glu Asp Glu Arg Thr Ala Leu
1 5

<210> 18428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18428
Lys Gln Lys Glu Asp Glu Arg Thr Ala Leu
1 5 10

<210> 18429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18429
Arg Thr Ala Leu Asn Val Lys Gln Gly Phe
1 5 10

<210> 18430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18430
Lys Glu Asp Glu Arg Thr Ala Leu Asn Val

1 5 10

<210> 18431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18431
Lys Gln Ser Phe Asn Asn Gln Pro Ala
1 5

<210> 18432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18432
Thr Ala Leu Asn Val Lys Gln Ser Phe
1 5

<210> 18433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18433
Gln Ser Phe Asn Asn Gln Pro Ala Val
1 5

<210> 18434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18434
Lys Gln Ser Phe Asn Asn Gln Pro Ala Val
1 5 10

<210> 18435

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18435
Leu Thr Ala Leu Asn Val Lys Gln Ser Phe
1 5 10

<210> 18436
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18436
Val Lys Gln Ser Phe Asn Asn Gln Pro Ala
1 5 10

<210> 18437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18437
Ala Val Phe Ala Val Phe Lys Ala Val
1 5

<210> 18438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18438
Phe Ala Val Phe Lys Ala Val Phe Val
1 5

<210> 18439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18439
Ala Val Phe Lys Ala Val Phe Val Leu
1 5

<210> 18440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18440
Val Phe Ala Val Phe Lys Ala Val Phe
1 5

<210> 18441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18441
Val Asp Gly Ala Val Phe Ala Val Phe
1 5

<210> 18442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18442
Phe Ala Val Phe Lys Ala Val Phe Val Leu
1 5 10

<210> 18443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18443
Ala Val Phe Ala Val Phe Lys Ala Val Phe
1 5 10

<210> 18444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18444
Ile Val Asp Gly Ala Val Phe Ala Val Phe
1 5 10

<210> 18445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18445
Gln Leu Ile Tyr Tyr Pro His Gly Ile
1 5

<210> 18446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18446
Leu Ile Tyr Tyr Pro His Gly Ile Lys
1 5

<210> 18447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18447
Ala Gln Lys Leu Leu Gln Leu Ile Tyr
1 5

<210> 18448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18448
Gln Lys Leu Leu Gln Leu Ile Tyr Tyr
1 5

<210> 18449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18449
Gln Ala Gln Lys Leu Leu Gln Leu Ile Tyr
1 5 10

<210> 18450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18450
Leu Gln Leu Ile Tyr Tyr Pro His Gly Ile
1 5 10

<210> 18451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18451
Gln Leu Ile Tyr Tyr Pro His Gly Ile Lys
1 5 10

<210> 18452
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18452
Ala Gln Lys Leu Leu Gln Leu Ile Tyr Tyr
1 5 10

<210> 18453
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18453
Leu Gln Met Gln Gln Pro Gln Gln Ser
1 5

<210> 18454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18454
Met Gln Gln Pro Gln Gln Ser Gln Pro
1 5

<210> 18455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18455
Leu Gln Met Gln Gln Pro Gln Gln Ser Gln
1 5 10

<210> 18456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18456
Met Gln Gln Pro Gln Gln Ser Gln Pro Gln
1 5 10

<210> 18457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18457
Gln Gln Thr Gln Gln Gln Gln Thr Ala
1 5

<210> 18458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18458
Thr Gln Gln Gln Gln Thr Ala Ala Leu
1 5

<210> 18459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18459
Thr Gln Gln Gln Gln Thr Ala Ala Leu Val
1 5 10

<210> 18460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18460
Leu Gln Gln Thr Gln Gln Gln Gln Thr Ala
1 5 10

<210> 18461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18461
Gln Gln Thr Gln Gln Gln Gln Thr Ala Ala
1 5 10

<210> 18462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18462
Gly Val Ala His Ile Lys Ser Ser Lys
1 5

<210> 18463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18463
Met Arg Lys Ala Gly Val Ala His Ile
1 5

<210> 18464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18464
Ala His Ile Lys Ser Ser Lys Asp Met
1 5

<210> 18465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18465
Ala Met Arg Lys Ala Gly Val Ala His Ile
1 5 10

<210> 18466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18466
Met Arg Lys Ala Gly Val Ala His Ile Lys
1 5 10

<210> 18467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18467
Ala Gly Val Ala His Ile Lys Ser Ser Lys
1 5 10

<210> 18468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18468
Asp Ser Gln Gly Lys Leu Ser Val Leu Arg
1 5 10

<210> 18469
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18469
Ile Asp Ser Gln Gly Lys Leu Ser Val Leu
1 5 10

<210> 18470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18470
Ser Gln Gly Lys Leu Ser Val Leu Arg Leu
1 5 10

<210> 18471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18471
Ser Ser Asp Pro Asp Thr Ser Tyr Val
1 5

<210> 18472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18472
Asp Ser Ser Asp Pro Asp Thr Ser Tyr
1 5

<210> 18473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18473
Asp Ser Ser Asp Pro Asp Thr Ser Tyr Val
1 5 10

<210> 18474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18474
Cys Asp Ser Ser Asp Pro Asp Thr Ser Tyr
1 5 10

<210> 18475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18475
Asn Met Met Gln Asn His Lys Ile Ala
1 5

<210> 18476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18476
Met Met Gln Asn His Lys Ile Ala Pro
1 5

<210> 18477
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18477

Met Gln Asn His Lys Ile Ala Pro Gly
1 5

<210> 18478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18478
Met Gln Asn His Lys Ile Ala Pro Gly Leu
1 5 10

<210> 18479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18479
Met Met Gln Asn His Lys Ile Ala Pro Gly
1 5 10

<210> 18480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18480
Glu Glu Phe Asp Asn Met Met Gln Asn His
1 5 10

<210> 18481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18481
Lys His His Leu Lys Gln Val Gln Leu
1 5

<210> 18482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18482
His His Leu Lys Gln Val Gln Leu Leu
1 5

<210> 18483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18483
His His Leu Lys Gln Val Gln Leu Leu Phe
1 5 10

<210> 18484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18484
Gln Pro Leu Pro Gln Cys Lys His His Leu
1 5 10

<210> 18485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18485
Cys Lys His His Leu Lys Gln Val Gln Leu
1 5 10

<210> 18486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18486
Lys His His Leu Lys Gln Val Gln Leu Leu
1 5 10

<210> 18487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18487
Tyr Val Glu Met Lys Leu Pro Ala Arg
1 5

<210> 18488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18488
Leu Pro Ala Arg Arg Asp Ser Pro Tyr
1 5

<210> 18489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18489
Lys Leu Pro Ala Arg Arg Asp Ser Pro Tyr
1 5 10

<210> 18490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18490
Tyr Val Glu Met Lys Leu Pro Ala Arg Arg
1 5 10

<210> 18491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18491
Leu Pro Ala Arg Arg Asp Ser Pro Tyr Ala
1 5 10

<210> 18492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18492
Ser Glu Cys Gly Tyr Val Glu Met Lys Leu
1 5 10

<210> 18493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18493
Cys Glu Cys Gly Cys Tyr Ala Gly Tyr
1 5

<210> 18494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18494
Asn Pro Gly Gly Cys Glu Cys Gly Cys Tyr

1 5 10

<210> 18495
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18495
Leu Pro Leu Pro Pro Gly Cys Gln Trp
1 5

<210> 18496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18496
Cys Asp Ser Val Thr Gly Ala Leu Pro Leu
1 5 10

<210> 18497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18497
Arg Gly His Phe Gly Cys Val Tyr Tyr
1 5

<210> 18498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18498
His Phe Gly Cys Val Tyr Tyr Gly Thr Leu
1 5 10

<210> 18499

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18499
Lys Leu Pro Val Lys Trp Thr Ala Leu
1 5

<210> 18500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18500
Val Lys Trp Thr Ala Leu Glu Ser Leu
1 5

<210> 18501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18501
Thr Ala Leu Glu Ser Leu Gln Thr Gln Lys
1 5 10

<210> 18502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18502
Ala Lys Leu Pro Val Lys Trp Thr Ala Leu
1 5 10

<210> 18503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18503
Leu Pro Val Lys Trp Thr Ala Leu Glu Ser
1 5 10

<210> 18504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18504
Arg Glu Gln Thr Asp Gln Thr Glu Ala
1 5

<210> 18505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18505
Ser Gln Asn Pro Arg Arg Pro Pro Pro
1 5

<210> 18506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18506
Ser Gln Asn Pro Arg Arg Pro Pro Pro Ser
1 5 10

<210> 18507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18507
Ile Leu Leu Ala Cys Gln Ile Arg Tyr
1 5

<210> 18508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18508
Leu Ala Cys Gln Ile Arg Tyr Glu Arg
1 5

<210> 18509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18509
Val Ile Leu Leu Ala Cys Gln Ile Arg Tyr
1 5 10

<210> 18510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18510
Ser Val Ile Leu Leu Ala Cys Gln Ile Arg
1 5 10

<210> 18511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18511
Leu Leu Ala Cys Gln Ile Arg Tyr Glu Arg
1 5 10

<210> 18512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18512
Phe Tyr Lys Arg Asn Ser Thr Asn Leu
1 5

<210> 18513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18513
Lys Arg Asn Ser Thr Asn Leu Phe Lys
1 5

<210> 18514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18514
Tyr Lys Arg Asn Ser Thr Asn Leu Phe
1 5

<210> 18515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18515
Leu Phe Tyr Lys Arg Asn Ser Thr Asn Leu
1 5 10

<210> 18516
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18516
Phe Tyr Lys Arg Asn Ser Thr Asn Leu Phe
1 5 10

<210> 18517
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18517
Tyr Lys Arg Asn Ser Thr Asn Leu Phe Lys
1 5 10

<210> 18518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18518
Leu Phe Lys Asp Arg His Trp Thr Thr Arg
1 5 10

<210> 18519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18519
Gln Trp Phe Val Cys Asn Arg Glu Lys
1 5

<210> 18520
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18520
Asn His Gln Trp Phe Val Cys Asn Arg
1 5

<210> 18521
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18521
Gly Arg Lys Glu Asn His Gln Trp Phe
1 5

<210> 18522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18522
Lys Glu Asn His Gln Trp Phe Val Cys
1 5

<210> 18523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18523
His Gln Trp Phe Val Cys Asn Arg Glu Lys
1 5 10

<210> 18524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18524
Glu Asn His Gln Trp Phe Val Cys Asn Arg
1 5 10

<210> 18525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18525
Thr Gln Ser Arg Gly Ser Gln Pro Ser
1 5

<210> 18526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18526
Lys Thr Gln Ser Arg Gly Ser Gln Pro Ser
1 5 10

<210> 18527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18527
Thr Gln Ser Arg Gly Ser Gln Pro Ser Thr
1 5 10

<210> 18528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18528
Glu Ala Ala Ala Ala Ala Gly Val Leu
1 5

<210> 18529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18529
Arg Glu Ala Ala Ala Ala Ala Gly Val
1 5

<210> 18530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18530
Glu Ala Ala Ala Ala Ala Gly Val Leu Tyr
1 5 10

<210> 18531
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18531
Arg Glu Ala Ala Ala Ala Ala Gly Val Leu
1 5 10

<210> 18532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18532
Thr Ser Phe Asp Thr Ser Leu Gly Arg
1 5

<210> 18533
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18533
Lys Gly Thr Ser Phe Asp Thr Ser Leu
1 5

<210> 18534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18534
Gly Thr Ser Phe Asp Thr Ser Leu Gly Arg
1 5 10

<210> 18535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18535
Thr Ser Phe Asp Thr Ser Leu Gly Arg Val
1 5 10

<210> 18536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18536
Ser Lys Gly Thr Ser Phe Asp Thr Ser Leu
1 5 10

<210> 18537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18537
Arg Ser Met Ser Glu Asn Ala Val Cys
1 5

<210> 18538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18538
Ser Glu Asn Ala Val Cys Gln Asn Gly
1 5

<210> 18539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18539
Asn Ala Val Cys Gln Asn Gly Gln Leu Val
1 5 10

<210> 18540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18540
Ser Leu Asn Gly His Glu Phe Asn Phe
1 5

<210> 18541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18541

His Glu Phe Asn Phe Ile His Asp Val
1 5

<210> 18542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18542
Ser Leu Asn Gly His Glu Phe Asn Phe Ile
1 5 10

<210> 18543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18543
Tyr Ser Leu Asn Gly His Glu Phe Asn Phe
1 5 10

<210> 18544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18544
Glu Phe Asn Phe Ile His Asp Val Asn Lys
1 5 10

<210> 18545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18545
His Glu Phe Asn Phe Ile His Asp Val Asn
1 5 10

<210> 18546
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18546
Trp Ile Pro Ala Thr Phe Ala Gln Ala
1 5

<210> 18547
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18547
Ala Gln Ala Ala Phe Trp Asn His Val
1 5

<210> 18548
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18548
Gln Ala Ala Phe Trp Asn His Val Leu
1 5

<210> 18549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18549
Ile Pro Ala Thr Phe Ala Gln Ala Ala
1 5

<210> 18550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18550
Ala Thr Phe Ala Gln Ala Ala Phe Trp
1 5

<210> 18551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18551
Phe Ala Gln Ala Ala Phe Trp Asn His Val
1 5 10

<210> 18552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18552
Ala Gln Ala Ala Phe Trp Asn His Val Leu
1 5 10

<210> 18553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18553
Trp Ile Pro Ala Thr Phe Ala Gln Ala Ala
1 5 10

<210> 18554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18554
Gln Ala Ala Phe Trp Asn His Val Leu Ala
1 5 10

<210> 18555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18555
Ile Pro Ala Thr Phe Ala Gln Ala Ala Phe
1 5 10

<210> 18556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18556
Ala Glu Trp Ile Pro Ala Thr Phe Ala Gln
1 5 10

<210> 18557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18557
His Thr Ala Asn Glu Arg Arg Gln Arg
1 5

<210> 18558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18558
Asn Glu Arg Arg Gln Arg Gly Glu Met

1 5

<210> 18559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18559
Arg Gln Arg Gly Glu Met Arg Asp Leu
1 5

<210> 18560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18560
Arg Gln Arg Gly Glu Met Arg Asp Leu Phe
1 5 10

<210> 18561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18561
Phe Phe Trp Ala Phe Pro Pro Ala Ala
1 5

<210> 18562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18562
Ala Phe Pro Pro Ala Ala Gly Asp Phe
1 5

<210> 18563

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18563
Asp Phe Phe Trp Ala Phe Pro Pro Ala
1 5

<210> 18564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18564
Phe Pro Pro Ala Ala Gly Asp Phe Ile
1 5

<210> 18565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18565
Ala Phe Pro Pro Ala Ala Gly Asp Phe Ile
1 5 10

<210> 18566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18566
Trp Ala Phe Pro Pro Ala Ala Gly Asp Phe
1 5 10

<210> 18567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18567
Pro Pro Ala Ala Gly Asp Phe Ile Arg Phe
1 5 10

<210> 18568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18568
Arg Glu Asp Phe Phe Trp Ala Phe Pro Pro
1 5 10

<210> 18569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18569
Glu Asp Phe Phe Trp Ala Phe Pro Pro Ala
1 5 10

<210> 18570
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18570
Ser Ser Tyr Lys Gly Met Glu Asn Lys
1 5

<210> 18571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18571
Ser Tyr Lys Gly Met Glu Asn Lys Leu
1 5

<210> 18572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18572
Gly Tyr Tyr Ser Ser Tyr Lys Gly Met
1 5

<210> 18573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18573
Tyr Ser Ser Tyr Lys Gly Met Glu Asn Lys
1 5 10

<210> 18574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18574
Ser Tyr Lys Gly Met Glu Asn Lys Leu Lys
1 5 10

<210> 18575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18575
Met Gly Tyr Tyr Ser Ser Tyr Lys Gly Met
1 5 10

<210> 18576
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18576
Ser Ser Tyr Lys Gly Met Glu Asn Lys Leu
1 5 10

<210> 18577
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18577
Met Glu Asn Lys Leu Lys Asp Asp Asp Phe
1 5 10

<210> 18578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18578
Glu Ala Ala Lys Asn Gly Ser Pro Val
1 5

<210> 18579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18579
Ser Glu Ala Ala Lys Asn Gly Ser Pro Val
1 5 10

<210> 18580
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18580
Gly Gln Trp Thr Gln Met Leu Pro Leu
1 5

<210> 18581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18581
Gly Leu Lys Thr Leu Ile His Phe Lys
1 5

<210> 18582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18582
Gln Met Leu Pro Leu Lys Asn Tyr Arg
1 5

<210> 18583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18583
Gly Phe Gly Gln Trp Thr Gln Met Leu
1 5

<210> 18584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18584
Arg Gly Leu Lys Thr Leu Ile His Phe
1 5

<210> 18585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18585
Gln Trp Thr Gln Met Leu Pro Leu Lys
1 5

<210> 18586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18586
Pro Leu Lys Asn Tyr Arg Gly Leu Lys
1 5

<210> 18587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18587
Thr Gln Met Leu Pro Leu Lys Asn Tyr
1 5

<210> 18588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18588
Leu Pro Leu Lys Asn Tyr Arg Gly Leu
1 5

<210> 18589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18589
His Leu Gly Trp Val Lys Ser Gly Phe
1 5

<210> 18590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18590
Trp Val Lys Ser Gly Phe Gly Gln Trp
1 5

<210> 18591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18591
Ser Gly Phe Gly Gln Trp Thr Gln Met
1 5

<210> 18592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18592
Lys Asn Tyr Arg Gly Leu Lys Thr Leu
1 5

<210> 18593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18593
Trp Thr Gln Met Leu Pro Leu Lys Asn Tyr
1 5 10

<210> 18594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18594
Met Leu Pro Leu Lys Asn Tyr Arg Gly Leu
1 5 10

<210> 18595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18595
Gly Gln Trp Thr Gln Met Leu Pro Leu Lys
1 5 10

<210> 18596
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18596
Arg Gly Leu Lys Thr Leu Ile His Phe Lys
1 5 10

<210> 18597
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18597
Thr Gln Met Leu Pro Leu Lys Asn Tyr Arg
1 5 10

<210> 18598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18598
Gly Trp Val Lys Ser Gly Phe Gly Gln Trp
1 5 10

<210> 18599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18599
Gln His Leu Gly Trp Val Lys Ser Gly Phe
1 5 10

<210> 18600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18600
Lys Ser Gly Phe Gly Gln Trp Thr Gln Met
1 5 10

<210> 18601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18601
Ser Gly Phe Gly Gln Trp Thr Gln Met Leu
1 5 10

<210> 18602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18602
Phe Gly Gln Trp Thr Gln Met Leu Pro Leu
1 5 10

<210> 18603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18603
Leu Lys Asn Tyr Arg Gly Leu Lys Thr Leu
1 5 10

<210> 18604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18604
Lys Asn Tyr Arg Gly Leu Lys Thr Leu Ile
1 5 10

<210> 18605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18605

Tyr Arg Gly Leu Lys Thr Leu Ile His Phe
1 5 10

<210> 18606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18606
Val Ser Ala Val Ala Ala Leu Leu Phe
1 5

<210> 18607
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18607
Ala Val Ala Ala Leu Leu Phe Leu Leu
1 5

<210> 18608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18608
Leu Leu Leu Leu Phe Ser Met Ser Val
1 5

<210> 18609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18609
Leu Leu Leu Phe Ser Met Ser Val Val
1 5

<210> 18610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18610
Leu Leu Phe Ser Met Ser Val Val Val
1 5

<210> 18611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18611
His Val Ser Ala Val Ala Ala Leu Leu
1 5

<210> 18612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18612
Ser Met Ser Val Val Val Arg Arg Lys
1 5

<210> 18613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18613
Phe Ser Met Ser Val Val Val Arg Arg
1 5

<210> 18614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18614
Ala Leu Leu Phe Leu Leu Leu Leu Phe
1 5

<210> 18615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18615
Leu Phe Leu Leu Leu Leu Phe Ser Met
1 5

<210> 18616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18616
Val Val Arg Arg Lys His Gln Leu Gln
1 5

<210> 18617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18617
Leu Phe Ser Met Ser Val Val Val Arg
1 5

<210> 18618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18618
Ser Ala Val Ala Ala Leu Leu Phe Leu
1 5

<210> 18619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18619
Val Val Val Arg Arg Lys His Gln Leu
1 5

<210> 18620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18620
Phe His Val Ser Ala Val Ala Ala Leu
1 5

<210> 18621
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18621
Val Ala Ala Leu Leu Phe Leu Leu Leu
1 5

<210> 18622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18622
His Gln Leu Gln Arg Val Gln Ser Ser

1 5

<210> 18623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18623
Ser Ala Val Ala Ala Leu Leu Phe Leu Leu
1 5 10

<210> 18624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18624
Ala Val Ala Ala Leu Leu Phe Leu Leu Leu
1 5 10

<210> 18625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18625
Leu Leu Phe Leu Leu Leu Leu Phe Ser Met
1 5 10

<210> 18626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18626
Phe Leu Leu Leu Leu Phe Ser Met Ser Val
1 5 10

<210> 18627

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18627
Leu Leu Leu Leu Phe Ser Met Ser Val Val
1 5 10

<210> 18628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18628
Leu Leu Leu Phe Ser Met Ser Val Val Val
1 5 10

<210> 18629
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18629
Leu Leu Phe Ser Met Ser Val Val Val Arg
1 5 10

<210> 18630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18630
Phe Ser Met Ser Val Val Val Arg Arg Lys
1 5 10

<210> 18631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18631
Ala Ala Leu Leu Phe Leu Leu Leu Leu Phe
1 5 10

<210> 18632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18632
Val Val Arg Arg Lys His Gln Leu Gln Arg
1 5 10

<210> 18633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18633
His Val Ser Ala Val Ala Ala Leu Leu Phe
1 5 10

<210> 18634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18634
Leu Phe Ser Met Ser Val Val Val Arg Arg
1 5 10

<210> 18635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18635
Ser Val Val Val Arg Arg Lys His Gln Leu
1 5 10

<210> 18636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18636
Phe His Val Ser Ala Val Ala Ala Leu Leu
1 5 10

<210> 18637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18637
Lys Glu Gln Ile Ala Lys Asp Leu Phe
1 5

<210> 18638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18638
Ala Ala Ser Val Thr Gly Met Lys Lys
1 5

<210> 18639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18639
Asp Pro Ala Ala Ser Val Thr Gly Met
1 5

<210> 18640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18640
Ser Val Thr Gly Met Lys Lys Trp Pro Arg
1 5 10

<210> 18641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18641
Ala Ala Ser Val Thr Gly Met Lys Lys Trp
1 5 10

<210> 18642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18642
His Thr Lys Ser Gln Gln Glu Met Val
1 5

<210> 18643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18643
His Thr His Thr Lys Ser Gln Gln Glu Met
1 5 10

<210> 18644
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18644
His Thr Lys Ser Gln Gln Glu Met Val Arg
1 5 10

<210> 18645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18645
His Thr Gln Ser Gln Gln Glu Met Val
1 5

<210> 18646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18646
Thr His Thr Gln Ser Gln Gln Glu Met
1 5

<210> 18647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18647
His Thr His Thr Gln Ser Gln Gln Glu Met
1 5 10

<210> 18648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18648
His Thr Gln Ser Gln Gln Glu Met Val Arg
1 5 10

<210> 18649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18649
Cys Thr Asp Lys Pro Thr Thr Asp Glu Lys
1 5 10

<210> 18650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18650
Pro Leu Gly Pro Val Gly Trp His Val
1 5

<210> 18651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18651
Gln Tyr Ala Ala Ser Pro Leu Pro Ile
1 5

<210> 18652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18652
Gly Trp His Val Arg Thr Ala Pro His
1 5

<210> 18653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18653
Leu Gly Ser Ser Gly Thr Pro Gln Tyr
1 5

<210> 18654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18654
Tyr Ala Ala Ser Pro Leu Pro Ile Ala
1 5

<210> 18655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18655
Ile Ala Ala Pro Ala Arg Ala Pro Leu
1 5

<210> 18656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18656
Thr Pro Gln Tyr Ala Ala Ser Pro Leu
1 5

<210> 18657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18657
Ser Pro Leu Pro Ile Ala Ala Pro Ala
1 5

<210> 18658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18658
Leu Pro Ile Ala Ala Pro Ala Arg Ala
1 5

<210> 18659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18659
Ala Leu Gly Ser Ser Gly Thr Pro Gln Tyr
1 5 10

<210> 18660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18660
Tyr Ala Ala Ser Pro Leu Pro Ile Ala Ala
1 5 10

<210> 18661
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18661
Ala Pro Ala Arg Ala Pro Leu Gly Pro Val
1 5 10

<210> 18662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18662
Pro Gln Tyr Ala Ala Ser Pro Leu Pro Ile
1 5 10

<210> 18663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18663
Ala Arg Ala Pro Leu Gly Pro Val Gly Trp
1 5 10

<210> 18664
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18664
Ala Pro Leu Gly Pro Val Gly Trp His Val
1 5 10

<210> 18665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18665
Tyr Leu Asn Asp Leu Phe Ser Tyr Asp
1 5

<210> 18666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18666
Thr Tyr Leu Asn Asp Leu Phe Ser Tyr
1 5

<210> 18667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18667
Arg Ser Lys Thr Tyr Leu Asn Asp Leu
1 5

<210> 18668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18668
Lys Thr Tyr Leu Asn Asp Leu Phe Ser
1 5

<210> 18669
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18669

Ser Lys Thr Tyr Leu Asn Asp Leu Phe
1 5

<210> 18670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18670
Lys Thr Tyr Leu Asn Asp Leu Phe Ser Tyr
1 5 10

<210> 18671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18671
Tyr Leu Asn Asp Leu Phe Ser Tyr Asp Val
1 5 10

<210> 18672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18672
Arg Ser Lys Thr Tyr Leu Asn Asp Leu Phe
1 5 10

<210> 18673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18673
Tyr Trp His Gln Leu Val Glu His Val
1 5

<210> 18674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18674
His Val Arg Met Gly Glu Gly Asn Met
1 5

<210> 18675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18675
His Gln Leu Val Glu His Val Arg Met
1 5

<210> 18676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18676
Ala Tyr Trp His Gln Leu Val Glu His Val
1 5 10

<210> 18677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18677
His Val Arg Met Gly Glu Gly Asn Met Leu
1 5 10

<210> 18678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18678
Tyr Trp His Gln Leu Val Glu His Val Arg
1 5 10

<210> 18679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18679
Ser Ala Tyr Trp His Gln Leu Val Glu His
1 5 10

<210> 18680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18680
Trp His Gln Leu Val Glu His Val Arg Met
1 5 10

<210> 18681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18681
Cys Val Leu Gln Thr Leu His Pro Met
1 5

<210> 18682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18682
Cys Asp Met Cys Val Leu Gln Thr Leu
1 5

<210> 18683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18683
Met Cys Val Leu Gln Thr Leu His Pro Met
1 5 10

<210> 18684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18684
Glu Glu Ser Pro Met Ser Pro Pro Thr
1 5

<210> 18685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18685
Arg Leu His Ala Ser Pro His His Leu
1 5

<210> 18686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18686
Ser Leu Arg Ser His Ala Tyr Ala Leu

1 5

<210> 18687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18687
Arg Leu Arg Asp His Ile Cys Pro Leu
1 5

<210> 18688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18688
Ser Leu Gly Asn His Leu Cys Pro Leu
1 5

<210> 18689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18689
Arg Leu Arg Ser Arg Thr Cys Leu Leu
1 5

<210> 18690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18690
Gly Leu Arg Asn Arg Ile Cys Pro Leu
1 5

<210> 18691

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18691
Ser Leu Arg Ser His Pro Cys Pro Leu
1 5

<210> 18692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18692
His Leu Arg Ser Cys Pro Cys Ser Leu
1 5

<210> 18693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18693
His Leu Gly Ser His Pro Cys Arg Leu
1 5

<210> 18694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18694
His Leu Arg Thr His Leu Leu Pro His
1 5

<210> 18695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18695
Gly Leu Arg Ser His Thr Tyr Leu Arg
1 5

<210> 18696
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18696
Arg Thr His Leu Leu Pro His His Arg
1 5

<210> 18697
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18697
Ser Gln Ala Asn Ala Leu His Leu Arg
1 5

<210> 18698
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18698
Arg Tyr Arg Ala Tyr Pro Pro Cys Leu
1 5

<210> 18699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18699
His Leu Arg Tyr Arg Ala Tyr Pro Pro
1   5

<210> 18700
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 18700
Arg Leu Arg Asn Leu Pro Cys Pro His
1   5

<210> 18701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 18701
Arg Leu Arg Ser Leu Pro Arg Pro Leu
1   5

<210> 18702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 18702
Arg Ser Leu Pro Arg Pro Leu His Leu
1   5

<210> 18703
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 18703
His Leu Arg Leu His Ala Ser Pro His
1   5

<210> 18704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18704
His Leu Arg Thr Pro Pro His Pro His
1 5

<210> 18705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18705
Arg Thr Pro Pro His Pro His His Leu
1 5

<210> 18706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18706
Arg Thr Arg Ser Cys Pro Cys Arg Trp
1 5

<210> 18707
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18707
Arg Trp Arg Ser His Pro Cys Cys His
1 5

<210> 18708
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18708
Arg Ser His Pro Cys Cys His Tyr Leu
1 5

<210> 18709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18709
His Tyr Leu Arg Ser Arg Asn Ser Ala
1 5

<210> 18710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18710
Arg Ser Arg Asn Ser Ala Pro Gly Pro
1 5

<210> 18711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18711
Arg Gly Arg Thr Cys His Pro Gly Leu
1 5

<210> 18712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18712
Arg Ser Arg Thr Cys Pro Pro Gly Leu
1 5

<210> 18713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18713
Arg Ser His Thr Tyr Leu Arg Arg Leu
1 5

<210> 18714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18714
His Thr Tyr Leu Arg Arg Leu Arg Ser
1 5

<210> 18715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18715
Arg Leu Arg Ser His Thr Cys Pro Pro
1 5

<210> 18716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18716
Arg Ser His Thr Cys Pro Pro Ser Leu
1 5

<210> 18717
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18717
Arg Ser His Ala Tyr Ala Leu Cys Leu
1 5

<210> 18718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18718
Arg Ser His Thr Cys Pro Pro Arg Leu
1 5

<210> 18719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18719
Arg Ser Arg Thr Cys Leu Leu Cys Leu
1 5

<210> 18720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18720
Arg Ser His Ala Cys Pro Pro Asn Leu
1 5

<210> 18721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18721
Arg Asn His Thr Cys Pro Pro Ser Leu
1 5

<210> 18722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18722
Arg Ser His Ala Cys Pro Pro Gly Leu
1 5

<210> 18723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18723
Arg Asn Arg Ile Cys Pro Leu Ser Leu
1 5

<210> 18724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18724
Arg Ser His Pro Cys Pro Leu Gly Leu
1 5

<210> 18725
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18725
Arg Ser Gln Ala Asn Ala Leu His Leu
1 5

<210> 18726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18726
Arg Ser Cys Pro Cys Ser Leu Pro Leu
1 5

<210> 18727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18727
Ser Pro Met Ser Pro His Leu Arg Tyr
1 5

<210> 18728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18728
Ser Leu Pro Leu Gly Asn His Pro Tyr
1 5

<210> 18729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18729
Glu Ser Pro Met Ser Pro His Leu Arg
1 5

<210> 18730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18730
Pro Met Ser Pro His Leu Arg Tyr Arg
1 5

<210> 18731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18731
Asn Leu Pro Cys Pro His Arg Leu Arg
1 5

<210> 18732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18732
Ser Leu Pro Arg Pro Leu His Leu Arg
1 5

<210> 18733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18733

Leu Leu Pro His His Arg Arg Thr Arg
1 5

<210> 18734
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18734
Ser His Ala Tyr Ala Leu Cys Leu Arg
1 5

<210> 18735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18735
Asp His Ile Cys Pro Leu Ser Leu Arg
1 5

<210> 18736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18736
Met Ser Pro His Leu Arg Tyr Arg Ala
1 5

<210> 18737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18737
Ser Pro His Leu Arg Tyr Arg Ala Tyr
1 5

<210> 18738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18738
Leu Pro Arg Pro Leu His Leu Arg Leu
1 5

<210> 18739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18739
Arg Pro Leu His Leu Arg Leu His Ala
1 5

<210> 18740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18740
Ser Pro His His Leu Arg Thr Pro Pro
1 5

<210> 18741
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18741
His Pro His His Leu Arg Thr His Leu
1 5

<210> 18742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18742
Leu Pro His His Arg Arg Thr Arg Ser
1 5

<210> 18743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18743
Ala Pro Gly Pro Arg Gly Arg Thr Cys
1 5

<210> 18744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18744
Cys Pro Leu Gly Leu Lys Ser Pro Leu
1 5

<210> 18745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18745
Leu Pro Leu Gly Asn His Pro Tyr Leu
1 5

<210> 18746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18746
Cys Pro Arg Ser Cys Arg Cys Pro His
1 5

<210> 18747
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18747
Cys Pro His Leu Gly Ser His Pro Cys
1 5

<210> 18748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18748
Tyr Leu Arg Ser Arg Asn Ser Ala Pro
1 5

<210> 18749
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18749
Asn Leu Arg Asn His Thr Cys Pro Pro
1 5

<210> 18750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18750
Trp Arg Ser His Pro Cys Cys His Tyr

1 5

<210> 18751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18751
Arg Asp His Ile Cys Pro Leu Ser Leu
1 5

<210> 18752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18752
Leu Glu Ser Gln Pro Cys Leu Ser Leu
1 5

<210> 18753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18753
Glu Glu Ser Pro Met Ser Pro His Leu
1 5

<210> 18754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18754
Pro Pro Ser Leu Arg Ser His Ala Tyr
1 5

<210> 18755

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18755
Cys Pro Pro Arg Leu Arg Asp His Ile
1 5

<210> 18756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18756
Cys Pro Pro Gly Leu Arg Asn Arg Ile
1 5

<210> 18757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18757
Glu Ser Pro Met Ser Pro His Leu Arg Tyr
1 5 10

<210> 18758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18758
Cys Ser Leu Pro Leu Gly Asn His Pro Tyr
1 5 10

<210> 18759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18759
Ser Leu Pro Leu Gly Asn His Pro Tyr Leu
1 5 10

<210> 18760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18760
Ser Leu Pro Arg Pro Leu His Leu Arg Leu
1 5 10

<210> 18761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18761
Gly Leu Lys Ser Pro Leu Arg Ser Gln Ala
1 5 10

<210> 18762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18762
Tyr Leu Pro Cys Leu Glu Ser Gln Pro Cys
1 5 10

<210> 18763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18763
Arg Leu Arg Asn Leu Pro Cys Pro His Arg
1 5 10

<210> 18764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18764
Arg Leu Arg Ser Leu Pro Arg Pro Leu His
1 5 10

<210> 18765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18765
Arg Leu His Ala Ser Pro His His Leu Arg
1 5 10

<210> 18766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18766
Gly Leu Arg Ser His Thr Tyr Leu Arg Arg
1 5 10

<210> 18767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18767
Arg Ser His Ala Tyr Ala Leu Cys Leu Arg
1 5 10

<210> 18768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18768
Cys Leu Arg Ser His Thr Cys Pro Pro Arg
1 5 10

<210> 18769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18769
Ser Leu Arg Asn Cys Thr Cys Pro Pro Arg
1 5 10

<210> 18770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18770
Arg Ser Arg Thr Cys Leu Leu Cys Leu Arg
1 5 10

<210> 18771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18771
Arg Ser His Pro Cys Pro Leu Gly Leu Lys
1 5 10

<210> 18772
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18772
Arg Ser Leu Pro Arg Pro Leu His Leu Arg
1 5 10

<210> 18773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18773
Arg Thr His Leu Leu Pro His His Arg Arg
1 5 10

<210> 18774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18774
Arg Ser His Pro Cys Cys His Tyr Leu Arg
1 5 10

<210> 18775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18775
Arg Thr Cys His Pro Gly Leu Arg Ser Arg
1 5 10

<210> 18776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18776
Arg Ser His Thr Cys Pro Pro Ser Leu Arg
1 5 10

<210> 18777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18777
Arg Ser His Thr Cys Pro Pro Arg Leu Arg
1 5 10

<210> 18778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18778
Cys Thr Cys Pro Pro Arg Leu Arg Ser Arg
1 5 10

<210> 18779
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18779
Arg Ser His Ala Cys Pro Pro Asn Leu Arg
1 5 10

<210> 18780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18780
Arg Ser His Ala Cys Pro Pro Gly Leu Arg
1 5 10

<210> 18781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18781
Arg Ser Gln Ala Asn Ala Leu His Leu Arg
1 5 10

<210> 18782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18782
Arg Tyr Arg Ala Tyr Pro Pro Cys Leu Trp
1 5 10

<210> 18783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18783
Leu Trp Cys His Ala Cys Leu His Arg Leu
1 5 10

<210> 18784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18784
His Leu Arg Tyr Arg Ala Tyr Pro Pro Cys
1 5 10

<210> 18785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18785
Arg Asn Leu Pro Cys Pro His Arg Leu Arg
1 5 10

<210> 18786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18786
His Leu Arg Leu His Ala Ser Pro His His
1 5 10

<210> 18787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18787
His Leu Arg Thr Pro Pro His Pro His His
1 5 10

<210> 18788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18788
Arg Thr Pro Pro His Pro His His Leu Arg
1 5 10

<210> 18789
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18789
His Leu Arg Thr His Leu Leu Pro His His
1 5 10

<210> 18790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18790
His Leu Leu Pro His His Arg Arg Thr Arg
1 5 10

<210> 18791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18791
Arg Thr Arg Ser Cys Pro Cys Arg Trp Arg
1 5 10

<210> 18792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18792
Arg Ser Cys Pro Cys Arg Trp Arg Ser His
1 5 10

<210> 18793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18793
Arg Trp Arg Ser His Pro Cys Cys His Tyr
1 5 10

<210> 18794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18794
Arg Ser Arg Asn Ser Ala Pro Gly Pro Arg
1 5 10

<210> 18795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18795
Arg Gly Arg Thr Cys His Pro Gly Leu Arg
1 5 10

<210> 18796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18796
Gly Leu Arg Ser Arg Thr Cys Pro Pro Gly
1 5 10

<210> 18797
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18797

Arg Ser Arg Thr Cys Pro Pro Gly Leu Arg
1 5 10

<210> 18798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18798
Arg Ser His Thr Tyr Leu Arg Arg Leu Arg
1 5 10

<210> 18799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18799
His Thr Tyr Leu Arg Arg Leu Arg Ser His
1 5 10

<210> 18800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18800
Arg Leu Arg Ser His Thr Cys Pro Pro Ser
1 5 10

<210> 18801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18801
Ser Leu Arg Ser His Ala Tyr Ala Leu Cys
1 5 10

<210> 18802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18802
Arg Leu Arg Asp His Ile Cys Pro Leu Ser
1 5 10

<210> 18803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18803
Arg Leu Arg Ser Arg Thr Cys Leu Leu Cys
1 5 10

<210> 18804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18804
Arg Asn His Thr Cys Pro Pro Ser Leu Arg
1 5 10

<210> 18805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18805
Ser Leu Arg Ser His Ala Cys Pro Pro Gly
1 5 10

<210> 18806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18806
Gly Leu Arg Asn Arg Ile Cys Pro Leu Ser
1 5 10

<210> 18807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18807
Arg Asn Arg Ile Cys Pro Leu Ser Leu Arg
1 5 10

<210> 18808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18808
Ser Leu Arg Ser His Pro Cys Pro Leu Gly
1 5 10

<210> 18809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18809
Lys Ser Pro Leu Arg Ser Gln Ala Asn Ala
1 5 10

<210> 18810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18810
Met Ser Pro His Leu Arg Tyr Arg Ala Tyr
1 5 10

<210> 18811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18811
Ser Pro Met Ser Pro His Leu Arg Tyr Arg
1 5 10

<210> 18812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18812
Cys Leu Trp Cys His Ala Cys Leu His Arg
1 5 10

<210> 18813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18813
Cys Pro His Arg Leu Arg Ser Leu Pro Arg
1 5 10

<210> 18814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18814
His Pro Cys Cys His Tyr Leu Arg Ser Arg

1 5 10

<210> 18815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18815
His Ala Cys Pro Pro Gly Leu Arg Asn Arg
1 5 10

<210> 18816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18816
Leu Pro Cys Pro His Arg Leu Arg Ser Leu
1 5 10

<210> 18817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18817
Arg Pro Leu His Leu Arg Leu His Ala Ser
1 5 10

<210> 18818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18818
Ser Pro His His Leu Arg Thr Pro Pro His
1 5 10

<210> 18819

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18819
His Pro His His Leu Arg Thr His Leu Leu
1 5 10

<210> 18820
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18820
Leu Pro His His Arg Arg Thr Arg Ser Cys
1 5 10

<210> 18821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18821
Pro Pro Arg Leu Arg Ser Arg Thr Cys Leu
1 5 10

<210> 18822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18822
Ser Pro Leu Arg Ser Gln Ala Asn Ala Leu
1 5 10

<210> 18823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18823
Cys Pro Arg Ser Cys Arg Cys Pro His Leu
1 5 10

<210> 18824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18824
Tyr Leu Arg Ser Arg Asn Ser Ala Pro Gly
1 5 10

<210> 18825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18825
Tyr Leu Arg Arg Leu Arg Ser His Thr Cys
1 5 10

<210> 18826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18826
His Ala Tyr Ala Leu Cys Leu Arg Ser His
1 5 10

<210> 18827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18827
Leu Arg Tyr Arg Ala Tyr Pro Pro Cys Leu
1 5 10

<210> 18828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18828
Arg Ala Tyr Pro Pro Cys Leu Trp Cys His
1 5 10

<210> 18829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18829
His Arg Leu Arg Ser Leu Pro Arg Pro Leu
1 5 10

<210> 18830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18830
Leu Arg Ser Leu Pro Arg Pro Leu His Leu
1 5 10

<210> 18831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18831
Leu His Leu Arg Leu His Ala Ser Pro His
1 5 10

<210> 18832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18832
Leu Arg Leu His Ala Ser Pro His His Leu
1 5 10

<210> 18833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18833
Leu Arg Thr Pro Pro His Pro His His Leu
1 5 10

<210> 18834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18834
His His Leu Arg Thr His Leu Leu Pro His
1 5 10

<210> 18835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18835
Trp Arg Ser His Pro Cys Cys His Tyr Leu
1 5 10

<210> 18836
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18836
Cys His Tyr Leu Arg Ser Arg Asn Ser Ala
1 5 10

<210> 18837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18837
Leu Arg Ser His Thr Tyr Leu Arg Arg Leu
1 5 10

<210> 18838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18838
Leu Arg Ser His Thr Cys Pro Pro Ser Leu
1 5 10

<210> 18839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18839
Leu Arg Ser His Ala Tyr Ala Leu Cys Leu
1 5 10

<210> 18840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18840
Leu Arg Ser His Thr Cys Pro Pro Arg Leu
1 5 10

<210> 18841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18841
Leu Arg Asn Cys Thr Cys Pro Pro Arg Leu
1 5 10

<210> 18842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18842
Leu Arg Ser His Ala Cys Pro Pro Asn Leu
1 5 10

<210> 18843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18843
Leu Arg Asn His Thr Cys Pro Pro Ser Leu
1 5 10

<210> 18844
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18844
Leu Arg Ser His Ala Cys Pro Pro Gly Leu
1 5 10

<210> 18845
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18845
Leu Arg Asn Arg Ile Cys Pro Leu Ser Leu
1 5 10

<210> 18846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18846
Leu Ser Leu Arg Ser His Pro Cys Pro Leu
1 5 10

<210> 18847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18847
Leu Arg Ser Gln Ala Asn Ala Leu His Leu
1 5 10

<210> 18848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18848
Ser Gln Ala Asn Ala Leu His Leu Arg Ser
1 5 10

<210> 18849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18849
Leu His Leu Arg Ser Cys Pro Cys Ser Leu
1 5 10

<210> 18850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18850
Leu Arg Ser Cys Pro Cys Ser Leu Pro Leu
1 5 10

<210> 18851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18851
Leu Ser Leu Gly Asn His Leu Cys Pro Leu
1 5 10

<210> 18852
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18852
Cys Pro Pro Gly Leu Arg Ser His Thr Tyr
1 5 10

<210> 18853
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18853
Cys Pro Pro Ser Leu Arg Ser His Ala Tyr
1 5 10

<210> 18854
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18854
Arg Leu His Ala Ser Pro His His Leu
1 5

<210> 18855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18855
Ser Leu Arg Ser His Ala Tyr Ala Leu
1 5

<210> 18856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18856
Arg Leu Arg Asp His Ile Cys Pro Leu
1 5

<210> 18857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18857
Ser Leu Gly Asn His Leu Cys Pro Leu
1 5

<210> 18858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18858
Arg Leu Arg Ser Arg Thr Cys Leu Leu
1 5

<210> 18859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18859
Gly Leu Arg Asn Arg Ile Cys Pro Leu
1 5

<210> 18860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18860
Ser Leu Arg Ser His Pro Cys Pro Leu
1 5

<210> 18861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18861

His Leu Arg Ser Cys Pro Cys Ser Leu
1 5

<210> 18862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18862
His Leu Gly Ser His Pro Cys Arg Leu
1 5

<210> 18863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18863
His Leu Arg Thr His Leu Leu Pro His
1 5

<210> 18864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18864
Gly Leu Arg Ser His Thr Tyr Leu Arg
1 5

<210> 18865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18865
Arg Thr His Leu Leu Pro His His Arg
1 5

<210> 18866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18866
Ser Gln Ala Asn Ala Leu His Leu Arg
1 5

<210> 18867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18867
Arg Leu Arg Asn Leu Pro Cys Pro His
1 5

<210> 18868
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18868
Arg Leu Arg Ser Leu Pro Arg Pro Leu
1 5

<210> 18869
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18869
Arg Ser Leu Pro Arg Pro Leu His Leu
1 5

<210> 18870
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18870
His Leu Arg Leu His Ala Ser Pro His
1 5

<210> 18871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18871
His Leu Arg Thr Pro Pro His Pro His
1 5

<210> 18872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18872
Arg Thr Pro Pro His Pro His His Leu
1 5

<210> 18873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18873
Arg Thr Arg Ser Cys Pro Cys Arg Trp
1 5

<210> 18874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18874
Arg Trp Arg Ser His Pro Cys Cys His
1 5

<210> 18875
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18875
Arg Ser His Pro Cys Cys His Tyr Leu
1 5

<210> 18876
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18876
His Tyr Leu Arg Ser Arg Asn Ser Ala
1 5

<210> 18877
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18877
Arg Ser Arg Asn Ser Ala Pro Gly Pro
1 5

<210> 18878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18878
Arg Gly Arg Thr Cys His Pro Gly Leu

1 5

<210> 18879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18879
Arg Ser Arg Thr Cys Pro Pro Gly Leu
1 5

<210> 18880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18880
Arg Ser His Thr Tyr Leu Arg Arg Leu
1 5

<210> 18881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18881
His Thr Tyr Leu Arg Arg Leu Arg Ser
1 5

<210> 18882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18882
Arg Leu Arg Ser His Thr Cys Pro Pro
1 5

<210> 18883

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18883
Arg Ser His Thr Cys Pro Pro Ser Leu
1 5

<210> 18884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18884
Arg Ser His Ala Tyr Ala Leu Cys Leu
1 5

<210> 18885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18885
Arg Ser His Thr Cys Pro Pro Arg Leu
1 5

<210> 18886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18886
Arg Ser Arg Thr Cys Leu Leu Cys Leu
1 5

<210> 18887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18887
Arg Ser His Ala Cys Pro Pro Asn Leu
1 5

<210> 18888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18888
Arg Asn His Thr Cys Pro Pro Ser Leu
1 5

<210> 18889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18889
Arg Ser His Ala Cys Pro Pro Gly Leu
1 5

<210> 18890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18890
Arg Asn Arg Ile Cys Pro Leu Ser Leu
1 5

<210> 18891
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18891
Arg Ser His Pro Cys Pro Leu Gly Leu
1 5

<210> 18892
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18892
Arg Ser Gln Ala Asn Ala Leu His Leu
1 5

<210> 18893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18893
Arg Ser Cys Pro Cys Ser Leu Pro Leu
1 5

<210> 18894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18894
Ser Leu Pro Leu Gly Asn His Pro Tyr
1 5

<210> 18895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18895
Asn Leu Pro Cys Pro His Arg Leu Arg
1 5

<210> 18896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18896
Ser Leu Pro Arg Pro Leu His Leu Arg
1 5

<210> 18897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18897
Leu Leu Pro His His Arg Arg Thr Arg
1 5

<210> 18898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18898
Ser His Ala Tyr Ala Leu Cys Leu Arg
1 5

<210> 18899
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18899
Asp His Ile Cys Pro Leu Ser Leu Arg
1 5

<210> 18900
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18900
Glu Val Ser Arg Leu Ser Pro Cys Leu
1 5

<210> 18901
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18901
Leu Pro Arg Pro Leu His Leu Arg Leu
1 5

<210> 18902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18902
Arg Pro Leu His Leu Arg Leu His Ala
1 5

<210> 18903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18903
Ser Pro His His Leu Arg Thr Pro Pro
1 5

<210> 18904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18904
His Pro His His Leu Arg Thr His Leu
1 5

<210> 18905
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18905
Leu Pro His His Arg Arg Thr Arg Ser
1 5

<210> 18906
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18906
Ala Pro Gly Pro Arg Gly Arg Thr Cys
1 5

<210> 18907
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18907
Cys Pro Leu Gly Leu Lys Ser Pro Leu
1 5

<210> 18908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18908
Leu Pro Leu Gly Asn His Pro Tyr Leu
1 5

<210> 18909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18909
Cys Pro Arg Ser Cys Arg Cys Pro His
1 5

<210> 18910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18910
Cys Pro His Leu Gly Ser His Pro Cys
1 5

<210> 18911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18911
Tyr Leu Arg Ser Arg Asn Ser Ala Pro
1 5

<210> 18912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18912
Asn Leu Arg Asn His Thr Cys Pro Pro
1 5

<210> 18913
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18913
Val Ser Arg Leu Ser Pro Cys Leu Trp
1 5

<210> 18914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18914
Trp Arg Ser His Pro Cys Cys His Tyr
1 5

<210> 18915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18915
Arg Asp His Ile Cys Pro Leu Ser Leu
1 5

<210> 18916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18916
Leu Glu Ser Gln Pro Cys Leu Ser Leu
1 5

<210> 18917
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18917
Pro Pro Ser Leu Arg Ser His Ala Tyr
1 5

<210> 18918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18918
Cys Pro Pro Arg Leu Arg Asp His Ile
1 5

<210> 18919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18919
Cys Pro Pro Gly Leu Arg Asn Arg Ile
1 5

<210> 18920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18920
Cys Ser Leu Pro Leu Gly Asn His Pro Tyr
1 5 10

<210> 18921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18921
Arg Leu Ser Pro Cys Leu Trp Cys His Ala
1 5 10

<210> 18922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18922
Ser Leu Pro Leu Gly Asn His Pro Tyr Leu
1 5 10

<210> 18923
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18923
Ser Leu Pro Arg Pro Leu His Leu Arg Leu
1 5 10

<210> 18924
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18924
Gly Leu Lys Ser Pro Leu Arg Ser Gln Ala
1 5 10

<210> 18925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18925

Tyr Leu Pro Cys Leu Glu Ser Gln Pro Cys
1 5 10

<210> 18926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18926
Arg Leu Arg Asn Leu Pro Cys Pro His Arg
1 5 10

<210> 18927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18927
Arg Leu Arg Ser Leu Pro Arg Pro Leu His
1 5 10

<210> 18928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18928
Arg Leu His Ala Ser Pro His His Leu Arg
1 5 10

<210> 18929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18929
Gly Leu Arg Ser His Thr Tyr Leu Arg Arg
1 5 10

<210> 18930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18930
Arg Ser His Ala Tyr Ala Leu Cys Leu Arg
1 5 10

<210> 18931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18931
Cys Leu Arg Ser His Thr Cys Pro Pro Arg
1 5 10

<210> 18932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18932
Ser Leu Arg Asn Cys Thr Cys Pro Pro Arg
1 5 10

<210> 18933
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18933
Arg Ser Arg Thr Cys Leu Leu Cys Leu Arg
1 5 10

<210> 18934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18934
Arg Ser His Pro Cys Pro Leu Gly Leu Lys
1 5 10

<210> 18935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18935
Arg Ser Leu Pro Arg Pro Leu His Leu Arg
1 5 10

<210> 18936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18936
Arg Thr His Leu Leu Pro His His Arg Arg
1 5 10

<210> 18937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18937
Arg Ser His Pro Cys Cys His Tyr Leu Arg
1 5 10

<210> 18938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 18938
Arg Thr Cys His Pro Gly Leu Arg Ser Arg
1 5 10

<210> 18939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18939
Arg Ser His Thr Cys Pro Pro Ser Leu Arg
1 5 10

<210> 18940
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18940
Arg Ser His Thr Cys Pro Pro Arg Leu Arg
1 5 10

<210> 18941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18941
Cys Thr Cys Pro Pro Arg Leu Arg Ser Arg
1 5 10

<210> 18942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18942
Arg Ser His Ala Cys Pro Pro Asn Leu Arg

1 5 10

<210> 18943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18943
Arg Ser His Ala Cys Pro Pro Gly Leu Arg
1 5 10

<210> 18944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18944
Arg Ser Gln Ala Asn Ala Leu His Leu Arg
1 5 10

<210> 18945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18945
Leu Trp Cys His Ala Cys Leu His Arg Leu
1 5 10

<210> 18946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18946
Arg Asn Leu Pro Cys Pro His Arg Leu Arg
1 5 10

<210> 18947

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18947
His Leu Arg Leu His Ala Ser Pro His His
1 5 10

<210> 18948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18948
His Leu Arg Thr Pro Pro His Pro His His
1 5 10

<210> 18949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18949
Arg Thr Pro Pro His Pro His His Leu Arg
1 5 10

<210> 18950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18950
His Leu Arg Thr His Leu Leu Pro His His
1 5 10

<210> 18951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18951
His Leu Leu Pro His His Arg Arg Thr Arg
1 5 10

<210> 18952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18952
Arg Thr Arg Ser Cys Pro Cys Arg Trp Arg
1 5 10

<210> 18953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18953
Arg Ser Cys Pro Cys Arg Trp Arg Ser His
1 5 10

<210> 18954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18954
Arg Trp Arg Ser His Pro Cys Cys His Tyr
1 5 10

<210> 18955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18955
Arg Ser Arg Asn Ser Ala Pro Gly Pro Arg
1 5 10

<210> 18956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18956
Arg Gly Arg Thr Cys His Pro Gly Leu Arg
1 5 10

<210> 18957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18957
Gly Leu Arg Ser Arg Thr Cys Pro Pro Gly
1 5 10

<210> 18958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18958
Arg Ser Arg Thr Cys Pro Pro Gly Leu Arg
1 5 10

<210> 18959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18959
Arg Ser His Thr Tyr Leu Arg Arg Leu Arg
1 5 10

<210> 18960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18960
His Thr Tyr Leu Arg Arg Leu Arg Ser His
1 5 10

<210> 18961
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18961
Arg Leu Arg Ser His Thr Cys Pro Pro Ser
1 5 10

<210> 18962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18962
Ser Leu Arg Ser His Ala Tyr Ala Leu Cys
1 5 10

<210> 18963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18963
Arg Leu Arg Asp His Ile Cys Pro Leu Ser
1 5 10

<210> 18964
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18964
Arg Leu Arg Ser Arg Thr Cys Leu Leu Cys
1 5 10

<210> 18965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18965
Arg Asn His Thr Cys Pro Pro Ser Leu Arg
1 5 10

<210> 18966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18966
Ser Leu Arg Ser His Ala Cys Pro Pro Gly
1 5 10

<210> 18967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18967
Gly Leu Arg Asn Arg Ile Cys Pro Leu Ser
1 5 10

<210> 18968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18968
Arg Asn Arg Ile Cys Pro Leu Ser Leu Arg
1 5 10

<210> 18969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18969
Ser Leu Arg Ser His Pro Cys Pro Leu Gly
1 5 10

<210> 18970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18970
Lys Ser Pro Leu Arg Ser Gln Ala Asn Ala
1 5 10

<210> 18971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18971
Cys Leu Trp Cys His Ala Cys Leu His Arg
1 5 10

<210> 18972
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18972
Cys Pro His Arg Leu Arg Ser Leu Pro Arg
1 5 10

<210> 18973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18973
His Pro Cys Cys His Tyr Leu Arg Ser Arg
1 5 10

<210> 18974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18974
His Ala Cys Pro Pro Gly Leu Arg Asn Arg
1 5 10

<210> 18975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18975
Leu Pro Cys Pro His Arg Leu Arg Ser Leu
1 5 10

<210> 18976
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18976
Arg Pro Leu His Leu Arg Leu His Ala Ser
1 5 10

<210> 18977
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18977
Ser Pro His His Leu Arg Thr Pro Pro His
1 5 10

<210> 18978
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18978
His Pro His His Leu Arg Thr His Leu Leu
1 5 10

<210> 18979
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18979
Leu Pro His His Arg Arg Thr Arg Ser Cys
1 5 10

<210> 18980
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18980
Pro Pro Arg Leu Arg Ser Arg Thr Cys Leu
1 5 10

<210> 18981
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18981
Ser Pro Leu Arg Ser Gln Ala Asn Ala Leu
1 5 10

<210> 18982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18982
Cys Pro Arg Ser Cys Arg Cys Pro His Leu
1 5 10

<210> 18983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18983
Tyr Leu Arg Ser Arg Asn Ser Ala Pro Gly
1 5 10

<210> 18984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18984
Tyr Leu Arg Arg Leu Arg Ser His Thr Cys
1 5 10

<210> 18985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18985
His Ala Tyr Ala Leu Cys Leu Arg Ser His
1 5 10

<210> 18986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18986
His Arg Leu Arg Ser Leu Pro Arg Pro Leu
1 5 10

<210> 18987
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18987
Leu Arg Ser Leu Pro Arg Pro Leu His Leu
1 5 10

<210> 18988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18988
Leu His Leu Arg Leu His Ala Ser Pro His
1 5 10

<210> 18989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18989

Leu Arg Leu His Ala Ser Pro His His Leu
1 5 10

<210> 18990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18990
Leu Arg Thr Pro Pro His Pro His His Leu
1 5 10

<210> 18991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18991
His His Leu Arg Thr His Leu Leu Pro His
1 5 10

<210> 18992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18992
Trp Arg Ser His Pro Cys Cys His Tyr Leu
1 5 10

<210> 18993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18993
Cys His Tyr Leu Arg Ser Arg Asn Ser Ala
1 5 10

<210> 18994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18994
Leu Arg Ser His Thr Tyr Leu Arg Arg Leu
1 5 10

<210> 18995
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18995
Leu Arg Ser His Thr Cys Pro Pro Ser Leu
1 5 10

<210> 18996
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18996
Leu Arg Ser His Ala Tyr Ala Leu Cys Leu
1 5 10

<210> 18997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 18997
Leu Arg Ser His Thr Cys Pro Pro Arg Leu
1 5 10

<210> 18998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18998
Leu Arg Asn Cys Thr Cys Pro Pro Arg Leu
1 5 10

<210> 18999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 18999
Leu Arg Ser His Ala Cys Pro Pro Asn Leu
1 5 10

<210> 19000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19000
Leu Arg Asn His Thr Cys Pro Pro Ser Leu
1 5 10

<210> 19001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19001
Leu Arg Ser His Ala Cys Pro Pro Gly Leu
1 5 10

<210> 19002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19002
Leu Arg Asn Arg Ile Cys Pro Leu Ser Leu
1 5 10

<210> 19003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19003
Leu Ser Leu Arg Ser His Pro Cys Pro Leu
1 5 10

<210> 19004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19004
Leu Arg Ser Gln Ala Asn Ala Leu His Leu
1 5 10

<210> 19005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19005
Ser Gln Ala Asn Ala Leu His Leu Arg Ser
1 5 10

<210> 19006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19006
Leu His Leu Arg Ser Cys Pro Cys Ser Leu

1 5 10

<210> 19007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19007
Leu Arg Ser Cys Pro Cys Ser Leu Pro Leu
1 5 10

<210> 19008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19008
Leu Ser Leu Gly Asn His Leu Cys Pro Leu
1 5 10

<210> 19009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19009
Cys Pro Pro Gly Leu Arg Ser His Thr Tyr
1 5 10

<210> 19010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19010
Cys Pro Pro Ser Leu Arg Ser His Ala Tyr
1 5 10

<210> 19011

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19011
Arg Leu Trp His Leu Leu Leu Gln Val
1 5

<210> 19012
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19012
Ala Leu Ala Pro Thr Leu Thr His Met
1 5

<210> 19013
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19013
Leu Gln Val Thr Gln Thr Ser Phe Ala
1 5

<210> 19014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19014
Val Thr Gln Thr Ser Phe Ala Leu Ala
1 5

<210> 19015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19015
Gln Val Thr Gln Thr Ser Phe Ala Leu
1 5

<210> 19016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19016
Gln Thr Ser Phe Ala Leu Ala Pro Thr
1 5

<210> 19017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19017
Leu Pro Arg Leu Trp His Leu Leu Leu
1 5

<210> 19018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19018
Leu Leu Gln Val Thr Gln Thr Ser Phe
1 5

<210> 19019
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19019
Gly Leu Arg Pro Gln Glu Pro Pro Leu
1 5

<210> 19020
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19020
Thr Gln Thr Ser Phe Ala Leu Ala Pro
1 5

<210> 19021
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19021
Thr Ser Phe Ala Leu Ala Pro Thr Leu
1 5

<210> 19022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19022
Phe Ala Leu Ala Pro Thr Leu Thr His
1 5

<210> 19023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19023
Arg Leu Trp His Leu Leu Leu Gln Val Thr
1 5 10

<210> 19024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19024
Ala Leu Ala Pro Thr Leu Thr His Met Leu
1 5 10

<210> 19025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19025
Leu Leu Gln Val Thr Gln Thr Ser Phe Ala
1 5 10

<210> 19026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19026
Leu Gln Val Thr Gln Thr Ser Phe Ala Leu
1 5 10

<210> 19027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19027
Leu Leu Leu Gln Val Thr Gln Thr Ser Phe
1 5 10

<210> 19028
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19028
Gln Val Thr Gln Thr Ser Phe Ala Leu Ala
1 5 10

<210> 19029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19029
Gln Thr Ser Phe Ala Leu Ala Pro Thr Leu
1 5 10

<210> 19030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19030
Arg Pro Gln Glu Pro Pro Leu Pro Arg Leu
1 5 10

<210> 19031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19031
Phe Ala Leu Ala Pro Thr Leu Thr His Met
1 5 10

<210> 19032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19032
Thr Gln Thr Ser Phe Ala Leu Ala Pro Thr
1 5 10

<210> 19033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19033
Leu Leu Asp Lys Phe Phe Cys Thr Thr
1 5

<210> 19034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19034
Ser Pro Gly Asp Leu Leu Asp Lys Phe
1 5

<210> 19035
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19035
Ser Pro Gly Asp Leu Leu Asp Lys Phe Phe
1 5 10

<210> 19036
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19036
Lys Cys Lys Gln Ser Gly Glu Asp Ser Lys
1 5 10

<210> 19037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19037
Phe Leu Arg Thr Lys Leu Cys Phe Ala
1 5

<210> 19038
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19038
Ala Ile Lys Ala Gln Cys Met Phe Leu
1 5

<210> 19039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19039
Ala Gln Cys Met Phe Leu Arg Thr Lys
1 5

<210> 19040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19040
Met Phe Leu Arg Thr Lys Leu Cys Phe
1 5

<210> 19041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19041
Arg Thr Lys Leu Cys Phe Ala Pro Cys
1 5

<210> 19042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19042
Cys Phe Ala Pro Cys Thr Asn Gln Arg
1 5

<210> 19043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19043
Ala Ile Lys Ala Gln Cys Met Phe Leu Arg
1 5 10

<210> 19044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19044
Lys Ala Gln Cys Met Phe Leu Arg Thr Lys
1 5 10

<210> 19045
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19045
Cys Thr Asn Gln Arg Glu Phe Met Ser Lys
1 5 10

<210> 19046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19046
Cys Met Phe Leu Arg Thr Lys Leu Cys Phe
1 5 10

<210> 19047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19047
Arg Thr Lys Leu Cys Phe Ala Pro Cys Thr
1 5 10

<210> 19048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19048
Phe Leu Arg Thr Lys Leu Cys Phe Ala Pro
1 5 10

<210> 19049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19049
Ala Gln Cys Met Phe Leu Arg Thr Lys Leu
1 5 10

<210> 19050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19050
Phe Ala Pro Cys Thr Asn Gln Arg Glu Phe
1 5 10

<210> 19051
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19051
Leu Pro Tyr Ala Asp His Asn Cys Gly Ala
1 5 10

<210> 19052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19052
Ser Thr Ala Arg Val His Thr Leu Arg
1 5

<210> 19053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19053

Arg Val His Thr Leu Arg Gln Thr Ser
1 5

<210> 19054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19054
Gly Met Val Ser Thr Ala Arg Val His
1 5

<210> 19055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19055
Val Ser Thr Ala Arg Val His Thr Leu
1 5

<210> 19056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19056
Met Val Ser Thr Ala Arg Val His Thr Leu
1 5 10

<210> 19057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19057
Val Ser Thr Ala Arg Val His Thr Leu Arg
1 5 10

<210> 19058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19058
Arg Val His Thr Leu Arg Gln Thr Ser Leu
1 5 10

<210> 19059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19059
Ser Phe Asn Gly Met Val Ser Thr Ala Arg
1 5 10

<210> 19060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19060
Cys Ile Ser Ala Arg Ser Gly Glu Gly Ile
1 5 10

<210> 19061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19061
Lys Ser Glu Lys Cys Arg Ser Ser Leu
1 5

<210> 19062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19062
Lys Cys Arg Ser Ser Leu Asp Trp Arg
1 5

<210> 19063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19063
Lys Lys Ser Glu Lys Cys Arg Ser Ser Leu
1 5 10

<210> 19064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19064
Ser Glu Lys Cys Arg Ser Ser Leu Asp Trp
1 5 10

<210> 19065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19065
His Leu Ser Ile Asn Leu Phe Ser Leu
1 5

<210> 19066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19066
Asn Leu Phe Ser Leu Asn Lys Thr Leu
1 5

<210> 19067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19067
Ser Ile Asn Leu Phe Ser Leu Asn Lys
1 5

<210> 19068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19068
Ser Ile His Leu Ser Ile Asn Leu Phe
1 5

<210> 19069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19069
Lys Ser Ile His Leu Ser Ile Asn Leu
1 5

<210> 19070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19070
Leu Ser Ile Asn Leu Phe Ser Leu Asn Lys

1 5 10

<210> 19071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19071
Lys Ser Ile His Leu Ser Ile Asn Leu Phe
1 5 10

<210> 19072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19072
Ala Lys Ser Ile His Leu Ser Ile Asn Leu
1 5 10

<210> 19073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19073
Ile His Leu Ser Ile Asn Leu Phe Ser Leu
1 5 10

<210> 19074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19074
Ser Leu Pro Lys Lys Ile Asn Ser Leu
1 5

<210> 19075

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19075
Ser Leu Lys Lys Pro Thr Val Asn Leu
1 5

<210> 19076
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19076
Lys Ser Leu Pro Lys Lys Ile Asn Ser
1 5

<210> 19077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19077
Leu Pro Lys Lys Ile Asn Ser Leu Lys
1 5

<210> 19078
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19078
Ser Leu Pro Lys Lys Ile Asn Ser Leu Lys
1 5 10

<210> 19079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19079
Lys Ser Leu Pro Lys Lys Ile Asn Ser Leu
1 5 10

<210> 19080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19080
Lys Ile Asn Ser Leu Lys Lys Pro Thr Val
1 5 10

<210> 19081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19081
Ala Leu Ala Lys Pro Leu Asn Asp Lys
1 5

<210> 19082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19082
Leu Ala Lys Pro Leu Asn Asp Lys Lys
1 5

<210> 19083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19083
Arg Ala Leu Ala Lys Pro Leu Asn Asp Lys
1 5 10

<210> 19084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19084
Ala Leu Ala Lys Pro Leu Asn Asp Lys Lys
1 5 10

<210> 19085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19085
Arg Cys Ala Leu Trp Asn Gly Ser Met
1 5

<210> 19086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19086
Gly Met Tyr Leu Met His Ala Pro Leu
1 5

<210> 19087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19087
Tyr Leu Met His Ala Pro Leu Asp Leu
1 5

<210> 19088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19088
Phe Gly Met Tyr Leu Met His Ala Pro Leu
1 5 10

<210> 19089
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19089
Tyr Leu Met His Ala Pro Leu Asp Leu Ser
1 5 10

<210> 19090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19090
Met Tyr Leu Met His Ala Pro Leu Asp Leu
1 5 10

<210> 19091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19091
Ala Pro Leu Asp Leu Ser Ser Pro Cys Phe
1 5 10

<210> 19092
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19092
Leu Met His Ala Pro Leu Asp Leu Ser Ser
1 5 10

<210> 19093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19093
Leu Glu Thr Lys Leu Pro Leu Ser Pro His
1 5 10

<210> 19094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19094
His Gln Val Leu Asp Tyr Met Glu Val
1 5

<210> 19095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19095
Gly Leu Phe Pro His Leu Ala Gly Gln
1 5

<210> 19096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19096
Asp Tyr Met Glu Val His Glu Gly Leu
1 5

<210> 19097
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19097
Lys Pro Arg Gln Gly Gly Pro Ala His
1 5

<210> 19098
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19098
Gly Pro Ala His Pro Gly His Gln Val
1 5

<210> 19099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19099
Arg Gln Gly Gly Pro Ala His Pro Gly
1 5

<210> 19100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19100
Tyr Met Glu Val His Glu Gly Leu Phe
1 5

<210> 19101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19101
His Pro Gly His Gln Val Leu Asp Tyr
1 5

<210> 19102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19102
Glu Val His Glu Gly Leu Phe Pro His
1 5

<210> 19103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19103
His Glu Gly Leu Phe Pro His Leu Ala
1 5

<210> 19104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19104
Asp Tyr Met Glu Val His Glu Gly Leu Phe
1 5 10

<210> 19105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19105
Glu Val His Glu Gly Leu Phe Pro His Leu
1 5 10

<210> 19106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19106
Gly Pro Ala His Pro Gly His Gln Val Leu
1 5 10

<210> 19107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19107
Arg Gln Gly Gly Pro Ala His Pro Gly His
1 5 10

<210> 19108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19108
Ala His Pro Gly His Gln Val Leu Asp Tyr
1 5 10

<210> 19109
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19109
His Gln Val Leu Asp Tyr Met Glu Val His
1 5 10

<210> 19110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19110
Leu Asp Tyr Met Glu Val His Glu Gly Leu
1 5 10

<210> 19111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19111
Met Glu Val His Glu Gly Leu Phe Pro His
1 5 10

<210> 19112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19112
His Pro Gly His Gln Val Leu Asp Tyr Met
1 5 10

<210> 19113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19113
Ser Met Arg Ile Gly Lys Tyr Phe Ile
1 5

<210> 19114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19114
Arg Ile Gly Lys Tyr Phe Ile Leu Phe
1 5

<210> 19115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19115
Lys Tyr Phe Ile Leu Phe Thr Lys Lys
1 5

<210> 19116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19116
Ser Gly Ser Met Arg Ile Gly Lys Tyr
1 5

<210> 19117
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19117

Met Arg Ile Gly Lys Tyr Phe Ile Leu
1 5

<210> 19118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19118
Gly Ser Met Arg Ile Gly Lys Tyr Phe
1 5

<210> 19119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19119
Ile Gly Lys Tyr Phe Ile Leu Phe Thr Lys
1 5 10

<210> 19120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19120
Met Arg Ile Gly Lys Tyr Phe Ile Leu Phe
1 5 10

<210> 19121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19121
Gly Ser Met Arg Ile Gly Lys Tyr Phe Ile
1 5 10

<210> 19122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19122
Ser Met Arg Ile Gly Lys Tyr Phe Ile Leu
1 5 10

<210> 19123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19123
Lys Ser Gly Ser Met Arg Ile Gly Lys Tyr
1 5 10

<210> 19124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19124
Ser Gly Ser Met Arg Ile Gly Lys Tyr Phe
1 5 10

<210> 19125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19125
Val Glu Val His Val Asn Arg Glu Trp
1 5

<210> 19126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19126
His Val Asn Arg Glu Trp Tyr Thr Gly Arg
1 5 10

<210> 19127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19127
Val Glu Val His Val Asn Arg Glu Trp Tyr
1 5 10

<210> 19128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19128
Ser Ala Lys Glu Asp Ser Phe Ile Tyr
1 5

<210> 19129
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19129
Lys Glu Asp Ser Phe Ile Tyr Pro Pro
1 5

<210> 19130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19130
Val Ser Ala Lys Glu Asp Ser Phe Ile Tyr
1 5 10

<210> 19131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19131
Tyr Val Ser Ala Lys Glu Asp Ser Phe Ile
1 5 10

<210> 19132
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19132
Gly Glu Lys Arg Thr Ala Pro Ser Leu
1 5

<210> 19133
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19133
Phe Thr Asn Glu Ala Pro Gln Leu Leu
1 5

<210> 19134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19134
Gln Leu Leu Ser Gln Thr Pro Arg Leu

1 5

<210> 19135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19135
Ser Gln Thr Pro Arg Leu Pro Pro Cys
1 5

<210> 19136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19136
Arg Asp Phe Thr Asn Glu Ala Pro Gln Leu
1 5 10

<210> 19137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19137
Ser Gln Thr Pro Arg Leu Pro Pro Cys Leu
1 5 10

<210> 19138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19138
Cys Leu His Thr Glu Glu Pro Ser His Trp
1 5 10

<210> 19139

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19139
Asn Glu Ala Pro Gln Leu Leu Ser Gln Thr
1 5 10

<210> 19140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19140
Val Pro Glu Phe Ile Leu Val Gly Tyr
1 5

<210> 19141
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19141
Gly Val Pro Glu Phe Ile Leu Val Gly Tyr
1 5 10

<210> 19142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19142
Val Pro Glu Phe Ile Leu Val Gly Tyr Val
1 5 10

<210> 19143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19143
Ile Leu Lys Lys Phe Pro His Leu Ala
1 5

<210> 19144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19144
Arg Lys Lys Ala Lys Ile Ile Leu Lys
1 5

<210> 19145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19145
Ile Ile Leu Lys Lys Phe Pro His Leu
1 5

<210> 19146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19146
Lys Ala Lys Ile Ile Leu Lys Lys Phe
1 5

<210> 19147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19147
Arg Lys Lys Ala Lys Ile Ile Leu Lys Lys
1 5 10

<210> 19148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19148
Lys Ile Ile Leu Lys Lys Phe Pro His Leu
1 5 10

<210> 19149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19149
Leu Glu Arg Lys Lys Ala Lys Ile Ile Leu
1 5 10

<210> 19150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19150
Lys Lys Ala Lys Ile Ile Leu Lys Lys Phe
1 5 10

<210> 19151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19151
Arg Glu Glu Glu Glu Lys Lys Gln Leu
1 5

<210> 19152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19152
Ile Ser Met Tyr Ile Gly Tyr Thr Ile
1 5

<210> 19153
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19153
Thr Tyr Gly Ser Asn Pro Ile Ser Met
1 5

<210> 19154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19154
Ser Met Tyr Ile Gly Tyr Thr Ile Trp
1 5

<210> 19155
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19155
Met Tyr Ile Gly Tyr Thr Ile Trp Gly
1 5

<210> 19156
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19156
Tyr Gly Ser Asn Pro Ile Ser Met Tyr
1 5

<210> 19157
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19157
Asn Pro Ile Ser Met Tyr Ile Gly Tyr
1 5

<210> 19158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19158
Ile Ser Met Tyr Ile Gly Tyr Thr Ile Trp
1 5 10

<210> 19159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19159
Met Tyr Ile Gly Tyr Thr Ile Trp Gly Ser
1 5 10

<210> 19160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19160
Thr Tyr Gly Ser Asn Pro Ile Ser Met Tyr
1 5 10

<210> 19161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19161
Asn Thr Tyr Gly Ser Asn Pro Ile Ser Met
1 5 10

<210> 19162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19162
Asn Leu Met Thr Ser Ala Val Pro Val
1 5

<210> 19163
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19163
Leu Met Thr Ser Ala Val Pro Val Ala
1 5

<210> 19164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19164
Asn Leu Met Thr Ser Ala Val Pro Val Ala
1 5 10

<210> 19165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19165
Met Asn Leu Met Thr Ser Ala Val Pro Val
1 5 10

<210> 19166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19166
Ile Ile Leu Glu Asn Ile Lys Thr Val
1 5

<210> 19167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19167
Arg Phe Gly Ile Ile Leu Glu Asn Ile
1 5

<210> 19168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19168
Gly Ile Ile Leu Glu Asn Ile Lys Thr Val
1 5 10

<210> 19169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19169
Arg Phe Gly Ile Ile Leu Glu Asn Ile Lys
1 5 10

<210> 19170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19170
Lys Arg Phe Gly Ile Ile Leu Glu Asn Ile
1 5 10

<210> 19171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19171
Lys Thr Asn Ser Ser Thr Phe Met Lys
1 5

<210> 19172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19172
Ile Lys Thr Asn Ser Ser Thr Phe Met
1 5

<210> 19173
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19173
Phe Ser Asp Ala Arg His Cys Ser Arg
1 5

<210> 19174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19174
Asp Ala Arg His Cys Ser Arg Phe Arg
1 5

<210> 19175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19175
Gly Gln Phe Ser Asp Ala Arg His Cys
1 5

<210> 19176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19176
Ser Asp Ala Arg His Cys Ser Arg Phe
1 5

<210> 19177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19177
Phe Ser Asp Ala Arg His Cys Ser Arg Phe
1 5 10

<210> 19178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19178
Lys Phe Phe Ile Gly Gln Phe Ser Asp Ala
1 5 10

<210> 19179
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19179
Phe Phe Ile Gly Gln Phe Ser Asp Ala Arg
1 5 10

<210> 19180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19180
Gln Phe Ser Asp Ala Arg His Cys Ser Arg
1 5 10

<210> 19181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19181

Gly Gln Phe Ser Asp Ala Arg His Cys Ser
1 5 10

<210> 19182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19182
Ala Arg His Cys Ser Arg Phe Arg Thr Leu
1 5 10

<210> 19183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19183
Leu Leu Pro Glu Asp Thr Pro Pro Leu
1 5

<210> 19184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19184
Leu Pro Glu Asp Thr Pro Pro Leu Leu
1 5

<210> 19185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19185
Ile Leu Leu Pro Glu Asp Thr Pro Pro Leu
1 5 10

<210> 19186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19186
Leu Leu Pro Glu Asp Thr Pro Pro Leu Leu
1 5 10

<210> 19187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19187
Gly Ser His His Pro Cys Ile Thr Lys
1 5

<210> 19188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19188
Lys Gly Ser His His Pro Cys Ile Thr Lys
1 5 10

<210> 19189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19189
Glu Leu Lys Gly Ser His His Pro Cys Ile
1 5 10

<210> 19190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19190
Ser His His Pro Cys Ile Thr Lys Thr Phe
1 5 10

<210> 19191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19191
Leu Glu Leu Lys Gly Ser His His Pro Cys
1 5 10

<210> 19192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19192
Gln Leu Ser Pro Pro Arg Ala His Arg
1 5

<210> 19193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19193
Ser Pro Pro Arg Ala His Arg His Leu
1 5

<210> 19194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19194
Thr Gln Leu Ser Pro Pro Arg Ala His
1 5

<210> 19195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19195
Pro Pro Arg Ala His Arg His Leu Pro Val
1 5 10

<210> 19196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19196
Gly Trp Ile Gly Trp Ile Ser Gly Val
1 5

<210> 19197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19197
Trp Ile Ser Gly Val Pro Ser Cys Ala
1 5

<210> 19198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19198
Arg Thr Gln Met Gly Ile Ala Met Gly

1 5

<210> 19199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19199
Gln Thr Arg Cys Ser Leu Arg Ser Val
1 5

<210> 19200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19200
Arg Cys Ser Leu Arg Ser Val Ala Arg
1 5

<210> 19201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19201
Ala Ile Arg Ala Thr His Pro Gly Gln
1 5

<210> 19202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19202
His Gln Ser Trp Thr Pro Gln Thr Arg
1 5

<210> 19203

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19203
His Pro Gly Gln Ser Ala Cys Gly Ile
1 5

<210> 19204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19204
Glu Glu Asn Phe Cys Arg Thr Gln Met
1 5

<210> 19205
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19205
Cys Arg Thr Gln Met Gly Ile Ala Met
1 5

<210> 19206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19206
Ser Leu Arg Ser Val Ala Arg Gly Trp
1 5

<210> 19207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19207
Ile Ser Gly Val Pro Ser Cys Ala Trp
1 5

<210> 19208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19208
Arg Ala Thr His Pro Gly Gln Ser Ala
1 5

<210> 19209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19209
Ser Leu Arg Ser Val Ala Arg Gly Trp Ile
1 5 10

<210> 19210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19210
Ser Val Ala Arg Gly Trp Ile Gly Trp Ile
1 5 10

<210> 19211
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19211
Gln Thr Arg Cys Ser Leu Arg Ser Val Ala
1 5 10

<210> 19212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19212
Arg Gly Trp Ile Gly Trp Ile Ser Gly Val
1 5 10

<210> 19213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19213
Ala Ile Arg Ala Thr His Pro Gly Gln Ser
1 5 10

<210> 19214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19214
Trp Thr Pro Gln Thr Arg Cys Ser Leu Arg
1 5 10

<210> 19215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19215
Val Pro Ser Cys Ala Trp Leu Gly Ala Ile
1 5 10

<210> 19216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19216
Phe Cys Arg Thr Gln Met Gly Ile Ala Met
1 5 10

<210> 19217
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19217
Leu Glu Glu Asn Phe Cys Arg Thr Gln Met
1 5 10

<210> 19218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19218
Cys Ser Leu Arg Ser Val Ala Arg Gly Trp
1 5 10

<210> 19219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19219
Arg Ser Val Ala Arg Gly Trp Ile Gly Trp
1 5 10

<210> 19220
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19220
Trp Ile Ser Gly Val Pro Ser Cys Ala Trp
1 5 10

<210> 19221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19221
Val Thr Val Ala His Val Gly Thr Met
1 5

<210> 19222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19222
Arg Leu Asp Asn Val Thr Val Ala His Val
1 5 10

<210> 19223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19223
His Leu Glu Gly Glu Gly Leu Lys Met
1 5

<210> 19224
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19224
Leu Lys Met Ser Phe Leu Pro Thr Val
1 5

<210> 19225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19225
Gly Glu Gly Leu Lys Met Ser Phe Leu
1 5

<210> 19226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19226
Gly Leu Lys Met Ser Phe Leu Pro Thr Val
1 5 10

<210> 19227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19227
Leu Glu Gly Glu Gly Leu Lys Met Ser Phe
1 5 10

<210> 19228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19228
Arg Leu Cys Pro Glu Leu Val Arg Val
1 5

<210> 19229
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19229
Arg Leu Arg Leu Cys Pro Glu Leu Val
1 5

<210> 19230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19230
Arg Ala Gly Gly Met Trp Pro Pro Arg
1 5

<210> 19231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19231
Met Trp Pro Pro Arg Pro Pro Asp Leu
1 5

<210> 19232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19232
Val Leu Arg Gly His Pro Arg Leu Arg
1 5

<210> 19233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19233
Arg Gly His Pro Arg Leu Arg Leu Cys
1 5

<210> 19234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19234
Leu Val Arg Val Gly Arg Ala Gly Gly
1 5

<210> 19235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19235
His Pro Arg Leu Arg Leu Cys Pro Glu
1 5

<210> 19236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19236
Arg Val Gly Arg Ala Gly Gly Met Trp
1 5

<210> 19237
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19237
Gly Met Trp Pro Pro Arg Pro Pro Asp Leu
1 5 10

<210> 19238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19238
Arg Leu Arg Leu Cys Pro Glu Leu Val Arg
1 5 10

<210> 19239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19239
Val Leu Arg Gly His Pro Arg Leu Arg Leu
1 5 10

<210> 19240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19240
Leu Val Arg Val Gly Arg Ala Gly Gly Met
1 5 10

<210> 19241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19241
Asp Leu Asp Val Leu Arg Gly His Pro Arg
1 5 10

<210> 19242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19242
Asp Val Leu Arg Gly His Pro Arg Leu Arg
1 5 10

<210> 19243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19243
His Pro Arg Leu Arg Leu Cys Pro Glu Leu
1 5 10

<210> 19244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19244
Ala Met Glu Lys Thr Gln Ile Met Tyr
1 5

<210> 19245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19245

Lys Thr Gln Ile Met Tyr Met Lys Leu
1 5

<210> 19246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19246
Arg Ala Met Glu Lys Thr Gln Ile Met
1 5

<210> 19247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19247
Thr Gln Ile Met Tyr Met Lys Leu Tyr
1 5

<210> 19248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19248
Met Glu Lys Thr Gln Ile Met Tyr Met
1 5

<210> 19249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19249
Lys Thr Gln Ile Met Tyr Met Lys Leu Tyr
1 5 10

<210> 19250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19250
Arg Ala Met Glu Lys Thr Gln Ile Met Tyr
1 5 10

<210> 19251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19251
Met Glu Lys Thr Gln Ile Met Tyr Met Lys
1 5 10

<210> 19252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19252
Ala Arg Ala Met Glu Lys Thr Gln Ile Met
1 5 10

<210> 19253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19253
Ala Met Glu Lys Thr Gln Ile Met Tyr Met
1 5 10

<210> 19254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19254
Ser Tyr Tyr His Lys Lys Met Gly Trp
1 5

<210> 19255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19255
Val Leu Ser Tyr Tyr His Lys Lys Met
1 5

<210> 19256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19256
Leu Ser Tyr Tyr His Lys Lys Met Gly Trp
1 5 10

<210> 19257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19257
Ala Pro Val Ala Tyr Asp Lys Lys Met
1 5

<210> 19258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19258
His Glu Trp Glu Asp Ala Pro Val Ala
1 5

<210> 19259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19259
Lys Leu His Glu Trp Glu Asp Ala Pro Val
1 5 10

<210> 19260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19260
His Glu Trp Glu Asp Ala Pro Val Ala Tyr
1 5 10

<210> 19261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19261
Leu Met Leu Gly Arg Met Arg Phe Leu
1 5

<210> 19262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19262
Arg Phe Leu Glu Ala Leu Gly Glu Trp

1 5

<210> 19263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19263
Leu Gly Arg Met Arg Phe Leu Glu Ala
1 5

<210> 19264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19264
Arg Met Arg Phe Leu Glu Ala Leu Gly
1 5

<210> 19265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19265
Glu Leu Met Leu Gly Arg Met Arg Phe
1 5

<210> 19266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19266
Gly Arg Met Arg Phe Leu Glu Ala Leu
1 5

<210> 19267

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19267
Met Leu Gly Arg Met Arg Phe Leu Glu Ala
1 5 10

<210> 19268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19268
Arg Met Arg Phe Leu Glu Ala Leu Gly Glu
1 5 10

<210> 19269
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19269
Glu Leu Met Leu Gly Arg Met Arg Phe Leu
1 5 10

<210> 19270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19270
Leu Gly Arg Met Arg Phe Leu Glu Ala Leu
1 5 10

<210> 19271
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19271
Met Arg Phe Leu Glu Ala Leu Gly Glu Trp
1 5 10

<210> 19272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19272
Leu Leu Ala Asn Asp Pro Thr Tyr Leu
1 5

<210> 19273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19273
Leu Ala Asn Asp Pro Thr Tyr Leu Arg
1 5

<210> 19274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19274
Thr Tyr Leu Arg Lys Asn Leu Ser Ile
1 5

<210> 19275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19275
Thr Leu Leu Ala Asn Asp Pro Thr Tyr
1 5

<210> 19276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19276
Thr Leu Leu Ala Asn Asp Pro Thr Tyr Leu
1 5 10

<210> 19277
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19277
Leu Leu Ala Asn Asp Pro Thr Tyr Leu Arg
1 5 10

<210> 19278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19278
Leu Ala Asn Asp Pro Thr Tyr Leu Arg Lys
1 5 10

<210> 19279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19279
Asn Thr Leu Leu Ala Asn Asp Pro Thr Tyr
1 5 10

<210> 19280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19280
Tyr Leu Arg Lys Asn Leu Ser Ile Gln Arg
1 5 10

<210> 19281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19281
Glu Ala Glu Trp Gln Leu Val Leu Arg
1 5

<210> 19282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19282
Arg Glu Ala Glu Trp Gln Leu Val Leu
1 5

<210> 19283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19283
Ala Glu Trp Gln Leu Val Leu Arg Leu
1 5

<210> 19284
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19284
Asp Pro Gln Ala Arg Glu Ala Glu Trp
1 5

<210> 19285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19285
Ala Glu Trp Gln Leu Val Leu Arg Leu Lys
1 5 10

<210> 19286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19286
Asp Thr Lys Glu Ile Phe Ser Ser Ile
1 5

<210> 19287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19287
Lys Glu Ile Phe Ser Ser Ile Asn Thr
1 5

<210> 19288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19288
Lys Asp Thr Lys Glu Ile Phe Ser Ser Ile
1 5 10

<210> 19289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19289
Thr Thr Gln Thr Gly Pro Ser Gly Val
1 5

<210> 19290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19290
Ile Thr Thr Gln Thr Gly Pro Ser Gly Val
1 5 10

<210> 19291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19291
Met Leu His Thr Ser Ser Glu Pro Glu Thr
1 5 10

<210> 19292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19292
Arg Pro Val Lys Gly Pro Ser Asp Ile
1 5

<210> 19293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19293
Val Lys Gly Pro Ser Asp Ile His Phe
1 5

<210> 19294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19294
Ala Val Thr Ser Thr Thr Leu Pro Ile
1 5

<210> 19295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19295
Leu Pro Ile Leu Thr Leu Ser Pro Gly
1 5

<210> 19296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19296
Arg Ala Val Thr Ser Thr Thr Leu Pro Ile
1 5 10

<210> 19297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19297
Ser Thr Gly Glu Ala Phe Thr Asn Ile
1 5

<210> 19298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19298
Glu Ala Phe Thr Asn Ile Ser Leu Val
1 5

<210> 19299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19299
Leu Thr Val Ser Thr Gly Glu Ala Phe
1 5

<210> 19300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19300
Gly Glu Ala Phe Thr Asn Ile Ser Leu
1 5

<210> 19301
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19301
Thr Leu Thr Val Ser Thr Gly Glu Ala Phe
1 5 10

<210> 19302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19302
Gly Glu Ala Phe Thr Asn Ile Ser Leu Val
1 5 10

<210> 19303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19303
Thr Thr Val Ser Gly Thr Ile Pro Lys
1 5

<210> 19304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19304
Gly Thr Ile Pro Lys Phe Ser His Arg
1 5

<210> 19305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19305
Ser Thr Thr Val Ser Gly Thr Ile Pro Lys
1 5 10

<210> 19306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19306
Thr Thr Val Ser Gly Thr Ile Pro Lys Phe
1 5 10

<210> 19307
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19307
His Leu Asp Pro Lys Ser Pro Gly Val
1 5

<210> 19308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19308
Ala Ile Cys Thr His His Leu Asp Pro Lys
1 5 10

<210> 19309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19309

Leu Leu Met Leu Val Phe His Ser Lys
1 5

<210> 19310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19310
Val Phe His Ser Lys Arg Glu Val Lys
1 5

<210> 19311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19311
Leu Met Leu Val Phe His Ser Lys Arg
1 5

<210> 19312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19312
Met Leu Val Phe His Ser Lys Arg Glu Val
1 5 10

<210> 19313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19313
Ala Leu Leu Met Leu Val Phe His Ser Lys
1 5 10

<210> 19314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19314
Leu Val Phe His Ser Lys Arg Glu Val Lys
1 5 10

<210> 19315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19315
His Ser Lys Arg Glu Val Lys Arg Gln Lys
1 5 10

<210> 19316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19316
Leu Leu Met Leu Val Phe His Ser Lys Arg
1 5 10

<210> 19317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19317
Val Phe His Ser Lys Arg Glu Val Lys Arg
1 5 10

<210> 19318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19318
Asn Val Met Glu Pro Arg Met Tyr Leu
1 5

<210> 19319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19319
Thr Ser Thr Asn Val Met Glu Pro Arg
1 5

<210> 19320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19320
Met Glu Pro Arg Met Tyr Leu Ser Cys
1 5

<210> 19321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19321
Ser Thr Asn Val Met Glu Pro Arg Met Tyr
1 5 10

<210> 19322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19322
Thr Thr Ser Thr Asn Val Met Glu Pro Arg
1 5 10

<210> 19323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19323
Asn Val Met Glu Pro Arg Met Tyr Leu Ser
1 5 10

<210> 19324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19324
Ala Thr Gly Thr Thr Ser Thr Asn Val Met
1 5 10

<210> 19325
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19325
Thr Ser Met Pro Val Ser Thr His Ala
1 5

<210> 19326
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19326
Val Ser Thr His Ala Ser Gly Gln Phe

1 5

<210> 19327
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19327
Met Pro Val Ser Thr His Ala Ser Gly
1 5

<210> 19328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19328
Leu Thr Ser Met Pro Val Ser Thr His Ala
1 5 10

<210> 19329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19329
Met Pro Val Ser Thr His Ala Ser Gly Gln
1 5 10

<210> 19330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19330
Phe Gln His Leu Pro Leu Thr Pro Ala
1 5

<210> 19331

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19331
His Leu Pro Leu Thr Pro Ala His Leu
1 5

<210> 19332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19332
Leu Thr Ser Met Pro Val Arg Pro Arg
1 5

<210> 19333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19333
Pro Val Arg Pro Arg Gln Trp Pro Val
1 5

<210> 19334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19334
Arg Pro Arg Gln Trp Pro Val Leu Arg
1 5

<210> 19335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19335
Arg Gln Trp Pro Val Leu Arg Leu Ala
1 5

<210> 19336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19336
Trp Pro Val Leu Arg Leu Ala Pro Phe
1 5

<210> 19337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19337
Leu Arg Leu Ala Pro Phe Gln His Leu
1 5

<210> 19338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19338
Leu Ala Pro Phe Gln His Leu Pro Leu
1 5

<210> 19339
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19339
Arg Leu Ala Pro Phe Gln His Leu Pro Leu
1 5 10

<210> 19340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19340
Val Leu Arg Leu Ala Pro Phe Gln His Leu
1 5 10

<210> 19341
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19341
Gln Trp Pro Val Leu Arg Leu Ala Pro Phe
1 5 10

<210> 19342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19342
Pro Val Arg Pro Arg Gln Trp Pro Val Leu
1 5 10

<210> 19343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19343
Met Pro Val Arg Pro Arg Gln Trp Pro Val
1 5 10

<210> 19344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19344
Arg Pro Arg Gln Trp Pro Val Leu Arg Leu
1 5 10

<210> 19345
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19345
Phe Gln His Leu Pro Leu Thr Pro Ala His
1 5 10

<210> 19346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19346
Thr Ser Met Pro Val Arg Pro Arg Gln Trp
1 5 10

<210> 19347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19347
Arg Gln Trp Pro Val Leu Arg Leu Ala Pro
1 5 10

<210> 19348
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19348
Thr Leu Ser Glu Gly Thr Asn Pro Leu
1 5

<210> 19349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19349
Thr Leu Ser Glu Gly Thr Asn Pro Leu Thr
1 5 10

<210> 19350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19350
Gly Thr Asn Pro Leu Thr Ser Ile Pro Val
1 5 10

<210> 19351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19351
Ser Thr Leu Ser Glu Gly Thr Asn Pro Leu
1 5 10

<210> 19352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19352
Ser Glu Gly Thr Asn Pro Leu Thr Ser Ile
1 5 10

<210> 19353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19353
Asn Pro Leu Thr Ser Ile Pro Val Ser His
1 5 10

<210> 19354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19354
Thr Thr Pro Ile Thr Thr Thr Thr Met
1 5

<210> 19355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19355
Thr Pro Ile Thr Thr Thr Thr Met Val
1 5

<210> 19356
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19356
Thr Thr Thr Thr Met Val Thr Pro Thr
1 5

<210> 19357
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19357
Thr Thr Met Val Thr Pro Thr Pro Thr
1 5

<210> 19358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19358
Met Val Thr Pro Thr Pro Thr Pro Thr
1 5

<210> 19359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19359
Thr Thr Thr Pro Ile Thr Thr Thr Thr Met
1 5 10

<210> 19360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19360
Thr Thr Pro Ile Thr Thr Thr Thr Met Val
1 5 10

<210> 19361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19361
Thr Met Val Thr Pro Thr Pro Thr Pro Thr
1 5 10

<210> 19362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19362
Thr Pro Ile Thr Thr Thr Thr Met Val Thr
1 5 10

<210> 19363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19363
Thr Gln Asn Pro Thr Ser Thr Pro Ile
1 5

<210> 19364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19364
Thr Gln Asn Pro Thr Ser Thr Pro Ile Thr
1 5 10

<210> 19365
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19365
Thr Gln Thr Pro Arg Ser Thr Pro Ile
1 5

<210> 19366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19366
Gly Thr Gln Thr Pro Arg Ser Thr Pro Ile
1 5 10

<210> 19367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19367
Thr Pro Arg Ser Thr Pro Ile Thr Thr Thr
1 5 10

<210> 19368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19368
Thr Thr Thr Val Thr Pro Thr Pro Ile
1 5

<210> 19369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19369
Thr Thr Thr Thr Val Thr Pro Thr Pro Ile
1 5 10

<210> 19370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19370
Thr Thr Val Thr Pro Thr Pro Ile Pro Thr
1 5 10

<210> 19371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19371
Thr Thr Ile Thr Thr Val Thr Pro Thr
1 5

<210> 19372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19372
Thr Pro Ile Thr Thr Ile Thr Thr Val
1 5

<210> 19373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19373

Ser Thr Pro Ile Thr Thr Ile Thr Thr Val
1 5 10

<210> 19374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19374
Thr Pro Ile Thr Thr Ile Thr Thr Val Thr
1 5 10

<210> 19375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19375
Thr Pro Thr Ser Thr Pro Ile Thr Thr Ile
1 5 10

<210> 19376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19376
Thr Pro Ile Thr Thr Thr Thr Met Val
1 5

<210> 19377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19377
Thr Thr Thr Thr Met Val Thr Pro Thr
1 5

<210> 19378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19378
Thr Thr Met Val Thr Pro Thr Pro Thr
1 5

<210> 19379
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19379
Met Val Thr Pro Thr Pro Thr Pro Thr
1 5

<210> 19380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19380
Ser Thr Pro Ile Thr Thr Thr Thr Met Val
1 5 10

<210> 19381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19381
Thr Ser Thr Pro Ile Thr Thr Thr Thr Met
1 5 10

<210> 19382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19382
Thr Met Val Thr Pro Thr Pro Thr Pro Thr
1 5 10

<210> 19383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19383
Thr Pro Ile Thr Thr Thr Thr Met Val Thr
1 5 10

<210> 19384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19384
Ser Thr Gln Thr Pro Thr Pro Thr Pro Ile
1 5 10

<210> 19385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19385
Ile Pro Ile Ser Thr Thr Thr Thr Val
1 5

<210> 19386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19386
Thr Gln Thr Pro Thr Pro Ile Pro Ile
1 5

<210> 19387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19387
Thr Pro Ile Pro Ile Ser Thr Thr Thr
1 5

<210> 19388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19388
Thr Pro Ile Pro Ile Ser Thr Thr Thr Thr
1 5 10

<210> 19389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19389
Ile Pro Ile Ser Thr Thr Thr Thr Val Thr
1 5 10

<210> 19390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19390
Lys Thr Ser Val Phe Ile Gly Leu His

1 5

<210> 19391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19391
Phe Ile Gly Leu His Gln Asp Tyr Lys
1 5

<210> 19392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19392
Val Phe Ile Gly Leu His Gln Asp Tyr
1 5

<210> 19393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19393
Arg Lys Thr Ser Val Phe Ile Gly Leu
1 5

<210> 19394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19394
Gly Leu His Gln Asp Tyr Lys Gly Arg Val
1 5 10

<210> 19395

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19395
Val Phe Ile Gly Leu His Gln Asp Tyr Lys
1 5 10

<210> 19396
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19396
Ser Val Phe Ile Gly Leu His Gln Asp Tyr
1 5 10

<210> 19397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19397
Phe Ile Arg Arg His Gln Asp Tyr Lys
1 5

<210> 19398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19398
Lys Thr Ser Val Phe Ile Arg Arg His
1 5

<210> 19399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19399
Val Phe Ile Arg Arg His Gln Asp Tyr
1 5

<210> 19400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19400
Val Phe Ile Arg Arg His Gln Asp Tyr Lys
1 5 10

<210> 19401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19401
Ser Val Phe Ile Arg Arg His Gln Asp Tyr
1 5 10

<210> 19402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19402
Cys Thr Asp Gly His Phe Cys Leu His
1 5

<210> 19403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19403
Tyr Leu Ser Asn Pro Ile Thr Pro Ser
1 5

<210> 19404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19404
Tyr Ile Pro Thr Phe Thr His Phe Leu
1 5

<210> 19405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19405
Phe Leu His Leu Phe Gly Asp Ser Lys
1 5

<210> 19406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19406
Cys Leu His Pro Leu Asn Ala Asn Arg
1 5

<210> 19407
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19407
Thr Tyr Arg Glu Gln Ser Leu Leu Phe
1 5

<210> 19408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19408
Ser Arg Ser Thr Phe Leu His Leu Phe
1 5

<210> 19409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19409
Lys Tyr Ser His Ser His His Pro Tyr
1 5

<210> 19410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19410
Ser Gln Asn Leu Tyr Ile Pro Thr Phe
1 5

<210> 19411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19411
Leu Tyr Ile Pro Thr Phe Thr His Phe
1 5

<210> 19412
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19412
Ser Ser Arg Pro Thr Thr Thr Leu His
1 5

<210> 19413
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19413
Thr Ser His Ser Arg Ser Thr Phe Leu
1 5

<210> 19414
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19414
His Ser Arg Ser Thr Phe Leu His Leu
1 5

<210> 19415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19415
Arg Ser Thr Phe Leu His Leu Phe Gly
1 5

<210> 19416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19416
Arg Val His Pro His Ser Ala Asn Asn
1 5

<210> 19417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19417
Thr Leu His His Thr Leu Pro Thr Tyr
1 5

<210> 19418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19418
Leu His Leu Phe Gly Asp Ser Lys Tyr
1 5

<210> 19419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19419
Leu Ile Lys His Ser Gln Asn Leu Tyr
1 5

<210> 19420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19420
Phe Thr His Phe Leu His Thr Pro Cys
1 5

<210> 19421
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19421
Leu Pro Thr Tyr Arg Glu Gln Ser Leu
1 5

<210> 19422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19422
His Pro His Ser Ala Asn Asn Asp Ala
1 5

<210> 19423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19423
Glu Leu Ile Lys His Ser Gln Asn Leu
1 5

<210> 19424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19424
His Thr Ser His Ser Arg Ser Thr Phe
1 5

<210> 19425
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19425
Thr Ser Ser Arg Pro Thr Thr Thr Leu
1 5

<210> 19426
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19426
His Arg Ser His Asp Gly Asn Ile Leu
1 5

<210> 19427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19427
Gly Asn Ile Leu Gln Asp His His Tyr
1 5

<210> 19428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19428
His His Tyr Leu Ser Asn Pro Ile Thr
1 5

<210> 19429
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19429
Ser Lys Tyr Ser His Ser His His Pro
1 5

<210> 19430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19430
Ala Gln Gly His Arg Val His Pro His
1 5

<210> 19431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19431
Ile Lys His Ser Gln Asn Leu Tyr Ile
1 5

<210> 19432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19432
His Pro Tyr Pro Cys Thr Asp Gly His
1 5

<210> 19433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19433
Ile Pro Thr Phe Thr His Phe Leu His
1 5

<210> 19434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19434
Thr Thr Leu His His Thr Leu Pro Thr Tyr
1 5 10

<210> 19435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19435
Ser Thr Asp Asn Ala Gln Gly His Arg Val
1 5 10

<210> 19436
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19436
Leu Ile Lys His Ser Gln Asn Leu Tyr Ile
1 5 10

<210> 19437
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19437

Thr Leu His His Thr Leu Pro Thr Tyr Arg
1 5 10

<210> 19438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19438
Thr Ser His Ser Arg Ser Thr Phe Leu His
1 5 10

<210> 19439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19439
Thr Phe Leu His Leu Phe Gly Asp Ser Lys
1 5 10

<210> 19440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19440
Pro Thr Tyr Arg Glu Gln Ser Leu Leu Phe
1 5 10

<210> 19441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19441
His Ser Arg Ser Thr Phe Leu His Leu Phe
1 5 10

<210> 19442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19442
His Ser Gln Asn Leu Tyr Ile Pro Thr Phe
1 5 10

<210> 19443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19443
Asn Leu Tyr Ile Pro Thr Phe Thr His Phe
1 5 10

<210> 19444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19444
Leu Tyr Ile Pro Thr Phe Thr His Phe Leu
1 5 10

<210> 19445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19445
Ala Thr Ser Ser Arg Pro Thr Thr Thr Leu
1 5 10

<210> 19446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19446
Ser Ser Arg Pro Thr Thr Thr Leu His His
1 5 10

<210> 19447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19447
His Thr Ser His Ser Arg Ser Thr Phe Leu
1 5 10

<210> 19448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19448
Arg Val His Pro His Ser Ala Asn Asn Asp
1 5 10

<210> 19449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19449
His Gln Arg Asp Gln Pro Ser Pro Glu Leu
1 5 10

<210> 19450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19450
Phe Leu His Leu Phe Gly Asp Ser Lys Tyr
1 5 10

<210> 19451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19451
Ser Lys Tyr Ser His Ser His His Pro Tyr
1 5 10

<210> 19452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19452
Glu Leu Ile Lys His Ser Gln Asn Leu Tyr
1 5 10

<210> 19453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19453
Arg Pro Thr Thr Thr Leu His His Thr Leu
1 5 10

<210> 19454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19454
Leu Pro Thr Tyr Arg Glu Gln Ser Leu Leu

1 5 10

<210> 19455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19455
His Pro Tyr Pro Cys Thr Asp Gly His Phe
1 5 10

<210> 19456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19456
Glu Gln Ser Leu Leu Phe His Arg Ser His
1 5 10

<210> 19457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19457
Phe His Arg Ser His Asp Gly Asn Ile Leu
1 5 10

<210> 19458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19458
Ser His Ser Arg Ser Thr Phe Leu His Leu
1 5 10

<210> 19459

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19459
His Leu Phe Gly Asp Ser Lys Tyr Ser His
1 5 10

<210> 19460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19460
Tyr Ser His Ser His His Pro Tyr Pro Cys
1 5 10

<210> 19461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19461
Lys His Ser Gln Asn Leu Tyr Ile Pro Thr
1 5 10

<210> 19462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19462
Ser Gln Asn Leu Tyr Ile Pro Thr Phe Thr
1 5 10

<210> 19463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19463
Tyr Pro Cys Thr Asp Gly His Phe Cys Leu
1 5 10

<210> 19464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19464
Arg Glu Gln Ser Leu Leu Phe His Arg Ser
1 5 10

<210> 19465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19465
Gln Asp His His Tyr Leu Ser Asn Pro Ile
1 5 10

<210> 19466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19466
Ile Pro Thr Phe Thr His Phe Leu His Thr
1 5 10

<210> 19467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19467
Ser His Phe Ser Ser Thr Gly Pro Met
1 5

<210> 19468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19468
Ser Ser His Phe Ser Ser Thr Gly Pro Met
1 5 10

<210> 19469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19469
His Ser Pro Pro Thr Gly Ser Ser His Phe
1 5 10

<210> 19470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19470
Ser His Phe Ser Ser Thr Gly Pro Met Thr
1 5 10

<210> 19471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19471
Thr Pro Ser Gln Pro Gln Thr Thr Leu
1 5

<210> 19472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19472
Ser Gln Pro Gln Thr Thr Leu Pro Thr
1 5

<210> 19473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19473
Ser Gln Pro Gln Thr Thr Leu Pro Thr His
1 5 10

<210> 19474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19474
Gln Pro Gln Thr Thr Leu Pro Thr His Val
1 5 10

<210> 19475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19475
Ser Thr Thr Asn Gln Leu Ser Ser Phe
1 5

<210> 19476
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19476
Asn Gln Leu Ser Ser Phe Ser Pro Ser
1 5

<210> 19477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19477
Val Ser Thr Thr Asn Gln Leu Ser Ser Phe
1 5 10

<210> 19478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19478
Asn Gln Leu Ser Ser Phe Ser Pro Ser Pro
1 5 10

<210> 19479
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19479
Ala Pro Thr His Gln Thr Thr Thr Leu
1 5

<210> 19480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19480
His Gln Thr Thr Thr Leu Val Thr Thr
1 5

<210> 19481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19481
Leu Val Thr Thr Gln Thr Thr Thr Thr Lys
1 5 10

<210> 19482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19482
Ala Pro Thr His Gln Thr Thr Thr Leu Val
1 5 10

<210> 19483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19483
His Gln Thr Thr Thr Leu Val Thr Thr Gln
1 5 10

<210> 19484
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19484
Arg Ala Trp Ala Pro Ala Pro Pro Thr
1 5

<210> 19485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19485
Ala Pro Ala Pro Pro Thr Arg Cys Val
1 5

<210> 19486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19486
Ser Glu Leu Pro Pro Gly Arg Ala Trp
1 5

<210> 19487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19487
Arg Ala Trp Ala Pro Ala Pro Pro Thr Arg
1 5 10

<210> 19488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19488
Val Val Trp Ser Glu Leu Pro Pro Gly Arg
1 5 10

<210> 19489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19489
Trp Ala Pro Ala Pro Pro Thr Arg Cys Val
1 5 10

<210> 19490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19490
Leu Pro Pro Gly Arg Ala Trp Ala Pro Ala
1 5 10

<210> 19491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19491
Ala Pro Ala Pro Pro Thr Arg Cys Val Trp
1 5 10

<210> 19492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19492
Ser Glu Leu Pro Pro Gly Arg Ala Trp Ala
1 5 10

<210> 19493
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19493
Trp Ser Ile Ser Leu Asn Met Thr Tyr
1 5

<210> 19494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19494
Met Thr Tyr Glu His Gly Asn Met Val
1 5

<210> 19495
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19495
Asn Met Thr Tyr Glu His Gly Asn Met
1 5

<210> 19496
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19496
Tyr Glu His Gly Asn Met Val Asn Leu
1 5

<210> 19497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19497
Asn Met Thr Tyr Glu His Gly Asn Met Val
1 5 10

<210> 19498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19498
Thr Tyr Glu His Gly Asn Met Val Asn Leu
1 5 10

<210> 19499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19499
Gln Trp Ser Ile Ser Leu Asn Met Thr Tyr
1 5 10

<210> 19500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19500
Leu Asn Met Thr Tyr Glu His Gly Asn Met
1 5 10

<210> 19501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19501

Tyr Glu His Gly Asn Met Val Asn Leu Val
1 5 10

<210> 19502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19502
Val Ile Leu Arg Lys Asn Gly Ala Arg
1 5

<210> 19503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19503
Ile Leu Arg Lys Asn Gly Ala Arg Pro Ala
1 5 10

<210> 19504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19504
Leu Val Ile Leu Arg Lys Asn Gly Ala Arg
1 5 10

<210> 19505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19505
Pro Glu Ala Val His Ile Thr Ser Val
1 5

<210> 19506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19506
Val Pro Asp Pro Pro Glu Ala Val His Ile
1 5 10

<210> 19507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19507
Thr Val Val Val Val Ser Asp Asp Tyr
1 5

<210> 19508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19508
Arg Pro Arg Gly Gly Cys Arg Arg Thr
1 5

<210> 19509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19509
Arg Thr Val Val Val Val Ser Asp Asp Tyr
1 5 10

<210> 19510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19510
Thr Val Val Val Val Ser Asp Asp Tyr Leu
1 5 10

<210> 19511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19511
Arg Pro Arg Gly Gly Cys Arg Arg Thr Val
1 5 10

<210> 19512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19512
Tyr Leu Gln Asn Lys Glu Cys Asp Phe
1 5

<210> 19513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19513
Val Val Ser Asp Asp Tyr Leu Gln Asn Lys
1 5 10

<210> 19514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19514
Asn Lys Glu Cys Asp Phe Gln Thr Lys Phe
1 5 10

<210> 19515
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19515
His Gln Lys Arg Pro Ile Pro Ile Lys
1 5

<210> 19516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19516
Arg Pro Ile Pro Ile Lys Tyr Lys Ala
1 5

<210> 19517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19517
Gln Lys Arg Pro Ile Pro Ile Lys Tyr
1 5

<210> 19518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19518
Ala His Gln Lys Arg Pro Ile Pro Ile Lys

1 5 10

<210> 19519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19519
Gln Lys Arg Pro Ile Pro Ile Lys Tyr Lys
1 5 10

<210> 19520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19520
His Gln Lys Arg Pro Ile Pro Ile Lys Tyr
1 5 10

<210> 19521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19521
Ser Pro Gly Ala His Gln Lys Arg Pro Ile
1 5 10

<210> 19522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19522
Arg Pro Ile Pro Ile Lys Tyr Lys Ala Met
1 5 10

<210> 19523

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19523
Glu Thr Pro Gln Leu Pro Arg Gly Leu
1 5

<210> 19524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19524
Arg Ser His Asp Gly Glu Thr Pro Gln Leu
1 5 10

<210> 19525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19525
Gly Glu Thr Pro Gln Leu Pro Arg Gly Leu
1 5 10

<210> 19526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19526
Ala Leu Gly Gly Gly Ala Trp Glu Leu
1 5

<210> 19527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19527
Ser Leu Val Glu Asp Val Leu Cys Ala
1 5

<210> 19528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19528
Gly Leu Ala Arg Trp Gly Pro Leu Cys
1 5

<210> 19529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19529
Leu Val Glu Asp Val Leu Cys Ala Lys
1 5

<210> 19530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19530
Lys Trp Phe Ile Cys Pro Ala Ser Phe
1 5

<210> 19531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19531
Ser Ser Ser Ser Ser Ser Ser Leu Val
1 5

<210> 19532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19532
Cys Ala Lys Trp Phe Ile Cys Pro Ala
1 5

<210> 19533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19533
Asp Val Leu Cys Ala Lys Trp Phe Ile
1 5

<210> 19534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19534
His Pro Gln Cys Gln Val Leu Leu Leu
1 5

<210> 19535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19535
Val Glu Ala Leu Gly Gly Gly Ala Trp
1 5

<210> 19536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19536
Trp Glu Leu Gly Gly Leu Ala Arg Trp
1 5

<210> 19537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19537
Cys Gln Val Leu Leu Leu Ser Ser Ser
1 5

<210> 19538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19538
Ser Phe Asn Pro Gln Asn Asp Ser Met
1 5

<210> 19539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19539
Ser Leu Val Glu Asp Val Leu Cys Ala Lys
1 5 10

<210> 19540
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19540
Ser Ser Ser Ser Ser Ser Ser Ser Leu Val
1 5 10

<210> 19541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19541
Ser Phe Asn Pro Gln Asn Asp Ser Met Arg
1 5 10

<210> 19542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19542
Val Thr Val Glu Ala Leu Gly Gly Gly Ala
1 5 10

<210> 19543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19543
Glu Ala Leu Gly Gly Gly Ala Trp Glu Leu
1 5 10

<210> 19544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19544
Leu Ala Arg Trp Gly Pro Leu Cys Thr His
1 5 10

<210> 19545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19545
Cys Gln Val Leu Leu Leu Ser Ser Ser Thr
1 5 10

<210> 19546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19546
Ala Lys Trp Phe Ile Cys Pro Ala Ser Phe
1 5 10

<210> 19547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19547
Ala Ser Phe Asn Pro Gln Asn Asp Ser Met
1 5 10

<210> 19548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19548
Trp Glu Leu Gly Gly Leu Ala Arg Trp Gly
1 5 10

<210> 19549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19549
Leu Leu Leu His His His Leu Leu Leu
1 5

<210> 19550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19550
Leu Leu His His His Leu Leu Leu Leu
1 5

<210> 19551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19551
Ser Pro Leu Leu Leu His His His Leu
1 5

<210> 19552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19552
Leu His His His Leu Leu Leu Leu Leu
1 5

<210> 19553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19553
Leu Leu Leu His His His Leu Leu Leu Leu
1 5 10

<210> 19554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19554
Leu Leu His His His Leu Leu Leu Leu Leu
1 5 10

<210> 19555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19555
Ser Pro Leu Leu Leu His His His Leu Leu
1 5 10

<210> 19556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19556
Leu His His His Leu Leu Leu Leu Leu Ile
1 5 10

<210> 19557
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19557
His His His Leu Leu Leu Leu Leu Ile Ile
1 5 10

<210> 19558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19558
Lys Ala Lys Arg Lys Pro Arg Arg Gly
1 5

<210> 19559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19559
Arg Pro Ala Gly Pro Asp Arg Arg Ala
1 5

<210> 19560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19560
Lys Pro Arg Arg Gly Asp Asp Arg Pro Ala
1 5 10

<210> 19561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19561
Arg Pro Ala Gly Pro Asp Arg Arg Ala Ala
1 5 10

<210> 19562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19562
Lys Leu Glu Asp Lys Ile Leu Val Met
1 5

<210> 19563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19563
Lys Lys Leu Glu Asp Lys Ile Leu Val Met
1 5 10

<210> 19564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19564
Val Glu His Lys Lys Lys Leu Glu Ala
1 5

<210> 19565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19565

Lys Gln Glu Val Glu His Lys Lys Lys Leu
1 5 10

<210> 19566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19566
Leu Ile Ser Thr Asn Pro Phe Asn Phe
1 5

<210> 19567
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19567
Ser Thr Asn Pro Phe Asn Phe Pro Phe
1 5

<210> 19568
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19568
Thr Asn Pro Phe Asn Phe Pro Phe Val
1 5

<210> 19569
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19569
Asn Pro Phe Asn Phe Pro Phe Val Ser
1 5

<210> 19570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19570
Ser Thr Asn Pro Phe Asn Phe Pro Phe Val
1 5 10

<210> 19571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19571
Leu Leu Ile Ser Thr Asn Pro Phe Asn Phe
1 5 10

<210> 19572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19572
Ile Ser Thr Asn Pro Phe Asn Phe Pro Phe
1 5 10

<210> 19573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19573
Lys Leu Ala Gln Leu Ile Met Arg Thr
1 5

<210> 19574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19574
Gln Leu Ile Met Arg Thr Gln Ala Ile
1 5

<210> 19575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19575
Ile Met Arg Thr Gln Ala Ile Cys Arg
1 5

<210> 19576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19576
Ala Gln Leu Ile Met Arg Thr Gln Ala
1 5

<210> 19577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19577
Asp Glu Lys Leu Ala Gln Leu Ile Met
1 5

<210> 19578
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19578
Leu Ile Met Arg Thr Gln Ala Ile Cys Arg
1 5 10

<210> 19579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19579
Ile Met Arg Thr Gln Ala Ile Cys Arg Gly
1 5 10

<210> 19580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19580
Arg Asp Glu Lys Leu Ala Gln Leu Ile Met
1 5 10

<210> 19581
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19581
Ala Gln Leu Ile Met Arg Thr Gln Ala Ile
1 5 10

<210> 19582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19582
Met Arg Thr Gln Ala Ile Cys Arg Gly Phe

1 5 10

<210> 19583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19583
Leu Leu Lys Ser Ala Glu Met Glu Lys
1 5

<210> 19584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19584
Lys Pro Leu Leu Lys Ser Ala Glu Met
1 5

<210> 19585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19585
Lys Ser Ala Glu Met Glu Lys Glu Met
1 5

<210> 19586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19586
Ala Glu Met Glu Lys Glu Met Ala Thr
1 5

<210> 19587

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19587
Glu Met Glu Lys Glu Met Ala Thr Met
1 5

<210> 19588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19588
Ile Lys Pro Leu Leu Lys Ser Ala Glu Met
1 5 10

<210> 19589
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19589
Leu Lys Ser Ala Glu Met Glu Lys Glu Met
1 5 10

<210> 19590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19590
Ala Glu Met Glu Lys Glu Met Ala Thr Met
1 5 10

<210> 19591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19591
Thr Tyr Glu Glu Ser Leu Glu His Leu
1 5

<210> 19592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19592
Glu Leu Phe Lys Leu Lys Asn Thr Tyr
1 5

<210> 19593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19593
Leu Lys Asn Thr Tyr Glu Glu Ser Leu
1 5

<210> 19594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19594
Lys Leu Lys Asn Thr Tyr Glu Glu Ser Leu
1 5 10

<210> 19595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19595
Asn Thr Tyr Glu Glu Ser Leu Glu His Leu
1   5   10

<210> 19596
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 19596
Thr Glu Leu Phe Lys Leu Lys Asn Thr Tyr
1   5   10

<210> 19597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 19597
Ala Glu Leu Glu Glu Leu Cys Ala Val
1   5

<210> 19598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 19598
Glu Glu Leu Cys Ala Val Val Glu Gln
1   5

<210> 19599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 19599
Ala Glu Leu Glu Glu Leu Cys Ala Val Val
1   5   10

<210> 19600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19600
Glu Glu Leu Cys Ala Val Val Glu Gln Thr
1 5 10

<210> 19601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19601
Lys Leu Val Gln Ile Ile Thr Arg Thr
1 5

<210> 19602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19602
Val Gln Ile Ile Thr Arg Thr Gln Ala
1 5

<210> 19603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19603
Asp Glu Lys Leu Val Gln Ile Ile Thr
1 5

<210> 19604
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19604
Val Gln Ile Ile Thr Arg Thr Gln Ala Val
1 5 10

<210> 19605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19605
Glu Met Arg Asp Glu Lys Leu Val Gln Ile
1 5 10

<210> 19606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19606
Leu Gln Glu Thr Asn Gln Gln Thr Leu
1 5

<210> 19607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19607
Ala Leu Gln Glu Thr Asn Gln Gln Thr Leu
1 5 10

<210> 19608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19608
Lys Leu Gln Met Asp Leu Glu Arg Ala
1 5

<210> 19609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19609
Leu Glu Gln Glu Lys Lys Leu Gln Met
1 5

<210> 19610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19610
Leu Gln Met Asp Leu Glu Arg Ala Lys
1 5

<210> 19611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19611
Gln Glu Lys Lys Leu Gln Met Asp Leu
1 5

<210> 19612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19612
Lys Leu Gln Met Asp Leu Glu Arg Ala Lys
1 5 10

<210> 19613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19613
Lys Ile Lys Glu Leu Gln Ala Cys Ile
1 5

<210> 19614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19614
Lys Lys Ile Lys Glu Leu Gln Ala Cys
1 5

<210> 19615
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19615
Lys Lys Ile Lys Glu Leu Gln Ala Cys Ile
1 5 10

<210> 19616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19616
Lys Glu Leu Gln Ala Cys Ile Glu Glu Leu
1 5 10

<210> 19617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19617
Gly Val Trp Ser Thr Leu Leu Ser Leu
1 5

<210> 19618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19618
Arg Leu Met Gly Thr Met Trp Arg Ala
1 5

<210> 19619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19619
Thr Met Trp Arg Ala Ser Pro Gly Met
1 5

<210> 19620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19620
Val Trp Ser Thr Leu Leu Ser Leu Val
1 5

<210> 19621
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19621
Val Gln Ala Pro Arg Thr Trp Pro Trp
1 5

<210> 19622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19622
Trp Trp Arg Leu Met Gly Thr Met Trp
1 5

<210> 19623
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19623
Arg Ala Arg Pro Val Gly Val Trp Ser
1 5

<210> 19624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19624
Gly Thr Met Trp Arg Ala Ser Pro Gly
1 5

<210> 19625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19625
Met Trp Arg Ala Ser Pro Gly Met Arg
1 5

<210> 19626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19626
Gln Pro Cys Trp Ile Gly Ala Pro Arg
1 5

<210> 19627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19627
Cys Trp Ile Gly Ala Pro Arg Ala Arg
1 5

<210> 19628
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19628
Leu Leu Ser Leu Val Gln Ala Pro Arg
1 5

<210> 19629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19629

Glu Thr Leu Ala Ser Pro Cys Gly Ala
1 5

<210> 19630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19630
Cys Pro His Leu Pro Ser Gly Ser Trp
1 5

<210> 19631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19631
Ala Pro Arg Ala Arg Pro Val Gly Val
1 5

<210> 19632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19632
Arg Pro Val Gly Val Trp Ser Thr Leu
1 5

<210> 19633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19633
Ser Leu Val Gln Ala Pro Arg Thr Trp
1 5

<210> 19634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19634
Gln Glu Ile Asp Trp Trp Arg Leu Met
1 5

<210> 19635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19635
Trp Arg Ala Ser Pro Gly Met Arg Leu
1 5

<210> 19636
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19636
Arg Ala Ser Pro Gly Met Arg Leu Trp
1 5

<210> 19637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19637
Leu Pro Pro Trp Cys Pro Cys Pro His
1 5

<210> 19638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19638
Ser Pro Cys Gly Ala Gln Pro Cys Trp
1 5

<210> 19639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19639
Trp Pro Trp Gly Trp Cys Gln Glu Ile
1 5

<210> 19640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19640
Gly Val Trp Ser Thr Leu Leu Ser Leu Val
1 5 10

<210> 19641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19641
Trp Ile Gly Ala Pro Arg Ala Arg Pro Val
1 5 10

<210> 19642
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19642
Thr Met Trp Arg Ala Ser Pro Gly Met Arg
1 5 10

<210> 19643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19643
Thr Leu Leu Ser Leu Val Gln Ala Pro Arg
1 5 10

<210> 19644
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19644
Arg Ala Ser Pro Gly Met Arg Leu Trp Arg
1 5 10

<210> 19645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19645
Thr Trp Pro Trp Gly Trp Cys Gln Glu Ile
1 5 10

<210> 19646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19646
Asp Trp Trp Arg Leu Met Gly Thr Met Trp

1 5 10

<210> 19647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19647
Met Trp Arg Ala Ser Pro Gly Met Arg Leu
1 5 10

<210> 19648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19648
Arg Ala Arg Pro Val Gly Val Trp Ser Thr
1 5 10

<210> 19649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19649
Gly Thr Met Trp Arg Ala Ser Pro Gly Met
1 5 10

<210> 19650
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19650
Trp Trp Arg Leu Met Gly Thr Met Trp Arg
1 5 10

<210> 19651

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19651
Phe Pro Val Asp Leu Arg Leu Pro Pro Trp
1 5 10

<210> 19652
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19652
Ala Pro Arg Ala Arg Pro Val Gly Val Trp
1 5 10

<210> 19653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19653
Arg Pro Val Gly Val Trp Ser Thr Leu Leu
1 5 10

<210> 19654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19654
Gly Ser Trp Ser Cys Asn Asp Gly Pro Leu
1 5 10

<210> 19655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19655
Val Gly Val Trp Ser Thr Leu Leu Ser Leu
1 5 10

<210> 19656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19656
Leu Ser Leu Val Gln Ala Pro Arg Thr Trp
1 5 10

<210> 19657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19657
Leu Val Gln Ala Pro Arg Thr Trp Pro Trp
1 5 10

<210> 19658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19658
Cys Gln Glu Ile Asp Trp Trp Arg Leu Met
1 5 10

<210> 19659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19659
Ile Asp Trp Trp Arg Leu Met Gly Thr Met
1 5 10

<210> 19660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19660
Trp Arg Ala Ser Pro Gly Met Arg Leu Trp
1 5 10

<210> 19661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19661
Leu Glu Thr Leu Ala Ser Pro Cys Gly Ala
1 5 10

<210> 19662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19662
Leu Pro Pro Trp Cys Pro Cys Pro His Leu
1 5 10

<210> 19663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19663
Gly Ala Gly Lys Met Glu Ala Ser Lys
1 5

<210> 19664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19664
Ala Gly Lys Met Glu Ala Ser Lys Tyr
1 5

<210> 19665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19665
Gly Lys Met Glu Ala Ser Lys Tyr Ile
1 5

<210> 19666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19666
Lys Met Glu Ala Ser Lys Tyr Ile Met
1 5

<210> 19667
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19667
Ser Gly Ala Gly Lys Met Glu Ala Ser Lys
1 5 10

<210> 19668
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19668
Gly Ala Gly Lys Met Glu Ala Ser Lys Tyr
1 5 10

<210> 19669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19669
Met Glu Ala Ser Lys Tyr Ile Met Gln Tyr
1 5 10

<210> 19670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19670
Gly Lys Met Glu Ala Ser Lys Tyr Ile Met
1 5 10

<210> 19671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19671
Gly Glu Ser Gly Ala Gly Lys Met Glu Ala
1 5 10

<210> 19672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19672
Lys Ser Ser Ile Asn Asp Ala Ala Lys
1 5

<210> 19673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19673
Ser Ile Asn Asp Ala Ala Lys Phe Arg
1 5

<210> 19674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19674
Lys Phe Arg Val Val Ala Asp Ala Met
1 5

<210> 19675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19675
Asp Ala Ala Lys Phe Arg Val Val Ala
1 5

<210> 19676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19676
Ser Ser Ile Asn Asp Ala Ala Lys Phe
1 5

<210> 19677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19677
Ser Ile Asn Asp Ala Ala Lys Phe Arg Val
1 5 10

<210> 19678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19678
Ser Ser Ile Asn Asp Ala Ala Lys Phe Arg
1 5 10

<210> 19679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19679
Ala Ala Lys Phe Arg Val Val Ala Asp Ala
1 5 10

<210> 19680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19680
Lys Phe Arg Val Val Ala Asp Ala Met Lys
1 5 10

<210> 19681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19681
Lys Ser Ser Ile Asn Asp Ala Ala Lys Phe
1 5 10

<210> 19682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19682
Ala Lys Phe Arg Val Val Ala Asp Ala Met
1 5 10

<210> 19683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19683
Ala Ile Gly Glu Lys His Phe His Ile
1 5

<210> 19684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19684
Ile Gly Glu Lys His Phe His Ile Phe
1 5

<210> 19685
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19685
Lys His Phe His Ile Phe Tyr Tyr Ile
1 5

<210> 19686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19686
His Phe His Ile Phe Tyr Tyr Ile Tyr
1 5

<210> 19687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19687
His Gln Ala Ile Gly Glu Lys His Phe
1 5

<210> 19688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19688
Gly Glu Lys His Phe His Ile Phe Tyr
1 5

<210> 19689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19689
Glu Lys His Phe His Ile Phe Tyr Tyr
1 5

<210> 19690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19690
His Phe His Ile Phe Tyr Tyr Ile Tyr Ala
1 5 10

<210> 19691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19691
Ile Gly Glu Lys His Phe His Ile Phe Tyr
1 5 10

<210> 19692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19692
Gly Glu Lys His Phe His Ile Phe Tyr Tyr
1 5 10

<210> 19693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19693

Lys His Phe His Ile Phe Tyr Tyr Ile Tyr
1 5 10

<210> 19694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19694
Gln Ala Ile Gly Glu Lys His Phe His Ile
1 5 10

<210> 19695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19695
Ile His Gln Ala Ile Gly Glu Lys His Phe
1 5 10

<210> 19696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19696
Ala Ile Gly Glu Lys His Phe His Ile Phe
1 5 10

<210> 19697
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19697
Ala Ile Gly Glu Lys Ser Phe His Ile
1 5

<210> 19698
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19698
Lys Ser Phe His Ile Phe Tyr Tyr Ile
1 5

<210> 19699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19699
Gly Glu Lys Ser Phe His Ile Phe Tyr
1 5

<210> 19700
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19700
Ser Phe His Ile Phe Tyr Tyr Ile Tyr
1 5

<210> 19701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19701
His Gln Ala Ile Gly Glu Lys Ser Phe
1 5

<210> 19702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19702
Ile Gly Glu Lys Ser Phe His Ile Phe
1 5

<210> 19703
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19703
Glu Lys Ser Phe His Ile Phe Tyr Tyr
1 5

<210> 19704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19704
Lys Ser Phe His Ile Phe Tyr Tyr Ile Tyr
1 5 10

<210> 19705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19705
Ser Phe His Ile Phe Tyr Tyr Ile Tyr Ala
1 5 10

<210> 19706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19706
Ile Gly Glu Lys Ser Phe His Ile Phe Tyr
1 5 10

<210> 19707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19707
Gly Glu Lys Ser Phe His Ile Phe Tyr Tyr
1 5 10

<210> 19708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19708
Gln Ala Ile Gly Glu Lys Ser Phe His Ile
1 5 10

<210> 19709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19709
Ile His Gln Ala Ile Gly Glu Lys Ser Phe
1 5 10

<210> 19710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19710
His Gln Ala Ile Gly Glu Lys Ser Phe His

1 5 10

<210> 19711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19711
Ala Ile Gly Glu Lys Ser Phe His Ile Phe
1 5 10

<210> 19712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19712
Val Ile Asn Ala Arg Asn Ala Leu Val
1 5

<210> 19713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19713
Leu Val Lys His Ile Tyr Ala Gln Leu
1 5

<210> 19714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19714
Arg Asn Ala Leu Val Lys His Ile Tyr
1 5

<210> 19715

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19715
Val Lys His Ile Tyr Ala Gln Leu Phe
1 5

<210> 19716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19716
Ala Leu Val Lys His Ile Tyr Ala Gln Leu
1 5 10

<210> 19717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19717
Gln Val Ile Asn Ala Arg Asn Ala Leu Val
1 5 10

<210> 19718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19718
Val Ile Asn Ala Arg Asn Ala Leu Val Lys
1 5 10

<210> 19719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19719
Arg Asn Ala Leu Val Lys His Ile Tyr Ala
1 5 10

<210> 19720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19720
Leu Val Lys His Ile Tyr Ala Gln Leu Phe
1 5 10

<210> 19721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19721
Ala Arg Asn Ala Leu Val Lys His Ile Tyr
1 5 10

<210> 19722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19722
Phe Phe Asn Arg Tyr Leu Val Leu Val
1 5

<210> 19723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19723
Asp Phe Phe Asn Arg Tyr Leu Val Leu
1 5

<210> 19724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19724
Phe Asn Arg Tyr Leu Val Leu Val Lys
1 5

<210> 19725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19725
His Asp Phe Phe Asn Arg Tyr Leu Val
1 5

<210> 19726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19726
Ala Tyr His Asp Phe Phe Asn Arg Tyr Leu
1 5 10

<210> 19727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19727
His Asp Phe Phe Asn Arg Tyr Leu Val Leu
1 5 10

<210> 19728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19728
Lys Thr Ala Gly Arg Gly Ser Arg Lys
1 5

<210> 19729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19729
Leu Gln Lys Lys Lys Thr Ala Gly Arg
1 5

<210> 19730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19730
Gly Ser Arg Lys Ala Glu Ala Tyr Ser
1 5

<210> 19731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19731
Glu Ala Tyr Ser Arg Arg Asn Gly Lys
1 5

<210> 19732
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19732
Tyr Ser Arg Arg Asn Gly Lys Gly Lys
1 5

<210> 19733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19733
Arg Gly Ser Arg Lys Ala Glu Ala Tyr
1 5

<210> 19734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19734
Lys Thr Ala Gly Arg Gly Ser Arg Lys Ala
1 5 10

<210> 19735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19735
Gly Ser Arg Lys Ala Glu Ala Tyr Ser Arg
1 5 10

<210> 19736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19736
Ala Tyr Ser Arg Arg Asn Gly Lys Gly Lys
1 5 10

<210> 19737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19737
Tyr Ser Arg Arg Asn Gly Lys Gly Lys Lys
1 5 10

<210> 19738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19738
Phe Ile Arg Pro Ala Asn Gln Tyr Lys
1 5

<210> 19739
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19739
Ile Pro Phe Ile Arg Pro Ala Asn Gln Tyr
1 5 10

<210> 19740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19740
Val Leu Leu Ile His His Lys Thr Lys
1 5

<210> 19741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19741
Leu Leu Ile His His Lys Thr Lys Asp Leu
1 5 10

<210> 19742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19742
Gly Val Leu Leu Ile His His Lys Thr Lys
1 5 10

<210> 19743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19743
Arg His Gly Val Leu Leu Ile His His Lys
1 5 10

<210> 19744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19744
His Lys Thr Lys Asp Leu Leu Thr Thr Tyr
1 5 10

<210> 19745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19745
Leu Gln Asn Arg Phe Lys His Glu Lys
1 5

<210> 19746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19746
Thr Leu Leu Glu Asn Leu Gln Asn Arg
1 5

<210> 19747
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19747
Leu Leu Glu Asn Leu Gln Asn Arg Phe
1 5

<210> 19748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19748
Lys Thr Leu Leu Glu Asn Leu Gln Asn Arg
1 5 10

<210> 19749
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19749
Thr Leu Leu Glu Asn Leu Gln Asn Arg Phe
1 5 10

<210> 19750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19750
Leu Gln Asn Arg Phe Lys His Glu Lys Ile
1 5 10

<210> 19751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19751
Ser Val Ile Asp Gln Leu Ser Gln Thr
1 5

<210> 19752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19752
Gln Thr His Leu Asn Thr Leu Glu Arg
1 5

<210> 19753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19753
Leu Ser Gln Thr His Leu Asn Thr Leu
1 5

<210> 19754
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19754
Gln Leu Ser Gln Thr His Leu Asn Thr Leu
1 5 10

<210> 19755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19755
Arg Val Leu Leu Trp Pro Arg Leu Ala
1 5

<210> 19756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19756
His Arg Val Leu Leu Trp Pro Arg Leu
1 5

<210> 19757
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19757

His Pro Ser Pro Val His Val Cys Met
1 5

<210> 19758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19758
Met Glu Glu Ser Leu Met Ser Ser Leu
1 5

<210> 19759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19759
Cys Met Glu Glu Ser Leu Met Ser Ser Leu
1 5 10

<210> 19760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19760
Val His Val Cys Met Glu Glu Ser Leu Met
1 5 10

<210> 19761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19761
Gly Lys Gln Gly Leu Gly Pro Pro Ala
1 5

<210> 19762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19762
Ser Gln Gln Gln Gln Gln His Arg Phe
1 5 10

<210> 19763
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19763
Gly Pro Gly Ala Gln Gly Ala Ser Trp
1 5

<210> 19764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19764
Ser Ala Cys Ser Glu Ala His Gln Ser Lys
1 5 10

<210> 19765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19765
Ala Val Arg Gly Pro Gly Ala Gln Gly Ala
1 5 10

<210> 19766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19766
Ala Phe Arg Gln Ala Ser Ala Ser Ser
1 5

<210> 19767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19767
Arg Glu Ser Glu Ala Phe Arg Gln Ala
1 5

<210> 19768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19768
Ser Glu Ala Phe Arg Gln Ala Ser Ala
1 5

<210> 19769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19769
Arg Gln Ala Ser Ala Ser Ser Ser Gln
1 5

<210> 19770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19770
Ala Phe Arg Gln Ala Ser Ala Ser Ser Ser
1 5 10

<210> 19771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19771
Arg Glu Ser Glu Ala Phe Arg Gln Ala Ser
1 5 10

<210> 19772
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19772
Arg Gln Ala Ser Ala Ser Ser Ser Gln Gln
1 5 10

<210> 19773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19773
Ser Glu Ala Phe Arg Gln Ala Ser Ala Ser
1 5 10

<210> 19774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19774
Val Ser Val Ser Asp Thr Asn Gly Val

1 5

<210> 19775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19775
Asp Thr Asn Gly Val Ser Ser Ser Phe
1 5

<210> 19776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19776
Asn Gly Val Ser Ser Ser Phe Val Leu
1 5

<210> 19777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19777
Ser Val Ser Val Ser Asp Thr Asn Gly Val
1 5 10

<210> 19778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19778
Asp Thr Asn Gly Val Ser Ser Ser Phe Val
1 5 10

<210> 19779

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19779
Ser Asp Thr Asn Gly Val Ser Ser Ser Phe
1 5 10

<210> 19780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19780
Thr Thr Lys Pro Thr Asp Asp Thr Thr Val
1 5 10

<210> 19781
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19781
Glu Val Val Lys Val Thr Thr Glu Arg
1 5

<210> 19782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19782
Ala Glu Glu Val Val Lys Val Thr Thr
1 5

<210> 19783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19783
Gln Glu Arg Asn Gln Gln Gln Asn Met
1 5

<210> 19784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19784
Gln Gln Gln Asn Met Asn Ile Arg Gln His
1 5 10

<210> 19785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19785
Leu Leu Gly Gln Ser Cys Ile Gly Val
1 5

<210> 19786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19786
Phe Asp Leu Leu Gly Gln Ser Cys Ile
1 5

<210> 19787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19787
Leu Leu Gly Gln Ser Cys Ile Gly Val Lys
1 5 10

<210> 19788
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19788
Asn Gln Glu Thr Gln Gly Ser Lys Leu
1 5

<210> 19789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19789
His Glu Val Glu Arg His Phe Leu Arg
1 5

<210> 19790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19790
Tyr Leu Leu Asp Gln Leu Lys Asp Val
1 5

<210> 19791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19791
Arg Ile Glu Asn Ser Phe Lys Tyr Leu
1 5

<210> 19792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19792
Ile Glu Asn Ser Phe Lys Tyr Leu Leu
1 5

<210> 19793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19793
Lys Tyr Leu Leu Asp Gln Leu Lys Asp Val
1 5 10

<210> 19794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19794
Tyr Leu Leu Asp Gln Leu Lys Asp Val Phe
1 5 10

<210> 19795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19795
Ser Phe Lys Tyr Leu Leu Asp Gln Leu Lys
1 5 10

<210> 19796
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19796
Gln Glu Arg Ile Glu Asn Ser Phe Lys Tyr
1 5 10

<210> 19797
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19797
Asn Ser Phe Lys Tyr Leu Leu Asp Gln Leu
1 5 10

<210> 19798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19798
Arg Leu Gln Lys Ala Phe Arg Asp Trp
1 5

<210> 19799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19799
His Val Arg Arg Leu Gln Lys Ala Phe
1 5

<210> 19800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19800
Leu Gln Lys Ala Phe Arg Asp Trp Val
1 5

<210> 19801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19801
Arg Leu Gln Lys Ala Phe Arg Asp Trp Val
1 5 10

<210> 19802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19802
His Val Arg Arg Leu Gln Lys Ala Phe Arg
1 5 10

<210> 19803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19803
Leu His Val Arg Arg Leu Gln Lys Ala Phe
1 5 10

<210> 19804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19804
Arg Arg Leu Gln Lys Ala Phe Arg Asp Trp
1 5 10

<210> 19805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19805
Leu Gln Lys Ala Phe Arg Asp Trp Val Thr
1 5 10

<210> 19806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19806
Arg Gly Ala Gly Lys Ser Glu Pro Leu
1 5

<210> 19807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19807
Glu Pro Leu Pro Ser Cys Ser Pro Ser Met
1 5 10

<210> 19808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19808
Phe Arg Gly Ala Gly Lys Ser Glu Pro Leu
1 5 10

<210> 19809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19809
Arg Val Ser Tyr Thr Phe Glu Phe His
1 5

<210> 19810
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19810
Pro Gly Gln Arg Val Ser Tyr Thr Phe
1 5

<210> 19811
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19811
Gln Arg Val Ser Tyr Thr Phe Glu Phe
1 5

<210> 19812
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19812
Ser Lys Pro Gly Gln Arg Val Ser Tyr
1 5

<210> 19813
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19813
Arg Val Ser Tyr Thr Phe Glu Phe His Phe
1 5 10

<210> 19814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19814
Ser Leu Lys Phe Ser Lys Pro Gly Gln Arg
1 5 10

<210> 19815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19815
Phe Ser Lys Pro Gly Gln Arg Val Ser Tyr
1 5 10

<210> 19816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19816
Lys Pro Gly Gln Arg Val Ser Tyr Thr Phe
1 5 10

<210> 19817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19817
Gly Gln Arg Val Ser Tyr Thr Phe Glu Phe
1 5 10

<210> 19818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19818
Leu Lys Phe Ser Lys Pro Gly Gln Arg Val
1 5 10

<210> 19819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19819
Val Gln Asn Glu Ser Phe Phe Asn Phe
1 5

<210> 19820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19820
Lys Gln Val Gln Asn Glu Ser Phe Phe
1 5

<210> 19821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19821

Thr Lys Gln Val Gln Asn Glu Ser Phe
1 5

<210> 19822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19822
Gln Val Gln Asn Glu Ser Phe Phe Asn Phe
1 5 10

<210> 19823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19823
Val Gln Asn Glu Ser Phe Phe Asn Phe Phe
1 5 10

<210> 19824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19824
Ile Thr Lys Gln Val Gln Asn Glu Ser Phe
1 5 10

<210> 19825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19825
Thr Lys Gln Val Gln Asn Glu Ser Phe Phe
1 5 10

<210> 19826
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19826
Trp Leu His His Gln Phe Asp Pro Lys
1 5

<210> 19827
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19827
Val Pro Cys Trp Leu His His Gln Phe
1 5

<210> 19828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19828
His Gln Phe Asp Pro Lys Ala Ser Ser
1 5

<210> 19829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19829
Trp Leu His His Gln Phe Asp Pro Lys Ala
1 5 10

<210> 19830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19830
Cys Trp Leu His His Gln Phe Asp Pro Lys
1 5 10

<210> 19831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19831
Ser Val Pro Cys Trp Leu His His Gln Phe
1 5 10

<210> 19832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19832
Gln Phe Asp Pro Lys Ala Ser Ser Ser Phe
1 5 10

<210> 19833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19833
His Gln Phe Asp Pro Lys Ala Ser Ser Ser
1 5 10

<210> 19834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19834
Phe Thr Phe Gly Arg Thr Phe Arg Ala
1 5

<210> 19835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19835
Phe Thr Gln Val Phe Thr Phe Gly Arg
1 5

<210> 19836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19836
Val Phe Thr Phe Gly Arg Thr Phe Arg
1 5

<210> 19837
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19837
Gln Val Phe Thr Phe Gly Arg Thr Phe
1 5

<210> 19838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19838
Gln Val Phe Thr Phe Gly Arg Thr Phe Arg

1 5 10

<210> 19839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19839
Ala Phe Thr Gln Val Phe Thr Phe Gly Arg
1 5 10

<210> 19840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19840
Thr Gln Val Phe Thr Phe Gly Arg Thr Phe
1 5 10

<210> 19841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19841
Ala Ala Ala Thr Pro Leu Pro Leu Val
1 5

<210> 19842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19842
Ala Ala Thr Pro Leu Pro Leu Val Lys
1 5

<210> 19843

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19843
Glu Ala Ala Ala Thr Pro Leu Pro Leu
1 5

<210> 19844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19844
Thr Pro Leu Pro Leu Val Lys Ser Leu
1 5

<210> 19845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19845
Ile Asp Glu Ala Ala Ala Thr Pro Leu
1 5

<210> 19846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19846
Asp Glu Ala Ala Ala Thr Pro Leu Pro
1 5

<210> 19847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19847
Val Ile Asp Glu Ala Ala Ala Thr Pro Leu
1 5 10

<210> 19848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19848
Ala Ala Ala Thr Pro Leu Pro Leu Val Lys
1 5 10

<210> 19849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19849
Glu Ala Ala Ala Thr Pro Leu Pro Leu Val
1 5 10

<210> 19850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19850
Thr Pro Leu Pro Leu Val Lys Ser Leu Leu
1 5 10

<210> 19851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19851
Asp Glu Ala Ala Ala Thr Pro Leu Pro Leu
1 5 10

<210> 19852
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19852
Lys Lys Gly Pro Val Ser Pro Arg Asn Leu
1 5 10

<210> 19853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19853
Lys Leu Cys Pro Gln Leu Ala Glu Asn Lys
1 5 10

<210> 19854
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19854
Arg Cys Tyr Ser Thr Pro Ser Asp Ile
1 5

<210> 19855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19855
Thr Pro Ser Asp Ile Leu Asn Cys Leu
1 5

<210> 19856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19856
Ser Thr Pro Ser Asp Ile Leu Asn Cys Leu
1 5 10

<210> 19857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19857
Arg Cys Tyr Ser Thr Pro Ser Asp Ile Leu
1 5 10

<210> 19858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19858
Leu Pro Glu Val Val Glu Pro Glu Val
1 5

<210> 19859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19859
Glu Leu Pro Glu Val Val Glu Pro Glu Val
1 5 10

<210> 19860
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19860
Asp Thr Leu Phe Asn Cys Leu Gly Leu
1 5

<210> 19861
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19861
Thr Leu Phe Asn Cys Leu Gly Leu Gly Ala
1 5 10

<210> 19862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19862
Ile Ile Lys Asp Thr Leu Phe Asn Cys Leu
1 5 10

<210> 19863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19863
Lys Asp Thr Leu Phe Asn Cys Leu Gly Leu
1 5 10

<210> 19864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19864
Thr Leu Glu Ala Ile Thr His Leu Leu
1 5

<210> 19865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19865
Lys Asn Arg Pro Thr Leu Glu Ala Ile
1 5

<210> 19866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19866
Leu Glu Ala Ile Thr His Leu Leu Gly
1 5

<210> 19867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19867
His Gln Lys Asn Arg Pro Thr Leu Glu Ala
1 5 10

<210> 19868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19868
Arg Pro Thr Leu Glu Ala Ile Thr His Leu
1 5 10

<210> 19869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19869
Ile Asn His Gln Lys Asn Arg Pro Thr Leu
1 5 10

<210> 19870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19870
Gln Lys Asn Arg Pro Thr Leu Glu Ala Ile
1 5 10

<210> 19871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19871
Leu Glu Ala Ile Thr His Leu Leu Gly Val
1 5 10

<210> 19872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19872
Gln Pro Pro Pro Arg Ser Glu Val Leu
1 5

<210> 19873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19873
Arg Ser Glu Val Leu Ser Cys Pro Leu
1 5

<210> 19874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19874
Glu Ala Pro Ala Ser Gln Pro Pro Pro Arg
1 5 10

<210> 19875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19875
Ser Gln Pro Pro Pro Arg Ser Glu Val Leu
1 5 10

<210> 19876
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19876
Lys Met Ile Leu Thr Leu Met Tyr Ile
1 5

<210> 19877
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19877
Met Ile Leu Thr Leu Met Tyr Ile Leu
1 5

<210> 19878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19878
Tyr Ile Leu Glu Lys Gln Arg Leu Leu
1 5

<210> 19879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19879
Ile Leu Lys Leu Thr Leu Lys Met Ile
1 5

<210> 19880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19880
Thr Leu Lys Met Ile Leu Thr Leu Met
1 5

<210> 19881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19881
Leu Thr Leu Met Tyr Ile Leu Glu Lys
1 5

<210> 19882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19882
Met Tyr Ile Leu Glu Lys Gln Arg Leu
1 5

<210> 19883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19883
Lys Lys Ser Thr Lys Lys Ile Leu Lys
1 5

<210> 19884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19884
Lys Ile Leu Lys Leu Thr Leu Lys Met
1 5

<210> 19885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19885

Leu Lys Met Ile Leu Thr Leu Met Tyr
1 5

<210> 19886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19886
Leu Met Tyr Ile Leu Glu Lys Gln Arg
1 5

<210> 19887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19887
Leu Lys Leu Thr Leu Lys Met Ile Leu
1 5

<210> 19888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19888
Leu Thr Leu Lys Met Ile Leu Thr Leu
1 5

<210> 19889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19889
Leu Glu Lys Gln Arg Leu Leu Leu Phe
1 5

<210> 19890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19890
Lys Leu Thr Leu Lys Met Ile Leu Thr Leu
1 5 10

<210> 19891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19891
Lys Met Ile Leu Thr Leu Met Tyr Ile Leu
1 5 10

<210> 19892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19892
Tyr Ile Leu Glu Lys Gln Arg Leu Leu Leu
1 5 10

<210> 19893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19893
Ile Leu Thr Leu Met Tyr Ile Leu Glu Lys
1 5 10

<210> 19894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19894
Met Tyr Ile Leu Glu Lys Gln Arg Leu Leu
1 5 10

<210> 19895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19895
Ile Leu Glu Lys Gln Arg Leu Leu Leu Phe
1 5 10

<210> 19896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19896
Lys Lys Lys Ser Thr Lys Lys Ile Leu Lys
1 5 10

<210> 19897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19897
Ser Thr Lys Lys Ile Leu Lys Leu Thr Leu
1 5 10

<210> 19898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19898
Thr Leu Lys Met Ile Leu Thr Leu Met Tyr
1 5 10

<210> 19899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19899
Thr Leu Met Tyr Ile Leu Glu Lys Gln Arg
1 5 10

<210> 19900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19900
Ile Leu Lys Leu Thr Leu Lys Met Ile Leu
1 5 10

<210> 19901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19901
Lys Lys Ser Thr Lys Lys Ile Leu Lys Leu
1 5 10

<210> 19902
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19902
Lys Lys Ile Leu Lys Leu Thr Leu Lys Met

1 5 10

<210> 19903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19903
Leu Thr Leu Lys Met Ile Leu Thr Leu Met
1 5 10

<210> 19904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19904
Leu Lys Met Ile Leu Thr Leu Met Tyr Ile
1 5 10

<210> 19905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19905
Leu Met Tyr Ile Leu Glu Lys Gln Arg Leu
1 5 10

<210> 19906
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19906
Gln Thr Ala Ala Ala Ala Ala Ala Ala
1 5

<210> 19907

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19907
Met Gln Gln Gln Gln Gln Thr Ala
1 5

<210> 19908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19908
Gln Gln Gln Gln Gln Thr Ala Ala
1 5

<210> 19909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19909
Gln Gln Gln Gln Gln Thr Ala Ala Ala
1 5

<210> 19910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19910
Gln Gln Gln Gln Thr Ala Ala Ala Ala
1 5

<210> 19911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19911
Gln Gln Gln Thr Ala Ala Ala Ala Ala
1 5

<210> 19912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19912
Gln Gln Thr Ala Ala Ala Ala Ala Ala
1 5

<210> 19913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19913
Met Met Met Gln Gln Gln Gln Gln Gln Thr
1 5 10

<210> 19914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19914
Met Met Gln Gln Gln Gln Gln Gln Thr Ala
1 5 10

<210> 19915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19915
Ala Thr Ala Thr Ala Thr Ala Thr Ala Ala
1 5 10

<210> 19916
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19916
Ala Thr Ala Thr Ala Thr Ala Ala Thr Ala
1 5 10

<210> 19917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19917
Gln Thr Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> 19918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19918
Thr Ala Ala Thr Ala Ala Asn Pro Gly Leu
1 5 10

<210> 19919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19919
Met Gln Gln Gln Gln Gln Gln Thr Ala Ala
1 5 10

<210> 19920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19920
Gln Gln Gln Gln Gln Gln Thr Ala Ala Ala
1 5 10

<210> 19921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19921
Gln Gln Gln Gln Gln Thr Ala Ala Ala Ala
1 5 10

<210> 19922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19922
Gln Gln Gln Gln Thr Ala Ala Ala Ala Ala
1 5 10

<210> 19923
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19923
Gln Gln Gln Thr Ala Ala Ala Ala Ala Ala
1 5 10

<210> 19924
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19924
Gln Gln Thr Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> 19925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19925
Leu Leu Gln Lys Lys Ala Gln Glu Val
1 5

<210> 19926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19926
Leu Gln Lys Lys Ala Gln Glu Val Leu
1 5

<210> 19927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19927
Trp Leu Leu Gln Lys Lys Ala Gln Glu Val
1 5 10

<210> 19928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19928
Leu Leu Gln Lys Lys Ala Gln Glu Val Leu
1 5 10

<210> 19929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19929
Leu Gln Lys Lys Ala Gln Glu Val Leu Leu
1 5 10

<210> 19930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19930
Ser Ser Val Ser Asp Lys Leu Lys Lys
1 5

<210> 19931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19931
Gly Ser Ser Val Ser Asp Lys Leu Lys Lys
1 5 10

<210> 19932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19932
Tyr Gln Ser His Leu Pro Thr His Leu
1 5

<210> 19933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19933
Glu Val Tyr Gln Ser His Leu Pro Thr
1 5

<210> 19934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19934
Val Tyr Gln Ser His Leu Pro Thr His Leu
1 5 10

<210> 19935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19935
Glu Val Tyr Gln Ser His Leu Pro Thr His
1 5 10

<210> 19936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19936
Gly Glu Val Tyr Gln Ser His Leu Pro Thr
1 5 10

<210> 19937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19937
Leu Leu Trp Met Gly Leu Ala Phe Leu
1 5

<210> 19938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19938
Trp Met Gly Leu Ala Phe Leu Val Leu
1 5

<210> 19939
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19939
Ala Gln Asn Leu Leu Trp Met Gly Leu
1 5

<210> 19940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19940
Leu Trp Met Gly Leu Ala Phe Leu Val
1 5

<210> 19941
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19941
His Thr Ala Gln Asn Leu Leu Trp Met
1 5

<210> 19942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19942
Asn Leu Leu Trp Met Gly Leu Ala Phe
1 5

<210> 19943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19943
Asn Leu Leu Trp Met Gly Leu Ala Phe Leu
1 5 10

<210> 19944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19944
Leu Leu Trp Met Gly Leu Ala Phe Leu Val
1 5 10

<210> 19945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19945
Trp Met Gly Leu Ala Phe Leu Val Leu Val
1 5 10

<210> 19946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19946
Ala Gln Asn Leu Leu Trp Met Gly Leu Ala
1 5 10

<210> 19947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19947
Leu Trp Met Gly Leu Ala Phe Leu Val Leu
1 5 10

<210> 19948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19948
Gln Asn Leu Leu Trp Met Gly Leu Ala Phe
1 5 10

<210> 19949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19949

Gly Ile Tyr Pro Val His Val Gln Leu
1 5

<210> 19950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19950
Ala Val Ala Pro His His Ser Gly Ile
1 5

<210> 19951
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19951
Ile Tyr Pro Val His Val Gln Leu Tyr
1 5

<210> 19952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19952
Val Ala Pro His His Ser Gly Ile Tyr
1 5

<210> 19953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19953
Gly Ile Tyr Pro Val His Val Gln Leu Tyr
1 5 10

<210> 19954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19954
Ala Val Ala Pro His His Ser Gly Ile Tyr
1 5 10

<210> 19955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19955
Tyr Ala Val Ala Pro His His Ser Gly Ile
1 5 10

<210> 19956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19956
Ala Pro His His Ser Gly Ile Tyr Pro Val
1 5 10

<210> 19957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19957
Ser Gly Ile Tyr Pro Val His Val Gln Leu
1 5 10

<210> 19958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19958
His Gln Glu Glu Leu Pro Pro Pro Leu
1 5

<210> 19959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19959
Leu Pro Pro Pro Leu Pro Pro Gly Trp
1 5

<210> 19960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19960
Val Met Ala Thr Lys Met Ala Thr Leu
1 5

<210> 19961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19961
Thr Leu His Tyr Pro Ser Thr Thr Ala
1 5

<210> 19962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 19962
Ala Thr Lys Met Ala Thr Leu His Tyr
1 5

<210> 19963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19963
Lys Met Ala Thr Leu His Tyr Pro Ser
1 5

<210> 19964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19964
Met Ala Thr Lys Met Ala Thr Leu His Tyr
1 5 10

<210> 19965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19965
Ile Val Met Ala Thr Lys Met Ala Thr Leu
1 5 10

<210> 19966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19966
Lys Met Ala Thr Leu His Tyr Pro Ser Thr

1 5 10

<210> 19967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19967
Thr Leu His Tyr Pro Ser Thr Thr Ala Leu
1 5 10

<210> 19968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19968
Ala Thr Lys Met Ala Thr Leu His Tyr Pro
1 5 10

<210> 19969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19969
Ala Thr Leu His Tyr Pro Ser Thr Thr Ala
1 5 10

<210> 19970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19970
Val Met Ala Thr Lys Met Ala Thr Leu His
1 5 10

<210> 19971

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19971
Thr Lys Met Ala Thr Leu His Tyr Pro Ser
1 5 10

<210> 19972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19972
Ser Val Gly Ser Gln Asn Asp Thr Tyr
1 5

<210> 19973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19973
Asp Thr Tyr Asp Val Pro Arg Gly Val
1 5

<210> 19974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19974
Thr Tyr Asp Val Pro Arg Gly Val Gln Phe
1 5 10

<210> 19975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19975
Gln Ser Val Gly Ser Gln Asn Asp Thr Tyr
1 5 10

<210> 19976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19976
Lys Ala Lys Ser Pro Thr Lys Glu Lys
1 5

<210> 19977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19977
Lys Ser Pro Thr Lys Glu Lys Ala Lys
1 5

<210> 19978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19978
Lys Glu Lys Ala Lys Ser Pro Glu Lys
1 5

<210> 19979
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19979
Lys Ala Lys Ser Pro Thr Lys Glu Lys Ala
1 5 10

<210> 19980
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19980
Lys Glu Lys Ala Lys Ser Pro Glu Lys Ala
1 5 10

<210> 19981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19981
Glu Glu Ala Lys Ser Pro Val Lys Ala
1 5

<210> 19982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19982
Lys Glu Glu Ala Lys Ser Pro Val Lys Ala
1 5 10

<210> 19983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19983
Lys Ser Pro Glu Lys Ala Glu Ala Lys
1 5

<210> 19984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19984
Lys Ala Lys Ser Pro Glu Lys Ala Glu Ala
1 5 10

<210> 19985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19985
Ala Leu Arg Lys Asp Ile Glu Glu Val
1 5

<210> 19986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19986
Glu Val Ser Leu Val Lys Val Glu Leu
1 5

<210> 19987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19987
Arg Lys Asp Ile Glu Glu Val Ser Leu
1 5

<210> 19988
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19988
Ile Glu Glu Val Ser Leu Val Lys Val
1 5

<210> 19989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19989
Val Ser Leu Val Lys Val Glu Leu Asp Lys
1 5 10

<210> 19990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19990
Glu Glu Val Ser Leu Val Lys Val Glu Leu
1 5 10

<210> 19991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 19991
Lys Ala Lys Leu Cys Gly Glu Lys Lys
1 5

<210> 19992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19992
Gln Ile Lys Ala Lys Leu Cys Gly Glu Lys
1 5 10

<210> 19993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19993
Asn Ser Lys Gln Met Gln Glu Leu Arg
1 5

<210> 19994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19994
Gln Met Gln Glu Leu Arg Ser Arg Asn Phe
1 5 10

<210> 19995
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19995
Glu Lys Tyr Glu Glu Asn Ser Lys Gln Met
1 5 10

<210> 19996
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19996
Lys Gln Met Gln Glu Leu Arg Ser Arg Asn
1 5 10

<210> 19997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19997
Lys Phe Arg Arg Ile Pro Tyr Ser Tyr
1 5

<210> 19998
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19998
Ser Tyr Ser Asp Glu Leu Asn Glu Ile
1 5

<210> 19999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 19999
Ile Pro Tyr Ser Tyr Ser Asp Glu Leu
1 5

<210> 20000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20000
Ser Tyr Ser Asp Glu Leu Asn Glu Ile Ile
1 5 10

<210> 20001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20001
Lys Phe Arg Arg Ile Pro Tyr Ser Tyr Ser
1 5 10

<210> 20002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20002
Gly Lys Phe Arg Arg Ile Pro Tyr Ser Tyr
1 5 10

<210> 20003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20003
Tyr Ser Tyr Ser Asp Glu Leu Asn Glu Ile
1 5 10

<210> 20004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20004
Glu Pro Val Pro Pro Glu Ala Pro Gly Phe
1 5 10

<210> 20005
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20005
Glu Ser Ser Asp His Arg Asn Glu Val
1 5

<210> 20006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20006
Glu Ser Ser Asp His Arg Asn Glu Val Arg
1 5 10

<210> 20007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20007
Leu Glu Ser Ser Asp His Arg Asn Glu Val
1 5 10

<210> 20008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20008
Leu Glu Lys Glu Ala Leu Gly Gln Leu
1 5

<210> 20009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20009
Ala Leu Gly Gln Leu Lys Pro Thr Gly Lys
1 5 10

<210> 20010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20010
Lys Glu Ala Leu Gly Gln Leu Lys Pro Thr
1 5 10

<210> 20011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20011
Gln Thr Arg Ser Gly Pro Val His Val
1 5

<210> 20012
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20012
Arg Ser Gly Pro Val His Val Ser Val
1 5

<210> 20013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20013

Ser Pro Asp Gln Thr Arg Ser Gly Pro Val
1 5 10

<210> 20014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20014
Lys Thr Asp Phe Leu Ser Gly Leu Leu
1 5

<210> 20015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20015
Phe Leu Ser Gly Leu Leu Phe Phe Leu
1 5

<210> 20016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20016
Gly Leu Leu Phe Phe Leu Ala Leu Leu
1 5

<210> 20017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20017
Phe Leu Ala Leu Leu Thr Thr Thr Ser
1 5

<210> 20018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20018
Asp Phe Leu Ser Gly Leu Leu Phe Phe
1 5

<210> 20019
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20019
Arg Phe Lys Thr Asp Phe Leu Ser Gly
1 5

<210> 20020
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20020
Thr Thr Ser Pro Gln Ser Ile Ser Ile
1 5

<210> 20021
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20021
Ser Thr Pro Ser Ile Met Ser Gly Cys
1 5

<210> 20022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20022
Ser Pro Gln Ser Ile Ser Ile Thr Val
1 5

<210> 20023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20023
Phe Lys Thr Asp Phe Leu Ser Gly Leu
1 5

<210> 20024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20024
Thr Asp Phe Leu Ser Gly Leu Leu Phe
1 5

<210> 20025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20025
Ser Gly Leu Leu Phe Phe Leu Ala Leu
1 5

<210> 20026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20026
Gly Ser Gly Ser Thr Pro Ser Ile Met
1 5

<210> 20027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20027
Lys Thr Asp Phe Leu Ser Gly Leu Leu Phe
1 5 10

<210> 20028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20028
Phe Leu Ser Gly Leu Leu Phe Phe Leu Ala
1 5 10

<210> 20029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20029
Leu Leu Phe Phe Leu Ala Leu Leu Thr Thr
1 5 10

<210> 20030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20030
Phe Leu Ala Leu Leu Thr Thr Thr Ser Pro

1 5 10

<210> 20031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20031
Leu Leu Thr Thr Thr Ser Pro Gln Ser Ile
1 5 10

<210> 20032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20032
Asp Phe Leu Ser Gly Leu Leu Phe Phe Leu
1 5 10

<210> 20033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20033
Arg Phe Lys Thr Asp Phe Leu Ser Gly Leu
1 5 10

<210> 20034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20034
Thr Thr Thr Ser Pro Gln Ser Ile Ser Ile
1 5 10

<210> 20035

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20035
Thr Ser Pro Gln Ser Ile Ser Ile Thr Val
1 5 10

<210> 20036
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20036
Thr Pro Gly Ser Gly Ser Thr Pro Ser Ile
1 5 10

<210> 20037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20037
Phe Lys Thr Asp Phe Leu Ser Gly Leu Leu
1 5 10

<210> 20038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20038
Thr Asp Phe Leu Ser Gly Leu Leu Phe Phe
1 5 10

<210> 20039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20039
Leu Ser Gly Leu Leu Phe Phe Leu Ala Leu
1 5 10

<210> 20040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20040
Ala Ile Leu Arg Leu Ser Pro Tyr Val
1 5

<210> 20041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20041
Gly Ser Val Asn Ser Ala Ile Leu Arg
1 5

<210> 20042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20042
Ser Ala Ile Leu Arg Leu Ser Pro Tyr
1 5

<210> 20043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20043
Tyr Pro Gly Ser Val Asn Ser Ala Ile
1 5

<210> 20044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20044
Asn Ser Ala Ile Leu Arg Leu Ser Pro Tyr
1 5 10

<210> 20045
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20045
Ser Ala Ile Leu Arg Leu Ser Pro Tyr Val
1 5 10

<210> 20046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20046
Lys Tyr Pro Gly Ser Val Asn Ser Ala Ile
1 5 10

<210> 20047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20047
Ile Leu Arg Leu Ser Pro Tyr Val Asn Tyr
1 5 10

<210> 20048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20048
Tyr Pro Gly Ser Val Asn Ser Ala Ile Leu
1 5 10

<210> 20049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20049
Glu Met Gln Gln Ser Ile Cys Glu Ala
1 5

<210> 20050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20050
Ser Ile Cys Glu Ala Ala Ala Gln Ile
1 5

<210> 20051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20051
Met Gln Gln Ser Ile Cys Glu Ala Ala
1 5

<210> 20052
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20052
Cys Glu Ala Ala Ala Gln Ile Gln Ser
1 5

<210> 20053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20053
Gln Ser Ile Cys Glu Ala Ala Ala Gln Ile
1 5 10

<210> 20054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20054
Glu Ala Ala Ala Gln Ile Gln Ser Glu Leu
1 5 10

<210> 20055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20055
Met Glu Met Gln Gln Ser Ile Cys Glu Ala
1 5 10

<210> 20056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20056
Met Gln Gln Ser Ile Cys Glu Ala Ala Ala
1 5 10

<210> 20057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20057
Ile Asp Leu Gly Val Ser Gly Glu Val Phe
1 5 10

<210> 20058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20058
Leu Gly Val Ser Gly Glu Val Phe Asp Phe
1 5 10

<210> 20059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20059
Ile Asp Leu Gly Val Ser Gln Glu Val Phe
1 5 10

<210> 20060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20060
Leu Gly Val Ser Gln Glu Val Phe Asp Phe
1 5 10

<210> 20061
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20061
Gln Leu Asp Glu Lys Thr Gly Glu Phe Leu
1 5 10

<210> 20062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20062
Leu Gln Leu Asp Glu Lys Thr Gly Glu Phe
1 5 10

<210> 20063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20063
Asp Glu Lys Thr Gly Glu Phe Leu Pro Ile
1 5 10

<210> 20064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20064
Ala Gln Leu Gln Leu Asp Glu Gln Thr
1 5

<210> 20065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20065
Gln Leu Asp Glu Gln Thr Gly Glu Phe
1 5

<210> 20066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20066
Glu Gln Thr Gly Glu Phe Leu Pro Ile
1 5

<210> 20067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20067
Gln Leu Asp Glu Gln Thr Gly Glu Phe Leu
1 5 10

<210> 20068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20068
Leu Gln Leu Asp Glu Gln Thr Gly Glu Phe
1 5 10

<210> 20069
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20069
Asp Glu Gln Thr Gly Glu Phe Leu Pro Ile
1 5 10

<210> 20070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20070
Gln Leu Asp Glu Glu Thr Ser Glu Phe
1 5

<210> 20071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20071
Glu Glu Thr Ser Glu Phe Leu Pro Ile
1 5

<210> 20072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20072
Ser Glu Phe Leu Pro Ile Gln Pro Ala
1 5

<210> 20073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20073
Gln Leu Asp Glu Glu Thr Ser Glu Phe Leu
1 5 10

<210> 20074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20074
Leu Gln Leu Asp Glu Glu Thr Ser Glu Phe
1 5 10

<210> 20075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20075
Asp Glu Glu Thr Ser Glu Phe Leu Pro Ile
1 5 10

<210> 20076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20076
Ser Glu Phe Leu Pro Ile Gln Pro Ala Gln
1 5 10

<210> 20077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20077

Ile Leu Trp Arg Gln Asp Ile His Leu
1 5

<210> 20078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20078
His Leu Gly Val Ser Arg Glu Val Phe
1 5

<210> 20079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20079
Asp Ile His Leu Gly Val Ser Arg Glu Val
1 5 10

<210> 20080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20080
Ile His Leu Gly Val Ser Arg Glu Val Phe
1 5 10

<210> 20081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20081
Ile Leu Trp Arg Gln Asp Ile Asp Phe
1 5

<210> 20082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20082
Ile Asp Phe Gly Val Ser Arg Glu Val
1 5

<210> 20083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20083
Ile Asp Phe Gly Val Ser Arg Glu Val Phe
1 5 10

<210> 20084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20084
Phe Gly Val Ser Arg Glu Val Phe Asp Phe
1 5 10

<210> 20085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20085
Asp Leu Ala Val Ser Arg Glu Val Phe
1 5

<210> 20086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20086
Trp Arg Gln Asp Ile Asp Leu Ala Val
1 5

<210> 20087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20087
Ala Val Ser Arg Glu Val Phe Asp Phe
1 5

<210> 20088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20088
Ile Leu Trp Arg Gln Asp Ile Asp Leu Ala
1 5 10

<210> 20089
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20089
Ile Asp Leu Ala Val Ser Arg Glu Val Phe
1 5 10

<210> 20090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20090
Leu Ala Val Ser Arg Glu Val Phe Asp Phe
1 5 10

<210> 20091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20091
Leu Ser Asp Phe Glu Ser Ser Ser Tyr
1 5

<210> 20092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20092
Ser Asp Phe Glu Ser Ser Ser Tyr Tyr
1 5

<210> 20093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20093
Phe Glu Ser Ser Ser Tyr Tyr Ser Met
1 5

<210> 20094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20094
Gly Pro Asn Phe Ser Leu Ser Asp Phe

1 5

<210> 20095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20095
Leu Ser Asp Phe Glu Ser Ser Ser Tyr Tyr
1 5 10

<210> 20096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20096
Ser Leu Ser Asp Phe Glu Ser Ser Ser Tyr
1 5 10

<210> 20097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20097
Phe Glu Ser Ser Ser Tyr Tyr Ser Met Ser
1 5 10

<210> 20098
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20098
Arg Val Gln Ser Glu Leu Ser Gly Leu
1 5

<210> 20099

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20099
Gln Ser Glu Leu Ser Gly Leu Pro Phe
1 5

<210> 20100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20100
Gln Ser Glu Leu Ser Gly Leu Pro Phe Tyr
1 5 10

<210> 20101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20101
Ala Leu Ile Leu Arg Val Gln Ser Glu Leu
1 5 10

<210> 20102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20102
Val Gln Ser Glu Leu Ser Gly Leu Pro Phe
1 5 10

<210> 20103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20103
Leu Arg Val Gln Ser Glu Leu Ser Gly Leu
1 5 10

<210> 20104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20104
Leu Ser Leu Glu Ala Asn Ser Pro Tyr
1 5

<210> 20105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20105
Phe Leu Ala Arg Ser Ser Leu Ser Leu
1 5

<210> 20106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20106
Ser Leu Glu Ala Asn Ser Pro Tyr Leu
1 5

<210> 20107
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20107
Tyr Leu Gly Val Trp Arg Pro Pro Leu
1 5

<210> 20108
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20108
Arg Ser Ile Lys Val Phe Asp Phe Leu
1 5

<210> 20109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20109
Ser Ile Lys Val Phe Asp Phe Leu Ala
1 5

<210> 20110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20110
Leu Gly Val Trp Arg Pro Pro Leu Arg
1 5

<210> 20111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20111
Glu Ala Asn Ser Pro Tyr Leu Gly Val
1 5

<210> 20112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20112
Phe Asp Phe Leu Ala Arg Ser Ser Leu
1 5

<210> 20113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20113
Ala Asn Ser Pro Tyr Leu Gly Val Trp
1 5

<210> 20114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20114
Ser Ile Lys Val Phe Asp Phe Leu Ala Arg
1 5 10

<210> 20115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20115
Asp Phe Leu Ala Arg Ser Ser Leu Ser Leu
1 5 10

<210> 20116
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20116
Pro Tyr Leu Gly Val Trp Arg Pro Pro Leu
1 5 10

<210> 20117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20117
Arg Ser Ile Lys Val Phe Asp Phe Leu Ala
1 5 10

<210> 20118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20118
Leu Ala Arg Ser Ser Leu Ser Leu Glu Ala
1 5 10

<210> 20119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20119
Val Trp Arg Pro Pro Leu Arg Met Gly Leu
1 5 10

<210> 20120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20120
Ser Leu Ser Leu Glu Ala Asn Ser Pro Tyr
1 5 10

<210> 20121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20121
Tyr Leu Gly Val Trp Arg Pro Pro Leu Arg
1 5 10

<210> 20122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20122
Leu Ser Leu Glu Ala Asn Ser Pro Tyr Leu
1 5 10

<210> 20123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20123
Leu Glu Ala Asn Ser Pro Tyr Leu Gly Val
1 5 10

<210> 20124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20124
Leu Gly Val Trp Arg Pro Pro Leu Arg Met
1 5 10

<210> 20125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20125
Glu Ala Asn Ser Pro Tyr Leu Gly Val Trp
1 5 10

<210> 20126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20126
Tyr Val Phe Val Cys Ser Lys Gln Ala Leu
1 5 10

<210> 20127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20127
Asn Val Pro Tyr Val Phe Val Cys Ser Lys
1 5 10

<210> 20128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20128
Phe Val Cys Ser Lys Gln Ala Leu Gly Arg
1 5 10

<210> 20129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20129
Ala Glu Ser Pro Gln Ser Thr Asn Asp Ala
1 5 10

<210> 20130
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20130
Gly Met Thr Ser Thr Cys Pro Ser Ala
1 5

<210> 20131
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20131
Ala Thr Ser Ala Gly Val Trp Thr Lys
1 5

<210> 20132
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20132
Ser Leu His Pro Trp Ser Gly Pro Arg
1 5

<210> 20133
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20133
Gly Val Trp Thr Lys Met Ala Glu Arg
1 5

<210> 20134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20134
Val Tyr Pro Pro Ser Leu His Pro Trp
1 5

<210> 20135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20135
Arg Val Tyr Pro Pro Ser Leu His Pro
1 5

<210> 20136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20136
Met Thr Ser Thr Cys Pro Ser Ala Met
1 5

<210> 20137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20137
Ser Gln Ala Pro Pro Leu Arg Val Tyr
1 5

<210> 20138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20138
Trp Thr Lys Met Ala Glu Arg Cys Arg
1 5

<210> 20139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20139
Met Thr Trp Ala Thr Ser Ser Pro Cys
1 5

<210> 20140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20140
Thr Ser Ala Gly Val Trp Thr Lys Met
1 5

<210> 20141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20141

His Pro Trp Ser Gly Pro Arg Pro Gly
1 5

<210> 20142
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20142
Pro Leu Arg Val Tyr Pro Pro Ser Leu
1 5

<210> 20143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20143
Leu Glu His Tyr Gly Gly Thr Pro Gly
1 5

<210> 20144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20144
Glu His Tyr Gly Gly Thr Pro Gly Met
1 5

<210> 20145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20145
Ser Thr Cys Pro Ser Ala Met Thr Trp
1 5

<210> 20146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20146
Ala Met Thr Trp Ala Thr Ser Ser Pro
1 5

<210> 20147
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20147
Thr Glu Arg Ala Thr Ser Ala Gly Val
1 5

<210> 20148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20148
Cys Pro Ser Ala Met Thr Trp Ala Thr
1 5

<210> 20149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20149
Ala Glu Arg Cys Arg Ala Pro Ala Pro
1 5

<210> 20150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20150
Lys Met Ala Glu Arg Cys Arg Ala Pro Ala
1 5 10

<210> 20151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20151
Gly Met Thr Ser Thr Cys Pro Ser Ala Met
1 5 10

<210> 20152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20152
Ala Met Thr Trp Ala Thr Ser Ser Pro Cys
1 5 10

<210> 20153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20153
Thr Ser Ser Pro Cys Ser Ala Thr Glu Arg
1 5 10

<210> 20154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20154
Arg Ala Thr Ser Ala Gly Val Trp Thr Lys
1 5 10

<210> 20155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20155
Arg Val Tyr Pro Pro Ser Leu His Pro Trp
1 5 10

<210> 20156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20156
Trp Thr Lys Met Ala Glu Arg Cys Arg Ala
1 5 10

<210> 20157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20157
Arg Cys Arg Ala Pro Ala Pro Ser Gln Ala
1 5 10

<210> 20158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20158
Met Thr Ser Thr Cys Pro Ser Ala Met Thr

1 5 10

<210> 20159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20159
Met Thr Trp Ala Thr Ser Ser Pro Cys Ser
1 5 10

<210> 20160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20160
Thr Ser Ala Gly Val Trp Thr Lys Met Ala
1 5 10

<210> 20161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20161
Ala Pro Ala Pro Ser Gln Ala Pro Pro Leu
1 5 10

<210> 20162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20162
Ala Pro Ser Gln Ala Pro Pro Leu Arg Val
1 5 10

<210> 20163

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20163
Leu Glu His Tyr Gly Gly Thr Pro Gly Met
1 5 10

<210> 20164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20164
Thr Glu Arg Ala Thr Ser Ala Gly Val Trp
1 5 10

<210> 20165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20165
Ala Thr Ser Ala Gly Val Trp Thr Lys Met
1 5 10

<210> 20166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20166
Ser Gln Ala Pro Pro Leu Arg Val Tyr Pro
1 5 10

<210> 20167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20167
Cys Pro Ser Ala Met Thr Trp Ala Thr Ser
1 5 10

<210> 20168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20168
Ala Glu Arg Cys Arg Ala Pro Ala Pro Ser
1 5 10

<210> 20169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20169
Thr Ser Thr Cys Pro Ser Ala Met Thr Trp
1 5 10

<210> 20170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20170
Leu Leu Glu Glu Lys Val Cys Ala Leu
1 5

<210> 20171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20171
Lys Val Cys Ala Leu Asn Lys Leu Val
1 5

<210> 20172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20172
Cys Ala Leu Asn Lys Leu Val Ser Arg
1 5

<210> 20173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20173
Arg Leu Leu Glu Glu Lys Val Cys Ala Leu
1 5 10

<210> 20174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20174
His Leu Gln Ser His Ser Ile Ser Leu
1 5

<210> 20175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20175
Ala Gln Lys Ser Glu Leu Pro Pro Pro
1 5

<210> 20176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20176
Leu Gln Ser His Ser Ile Ser Leu Pro
1 5

<210> 20177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20177
Ala Gln Lys Ser Glu Leu Pro Pro Pro His
1 5 10

<210> 20178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20178
Gln Lys Ser Glu Leu Pro Pro Pro His Leu
1 5 10

<210> 20179
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20179
Glu His His His His His His His His Phe
1 5 10

<210> 20180
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20180
Ile Met Tyr Ser Leu Pro Leu Thr Tyr
1 5

<210> 20181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20181
Tyr Ser Asn Leu His Thr Leu Thr Ile
1 5

<210> 20182
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20182
Lys Met Leu Cys Phe Leu Ser Met Ile
1 5

<210> 20183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20183
Phe Leu Ser Met Ile Met Tyr Ser Leu
1 5

<210> 20184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20184
Ser Met Ile Met Tyr Ser Leu Pro Leu
1 5

<210> 20185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20185
Met Ile Met Tyr Ser Leu Pro Leu Thr
1 5

<210> 20186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20186
Leu Thr Tyr Ser Asn Leu His Thr Leu
1 5

<210> 20187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20187
Ser Leu Pro Leu Thr Tyr Ser Asn Leu
1 5

<210> 20188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20188
Asn Leu His Thr Leu Thr Ile Leu Lys
1 5

<210> 20189
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20189
His Thr Leu Thr Ile Leu Lys Lys Tyr
1 5

<210> 20190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20190
Leu Thr Ile Leu Lys Lys Tyr Met Leu
1 5

<210> 20191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20191
Met Leu Cys Phe Leu Ser Met Ile Met
1 5

<210> 20192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20192
Arg Glu Leu Lys Met Leu Cys Phe Leu
1 5

<210> 20193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20193
Leu Lys Met Leu Cys Phe Leu Ser Met
1 5

<210> 20194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20194
Leu Cys Phe Leu Ser Met Ile Met Tyr
1 5

<210> 20195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20195
Ser Asn Leu His Thr Leu Thr Ile Leu
1 5

<210> 20196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20196
Leu Pro Leu Thr Tyr Ser Asn Leu His
1 5

<210> 20197
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20197
Met Ile Met Tyr Ser Leu Pro Leu Thr Tyr
1 5 10

<210> 20198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20198
Lys Met Leu Cys Phe Leu Ser Met Ile Met
1 5 10

<210> 20199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20199
Ser Met Ile Met Tyr Ser Leu Pro Leu Thr
1 5 10

<210> 20200
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20200
Ile Met Tyr Ser Leu Pro Leu Thr Tyr Ser
1 5 10

<210> 20201
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20201
Phe Leu Ser Met Ile Met Tyr Ser Leu Pro
1 5 10

<210> 20202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20202
Met Leu Cys Phe Leu Ser Met Ile Met Tyr
1 5 10

<210> 20203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20203
Asn Leu His Thr Leu Thr Ile Leu Lys Lys
1 5 10

<210> 20204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20204
Ser Asn Leu His Thr Leu Thr Ile Leu Lys
1 5 10

<210> 20205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20205

Cys Phe Leu Ser Met Ile Met Tyr Ser Leu
1 5 10

<210> 20206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20206
Tyr Ser Leu Pro Leu Thr Tyr Ser Asn Leu
1 5 10

<210> 20207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20207
Thr Tyr Ser Asn Leu His Thr Leu Thr Ile
1 5 10

<210> 20208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20208
Glu Leu Lys Met Leu Cys Phe Leu Ser Met
1 5 10

<210> 20209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20209
Leu Ser Met Ile Met Tyr Ser Leu Pro Leu
1 5 10

<210> 20210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20210
Leu Lys Met Leu Cys Phe Leu Ser Met Ile
1 5 10

<210> 20211
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20211
Tyr Ser Asn Leu His Thr Leu Thr Ile Leu
1 5 10

<210> 20212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20212
Leu His Thr Leu Thr Ile Leu Lys Lys Tyr
1 5 10

<210> 20213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20213
Arg Glu Leu Lys Met Leu Cys Phe Leu Ser
1 5 10

<210> 20214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20214
Leu Pro Leu Thr Tyr Ser Asn Leu His Thr
1 5 10

<210> 20215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20215
Val Phe Ser His Lys Phe Asp Phe Lys
1 5

<210> 20216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20216
Phe Ser His Lys Phe Asp Phe Lys Leu
1 5

<210> 20217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20217
Phe Lys Leu Gln Asp Val Ser Ser Val
1 5

<210> 20218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20218
Gly Val Phe Ser His Lys Phe Asp Phe Lys
1 5 10

<210> 20219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20219
Val Phe Ser His Lys Phe Asp Phe Lys Leu
1 5 10

<210> 20220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20220
His Lys Phe Asp Phe Lys Leu Gln Asp Val
1 5 10

<210> 20221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20221
Asn Ile Pro Asn Tyr Leu Phe Asp Phe
1 5

<210> 20222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20222
Ile Asn Ser Gly Asn Ile Pro Asn Tyr

1 5

<210> 20223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20223
Ile Pro Asn Tyr Leu Phe Asp Phe Phe
1 5

<210> 20224
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20224
Ser Gly Asn Ile Pro Asn Tyr Leu Phe
1 5

<210> 20225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20225
Asn Ser Gly Asn Ile Pro Asn Tyr Leu Phe
1 5 10

<210> 20226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20226
Gly Asn Ile Pro Asn Tyr Leu Phe Asp Phe
1 5 10

<210> 20227

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20227
Asn Ile Pro Asn Tyr Leu Phe Asp Phe Phe
1 5 10

<210> 20228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20228
Asn Tyr Leu Phe Asp Phe Phe Glu His Leu
1 5 10

<210> 20229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20229
Tyr Ile Asn Ser Gly Asn Ile Pro Asn Tyr
1 5 10

<210> 20230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20230
Glu Cys Leu Arg His Ile Trp Gln Phe
1 5

<210> 20231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20231
Arg His Ile Trp Gln Phe Gly Ala Leu
1 5

<210> 20232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20232
Trp Gln Phe Gly Ala Leu Thr Ala Glu
1 5

<210> 20233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20233
Trp Gln Phe Gly Ala Leu Thr Ala Glu Val
1 5 10

<210> 20234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20234
Cys Leu Arg His Ile Trp Gln Phe Gly Ala
1 5 10

<210> 20235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20235
Thr Glu Cys Leu Arg His Ile Trp Gln Phe
1 5 10

<210> 20236
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20236
Leu Arg His Ile Trp Gln Phe Gly Ala Leu
1 5 10

<210> 20237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20237
Arg His Ile Trp Gln Phe Gly Ala Leu Thr
1 5 10

<210> 20238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20238
His Ile Trp Gln Phe Gly Ala Leu Thr Ala
1 5 10

<210> 20239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20239
Arg Asn Ala Cys Leu Gly Glu Ser Val
1 5

<210> 20240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20240
Cys Leu Gly Glu Ser Val Ser Leu Asn Lys
1 5 10

<210> 20241
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20241
Ser Gln Pro Glu Arg Leu Leu Phe Ile
1 5

<210> 20242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20242
Phe Ile Ile Asp Ser Phe Glu Glu Leu
1 5

<210> 20243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20243
Arg Leu Leu Phe Ile Ile Asp Ser Phe
1 5

<210> 20244
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20244
Gln Pro Glu Arg Leu Leu Phe Ile Ile
1 5

<210> 20245
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20245
Ser Gln Pro Glu Arg Leu Leu Phe Ile Ile
1 5 10

<210> 20246
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20246
Leu Phe Ile Ile Asp Ser Phe Glu Glu Leu
1 5 10

<210> 20247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20247
Leu Ile His Ser Leu Leu Arg Lys Val
1 5

<210> 20248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20248
Thr Leu Ile His Ser Leu Leu Arg Lys
1 5

<210> 20249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20249
Phe Thr Leu Ile His Ser Leu Leu Arg
1 5

<210> 20250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20250
Pro Phe Thr Leu Ile His Ser Leu Leu
1 5

<210> 20251
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20251
His Ser Leu Leu Arg Lys Val Leu Leu
1 5

<210> 20252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20252
Pro Pro Phe Thr Leu Ile His Ser Leu
1 5

<210> 20253
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20253
Lys Gln Pro Pro Phe Thr Leu Ile His
1 5

<210> 20254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20254
Thr Leu Ile His Ser Leu Leu Arg Lys Val
1 5 10

<210> 20255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20255
Phe Thr Leu Ile His Ser Leu Leu Arg Lys
1 5 10

<210> 20256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20256
Gln Pro Pro Phe Thr Leu Ile His Ser Leu
1 5 10

<210> 20257
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20257
Leu Ile His Ser Leu Leu Arg Lys Val Leu
1 5 10

<210> 20258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20258
Tyr Leu Arg Lys Ile Trp Val Asp Val
1 5

<210> 20259
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20259
Ile Trp Val Asp Val Lys Gly Ile Phe
1 5

<210> 20260
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20260
Cys Pro Tyr Leu Arg Lys Ile Trp Val
1 5

<210> 20261
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20261
Tyr Leu Arg Lys Ile Trp Val Asp Val Lys
1 5 10

<210> 20262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20262
Pro Tyr Leu Arg Lys Ile Trp Val Asp Val
1 5 10

<210> 20263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20263
Trp Val Asp Val Lys Gly Ile Phe Pro Arg
1 5 10

<210> 20264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20264
Arg Lys Ile Trp Val Asp Val Lys Gly Ile
1 5 10

<210> 20265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20265
Lys Ile Trp Val Asp Val Lys Gly Ile Phe
1 5 10

<210> 20266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20266
Glu Glu Gly Gly Glu Glu Pro Asn Tyr
1 5

<210> 20267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20267
Glu Glu Glu Gly Gly Glu Glu Pro Asn Tyr
1 5 10

<210> 20268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20268
Lys Lys Tyr Arg Gly Lys Cys Glu Pro Thr
1 5 10

<210> 20269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20269

Gln Val Ala Glu Ala Ser Pro Leu Leu
1 5

<210> 20270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20270
Glu Ala Ser Pro Leu Leu Leu Leu Leu
1 5

<210> 20271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20271
Gly Gln Val Ala Glu Ala Ser Pro Leu
1 5

<210> 20272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20272
Ala Glu Ala Ser Pro Leu Leu Leu Leu
1 5

<210> 20273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20273
Gln Val Ala Glu Ala Ser Pro Leu Leu Leu
1 5 10

<210> 20274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20274
Glu Ala Ser Pro Leu Leu Leu Leu Leu Leu
1 5 10

<210> 20275
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20275
Gly Gln Val Ala Glu Ala Ser Pro Leu Leu
1 5 10

<210> 20276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20276
Ala Glu Ala Ser Pro Leu Leu Leu Leu Leu
1 5 10

<210> 20277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20277
Gln Val Ala Ala Glu Ser Pro Leu Leu
1 5

<210> 20278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20278
Gly Gln Val Ala Ala Glu Ser Pro Leu
1 5

<210> 20279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20279
Val Ala Ala Glu Ser Pro Leu Leu Leu
1 5

<210> 20280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20280
Ala Glu Ser Pro Leu Leu Leu Leu Leu
1 5

<210> 20281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20281
Gln Val Ala Ala Glu Ser Pro Leu Leu Leu
1 5 10

<210> 20282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20282
Gly Gln Val Ala Ala Glu Ser Pro Leu Leu
1 5 10

<210> 20283
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20283
Val Ala Ala Glu Ser Pro Leu Leu Leu Leu
1 5 10

<210> 20284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20284
Ala Glu Ser Pro Leu Leu Leu Leu Leu Leu
1 5 10

<210> 20285
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20285
Tyr Thr Ile Lys Trp Phe Glu Val Ile
1 5

<210> 20286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20286
Gly Tyr Thr Ile Lys Trp Phe Glu Val

1 5

<210> 20287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20287
Lys Glu Ala Gly Tyr Thr Ile Lys Trp
1 5

<210> 20288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20288
Ala Val Lys Glu Ala Gly Tyr Thr Ile Lys
1 5 10

<210> 20289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20289
Gly Tyr Thr Ile Lys Trp Phe Glu Val Ile
1 5 10

<210> 20290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20290
Lys Trp Phe Glu Val Ile Ser Gln Ser Tyr
1 5 10

<210> 20291

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20291
Lys Glu Ala Gly Tyr Thr Ile Lys Trp Phe
1 5 10

<210> 20292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20292
Trp Arg Leu Leu Gln Ala Gln Ala Ala
1 5

<210> 20293
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20293
Arg Trp Arg Leu Leu Gln Ala Gln Ala Ala
1 5 10

<210> 20294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20294
Leu Met Arg Lys Ala Asp Ser Ser Ser
1 5

<210> 20295
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20295
Leu Met Arg Lys Ala Asp Ser Ser Ser Ser
1 5 10

<210> 20296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20296
Arg Met Lys Gly Arg Gly Gly Arg Gly
1 5

<210> 20297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20297
Lys Gly Arg Gly Gly Arg Gly Pro Arg
1 5

<210> 20298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20298
Gln Gly Arg Val Val Arg Met Lys Gly Arg
1 5 10

<210> 20299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20299
Val Val Arg Met Lys Gly Arg Gly Gly Arg
1 5 10

<210> 20300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20300
Lys Gly Arg Gly Gly Arg Gly Pro Arg Arg
1 5 10

<210> 20301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20301
Leu Gln Gln Gln Gln Gln Thr Gln Val
1 5

<210> 20302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20302
Leu Leu Gln Gln Gln Gln Gln Thr Gln Val
1 5 10

<210> 20303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20303
Leu Gln Gln Gln Gln Gln Thr Gln Val Ala
1 5 10

<210> 20304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20304
His Pro Phe Leu Thr Pro Ser Arg Val
1 5

<210> 20305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20305
Ala Leu Arg Arg Ser Ala Val Gly Ala
1 5

<210> 20306
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20306
Ala Ala Gly Ala Leu Ala Val Leu Arg
1 5

<210> 20307
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20307
Arg Ser Ala Val Gly Ala Ala Gly Ala
1 5

<210> 20308
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20308
Val Leu Arg Gly Pro Arg Ala Cys Ile
1 5

<210> 20309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20309
Ala Leu Ala Val Leu Arg Gly Pro Arg
1 5

<210> 20310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20310
Met Pro Ala Leu Arg Arg Ser Ala Val
1 5

<210> 20311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20311
Ser Ala Val Gly Ala Ala Gly Ala Leu
1 5

<210> 20312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20312
Leu Arg Arg Ser Ala Val Gly Ala Ala
1 5

<210> 20313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20313
Gly Ala Ala Gly Ala Leu Ala Val Leu
1 5

<210> 20314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20314
Arg Ala Cys Ile Ala Val Ser Arg Trp
1 5

<210> 20315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20315
Ala Leu Arg Arg Ser Ala Val Gly Ala Ala
1 5 10

<210> 20316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20316
Ala Val Gly Ala Ala Gly Ala Leu Ala Val
1 5 10

<210> 20317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20317
Ala Leu Ala Val Leu Arg Gly Pro Arg Ala
1 5 10

<210> 20318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20318
Arg Ser Ala Val Gly Ala Ala Gly Ala Leu
1 5 10

<210> 20319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20319
Gly Ala Leu Ala Val Leu Arg Gly Pro Arg
1 5 10

<210> 20320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20320
Val Leu Arg Gly Pro Arg Ala Cys Ile Ala
1 5 10

<210> 20321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20321
Arg Ala Cys Ile Ala Val Ser Arg Trp Leu
1 5 10

<210> 20322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20322
Met Pro Ala Leu Arg Arg Ser Ala Val Gly
1 5 10

<210> 20323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20323
Val Gly Ala Ala Gly Ala Leu Ala Val Leu
1 5 10

<210> 20324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20324
Leu Leu Ala Leu Trp Leu Cys Trp Ala
1 5

<210> 20325
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20325
Cys Trp Ala Ala Pro Ala His Ala Leu
1 5

<210> 20326
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20326
Ala Leu Leu Ala Leu Trp Leu Cys Trp
1 5

<210> 20327
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20327
Trp Leu Cys Trp Ala Ala Pro Ala His
1 5

<210> 20328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20328
Ala Leu Leu Ala Leu Trp Leu Cys Trp Ala
1 5 10

<210> 20329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20329
Leu Leu Ala Leu Trp Leu Cys Trp Ala Ala
1 5 10

<210> 20330
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20330
Ala Leu Trp Leu Cys Trp Ala Ala Pro Ala
1 5 10

<210> 20331
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20331
Trp Leu Cys Trp Ala Ala Pro Ala His Ala
1 5 10

<210> 20332
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20332
Trp Ala Leu Leu Ala Leu Trp Leu Cys Trp
1 5 10

<210> 20333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20333

Leu Cys Trp Ala Ala Pro Ala His Ala Leu
1 5 10

<210> 20334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20334
Lys Ser Arg Leu Pro Ser Ala Lys Ser
1 5

<210> 20335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20335
Thr Pro Met Gly Lys Lys Ser Arg Leu
1 5

<210> 20336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20336
Arg Leu Pro Ser Ala Lys Ser Thr Met
1 5

<210> 20337
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20337
Met Gly Lys Lys Ser Arg Leu Pro Ser Ala
1 5 10

<210> 20338
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20338
Lys Ser Arg Leu Pro Ser Ala Lys Ser Thr
1 5 10

<210> 20339
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20339
Leu Pro Ser Ala Lys Ser Thr Met Pro Thr
1 5 10

<210> 20340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20340
Ser Arg Leu Pro Ser Ala Lys Ser Thr Met
1 5 10

<210> 20341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20341
His Ile Thr Thr Pro Trp Glu Pro Leu
1 5

<210> 20342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20342
Thr Pro Trp Glu Pro Leu Pro Pro Ile
1 5

<210> 20343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20343
Trp Glu Pro Leu Pro Pro Ile Val Thr
1 5

<210> 20344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20344
Thr Thr Pro Trp Glu Pro Leu Pro Pro Ile
1 5 10

<210> 20345
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20345
Lys His Ile Thr Thr Pro Trp Glu Pro Leu
1 5 10

<210> 20346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20346
Trp Glu Pro Leu Pro Pro Ile Val Thr Phe
1 5 10

<210> 20347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20347
Thr Pro Trp Glu Pro Leu Pro Pro Ile Val
1 5 10

<210> 20348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20348
Arg Ser His Ser Leu Arg Cys Ser Ser
1 5

<210> 20349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20349
Ser Leu Arg Cys Ser Ser Glu Ile Tyr
1 5

<210> 20350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20350
Val Phe His Tyr Pro Val Cys Val Arg

1 5

<210> 20351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20351
His Ser Leu Arg Cys Ser Ser Glu Ile
1 5

<210> 20352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20352
Leu Arg Cys Ser Ser Glu Ile Tyr Met
1 5

<210> 20353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20353
Ser Leu Arg Cys Ser Ser Glu Ile Tyr Met
1 5 10

<210> 20354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20354
Cys Val Arg Cys Arg Gly Asp Arg Ser His
1 5 10

<210> 20355

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20355
Arg Ser His Ser Leu Arg Cys Ser Ser Glu
1 5 10

<210> 20356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20356
His Ser Leu Arg Cys Ser Ser Glu Ile Tyr
1 5 10

<210> 20357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20357
Asp Val Phe His Tyr Pro Val Cys Val Arg
1 5 10

<210> 20358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20358
Arg Cys Arg Gly Asp Arg Ser His Ser Leu
1 5 10

<210> 20359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20359
Cys Ser Ser Glu Ile Tyr Met Val Gln Met
1 5 10

<210> 20360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20360
Phe Thr Ile Asp Leu Val Thr Thr Cys
1 5

<210> 20361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20361
Arg Pro Pro Phe Phe Thr Ile Asp Leu
1 5

<210> 20362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20362
Ile Lys Arg Pro Pro Phe Phe Thr Ile
1 5

<210> 20363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20363
Pro Pro Phe Phe Thr Ile Asp Leu Val
1 5

<210> 20364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20364
Leu Leu Ile Lys Arg Pro Pro Phe Phe Thr
1 5 10

<210> 20365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20365
Phe Thr Ile Asp Leu Val Thr Thr Cys Ile
1 5 10

<210> 20366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20366
Leu Ile Lys Arg Pro Pro Phe Phe Thr Ile
1 5 10

<210> 20367
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20367
Ser Leu Gly Glu Leu Val Arg Ala Trp
1 5

<210> 20368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20368
Gly Glu Leu Val Arg Ala Trp His Leu
1 5

<210> 20369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20369
Glu Leu Val Arg Ala Trp His Leu Gly Ala
1 5 10

<210> 20370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20370
Ala Ser Leu Gly Glu Leu Val Arg Ala Trp
1 5 10

<210> 20371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20371
Gly Glu Leu Val Arg Ala Trp His Leu Gly
1 5 10

<210> 20372
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20372
Phe Ser Ala Arg Gly Ser Pro Gly Ala
1 5

<210> 20373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20373
Leu Val Arg Arg Gln Arg His Leu Arg
1 5

<210> 20374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20374
Arg Gln Arg His Leu Arg Ala Gln Glu
1 5

<210> 20375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20375
His Leu Arg Ala Gln Glu Leu Gly Arg
1 5

<210> 20376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20376
Cys Leu Leu Cys Ala Leu Val Arg Arg
1 5

<210> 20377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20377
Asn Val Cys Leu Leu Cys Ala Leu Val
1 5

<210> 20378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20378
Leu Pro Gly Gly Gly Gly Pro Ala Ala
1 5

<210> 20379
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20379
Ala Leu Val Arg Arg Gln Arg His Leu
1 5

<210> 20380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20380
Gln Arg His Leu Arg Ala Gln Glu Leu
1 5

<210> 20381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20381
Met Ala Gly Pro Pro Ile Pro Ser Phe
1 5

<210> 20382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20382
Gln Glu Ala Pro Asn Val Cys Leu Leu
1 5

<210> 20383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20383
Ala Gln Glu Leu Gly Arg Ile Gln Ala
1 5

<210> 20384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20384
Gln Glu Leu Gly Arg Ile Gln Ala Ala
1 5

<210> 20385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20385
His Leu Arg Ala Gln Glu Leu Gly Arg Ile
1 5 10

<210> 20386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20386
Ser Phe Ser Ala Arg Gly Ser Pro Gly Ala
1 5 10

<210> 20387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20387
Leu Val Arg Arg Gln Arg His Leu Arg Ala
1 5 10

<210> 20388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20388
Arg Gln Arg His Leu Arg Ala Gln Glu Leu
1 5 10

<210> 20389
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20389
Arg Ala Gln Glu Leu Gly Arg Ile Gln Ala
1 5 10

<210> 20390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20390
Asn Val Cys Leu Leu Cys Ala Leu Val Arg
1 5 10

<210> 20391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20391
Leu Leu Cys Ala Leu Val Arg Arg Gln Arg
1 5 10

<210> 20392
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20392
Ala Leu Val Arg Arg Gln Arg His Leu Arg
1 5 10

<210> 20393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20393
Ala Pro Asn Val Cys Leu Leu Cys Ala Leu
1 5 10

<210> 20394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20394
Cys Ala Leu Val Arg Arg Gln Arg His Leu
1 5 10

<210> 20395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20395
Ala Gln Glu Leu Gly Arg Ile Gln Ala Ala
1 5 10

<210> 20396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20396
Asn Leu Leu Asn Phe Leu Pro Glu Arg
1 5

<210> 20397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20397

Pro Glu Arg Glu His Ser Glu Val Tyr
1 5

<210> 20398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20398
Arg Glu His Ser Glu Val Tyr Lys Ile
1 5

<210> 20399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20399
Leu Pro Glu Arg Glu His Ser Glu Val
1 5

<210> 20400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20400
Phe Leu Pro Glu Arg Glu His Ser Glu Val
1 5 10

<210> 20401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20401
Leu Pro Glu Arg Glu His Ser Glu Val Tyr
1 5 10

<210> 20402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20402
Arg Glu His Ser Glu Val Tyr Lys Ile Leu
1 5 10

<210> 20403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20403
Ala Ile Lys Asn Ile Thr Ala Ser Tyr
1 5

<210> 20404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20404
Leu Gln Ile Ala Ile Lys Asn Ile Thr
1 5

<210> 20405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20405
Gln Val Leu Asp Leu Gln Ile Ala Ile Lys
1 5 10

<210> 20406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20406
Ile Ala Ile Lys Asn Ile Thr Ala Ser Tyr
1 5 10

<210> 20407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20407
Leu Gln Ile Ala Ile Lys Asn Ile Thr Ala
1 5 10

<210> 20408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20408
Leu Lys Thr Pro Ser Glu Leu Ser Val
1 5

<210> 20409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20409
Ser Glu Leu Ser Val His Ser Pro Ser
1 5

<210> 20410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20410
Leu Ser Val His Ser Pro Ser Thr Leu
1 5

<210> 20411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20411
Ser Leu Lys Thr Pro Ser Glu Leu Ser Val
1 5 10

<210> 20412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20412
Leu Lys Thr Pro Ser Glu Leu Ser Val His
1 5 10

<210> 20413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20413
Ser Glu Leu Ser Val His Ser Pro Ser Thr
1 5 10

<210> 20414
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20414
Ala Ile Gln Asp Leu Cys Leu Ala Val

1 5

<210> 20415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20415
Ala Val Glu Glu Val Ser Leu Arg Lys
1 5

<210> 20416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20416
Glu Ala Ile Gln Asp Leu Cys Leu Ala
1 5

<210> 20417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20417
Gln Glu Ala Ile Gln Asp Leu Cys Leu
1 5

<210> 20418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20418
Leu Ala Val Glu Glu Val Ser Leu Arg Lys
1 5 10

<210> 20419

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20419
Glu Ala Ile Gln Asp Leu Cys Leu Ala Val
1 5 10

<210> 20420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20420
Gln Glu Ala Ile Gln Asp Leu Cys Leu Ala
1 5 10

<210> 20421
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20421
Ala Ile Gln Asp Leu Leu Leu Ala Val
1 5

<210> 20422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20422
Leu Leu Ala Val Glu Glu Val Ser Leu
1 5

<210> 20423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20423
Ala Val Glu Glu Val Ser Leu Arg Lys
1 5

<210> 20424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20424
Glu Ala Ile Gln Asp Leu Leu Leu Ala
1 5

<210> 20425
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20425
Gln Glu Ala Ile Gln Asp Leu Leu Leu
1 5

<210> 20426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20426
Leu Leu Leu Ala Val Glu Glu Val Ser Leu
1 5 10

<210> 20427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20427
Leu Ala Val Glu Glu Val Ser Leu Arg Lys
1 5 10

<210> 20428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20428
Glu Ala Ile Gln Asp Leu Leu Leu Ala Val
1 5 10

<210> 20429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20429
Gln Glu Ala Ile Gln Asp Leu Leu Leu Ala
1 5 10

<210> 20430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20430
Ala Ile Gln Asp Leu Cys Leu Ala Val
1 5

<210> 20431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20431
Ala Val Glu Glu Val Ser Leu Arg Lys
1 5

<210> 20432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20432
Glu Ala Ile Gln Asp Leu Cys Leu Ala
1 5

<210> 20433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20433
Gln Glu Ala Ile Gln Asp Leu Cys Leu
1 5

<210> 20434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20434
Leu Ala Val Glu Glu Val Ser Leu Arg Lys
1 5 10

<210> 20435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20435
Glu Ala Ile Gln Asp Leu Cys Leu Ala Val
1 5 10

<210> 20436
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20436
Gln Glu Ala Ile Gln Asp Leu Cys Leu Ala
1 5 10

<210> 20437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20437
Ile Leu Gly Pro Val Cys Glu His Ala
1 5

<210> 20438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20438
His Ala Ala Ala Pro Val Ala Arg Leu
1 5

<210> 20439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20439
Cys Glu His Ala Ala Ala Pro Val Ala
1 5

<210> 20440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20440
Gly Pro Val Cys Glu His Ala Ala Ala
1 5

<210> 20441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20441
Ile Leu Gly Pro Val Cys Glu His Ala Ala
1 5 10

<210> 20442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20442
His Ala Ala Ala Pro Val Ala Arg Leu Ala
1 5 10

<210> 20443
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20443
Ile Met Tyr Gly Ile Val Ile Gln Thr
1 5

<210> 20444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20444
Ile Val Ile Gln Thr Ile Trp Ile Lys
1 5

<210> 20445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20445
Met Tyr Gly Ile Val Ile Gln Thr Ile
1 5

<210> 20446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20446
Gln Thr Ile Trp Ile Lys Ser Lys Thr
1 5

<210> 20447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20447
Tyr Gly Ile Val Ile Gln Thr Ile Trp
1 5

<210> 20448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20448
Ile Met Tyr Gly Ile Val Ile Gln Thr Ile
1 5 10

<210> 20449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20449
Ser Ile Met Tyr Gly Ile Val Ile Gln Thr
1 5 10

<210> 20450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20450
Val Ile Gln Thr Ile Trp Ile Lys Ser Lys
1 5 10

<210> 20451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20451
Gly Ile Val Ile Gln Thr Ile Trp Ile Lys
1 5 10

<210> 20452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20452
Met Tyr Gly Ile Val Ile Gln Thr Ile Trp
1 5 10

<210> 20453
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20453
Gln Thr Ile Trp Ile Lys Ser Lys Thr Tyr
1 5 10

<210> 20454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20454
Leu Lys Ser Ser Thr Thr Pro Gly Val
1 5

<210> 20455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20455
Trp Leu Lys Ser Ser Thr Thr Pro Gly Val
1 5 10

<210> 20456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20456
Ser Thr Thr Pro Gly Val Gly Thr Pro Phe
1 5 10

<210> 20457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20457
Lys Gln Ala Ser Pro Val Thr Phe Lys
1 5

<210> 20458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20458
Gln Ala Ser Pro Val Thr Phe Lys Lys
1 5

<210> 20459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20459
Leu Lys Gln Ala Ser Pro Val Thr Phe
1 5

<210> 20460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20460
Lys Gln Ala Ser Pro Val Thr Phe Lys Lys
1 5 10

<210> 20461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20461

Ser Leu Lys Gln Ala Ser Pro Val Thr Phe
1 5 10

<210> 20462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20462
Ala Glu Ser Cys Gln Gly Asp Leu Ile
1 5

<210> 20463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20463
Ile Thr Leu Ala Asn Val Val Thr Ser Leu
1 5 10

<210> 20464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20464
Gly Asp Leu Ile Thr Leu Ala Asn Val Val
1 5 10

<210> 20465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20465
Ala Glu Ser Cys Gln Gly Asp Leu Ile Thr
1 5 10

<210> 20466
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20466
Arg Asn Leu Cys Gln Tyr Cys Arg Phe
1 5

<210> 20467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20467
Lys Arg Arg Arg Asn Leu Cys Gln Tyr
1 5

<210> 20468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20468
Asn Leu Cys Gln Tyr Cys Arg Phe Gln Lys
1 5 10

<210> 20469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20469
Cys Pro Val Asp Lys Arg Arg Arg Asn Leu
1 5 10

<210> 20470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20470
Arg Arg Asn Leu Cys Gln Tyr Cys Arg Phe
1 5 10

<210> 20471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20471
Lys Met Val Asn Tyr Ser Tyr Asp Lys
1 5

<210> 20472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20472
Lys Asp Leu Glu Glu Leu Cys Pro Val
1 5

<210> 20473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20473
Tyr Ser Tyr Asp Lys Asp Leu Glu Glu Leu
1 5 10

<210> 20474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20474
Tyr Gln Asn Ala Lys Lys Ala His Lys
1 5

<210> 20475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20475
Lys Ala His Lys Leu Ala Ser Asp Ile
1 5

<210> 20476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20476
Lys Leu Ala Ser Asp Ile Lys Tyr Arg
1 5

<210> 20477
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20477
His Lys Leu Ala Ser Asp Ile Lys Tyr
1 5

<210> 20478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20478
Tyr Gln Asn Ala Lys Lys Ala His Lys Leu

1 5 10

<210> 20479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20479
Lys Ala His Lys Leu Ala Ser Asp Ile Lys
1 5 10

<210> 20480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20480
Ala Tyr Gln Asn Ala Lys Lys Ala His Lys
1 5 10

<210> 20481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20481
Lys Lys Ala His Lys Leu Ala Ser Asp Ile
1 5 10

<210> 20482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20482
Ala His Lys Leu Ala Ser Asp Ile Lys Tyr
1 5 10

<210> 20483

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20483
Leu Asp Thr Ala Gly Lys Glu Glu Tyr
1 5

<210> 20484
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20484
Ala Gly Lys Glu Glu Tyr Ser Ala Met
1 5

<210> 20485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20485
Ile Leu Asp Thr Ala Gly Lys Glu Glu Tyr
1 5 10

<210> 20486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20486
Asp Thr Ala Gly Lys Glu Glu Tyr Ser Ala
1 5 10

<210> 20487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20487
Leu Asp Thr Ala Gly Arg Glu Glu Tyr
1 5

<210> 20488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20488
Ala Gly Arg Glu Glu Tyr Ser Ala Met
1 5

<210> 20489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20489
Ile Leu Asp Thr Ala Gly Arg Glu Glu Tyr
1 5 10

<210> 20490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20490
Ala Gly Arg Glu Glu Tyr Ser Ala Met Arg
1 5 10

<210> 20491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20491
Asp Thr Ala Gly Arg Glu Glu Tyr Ser Ala
1 5 10

<210> 20492
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20492
Leu Asp Thr Ala Gly Leu Glu Glu Tyr
1 5

<210> 20493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20493
Ala Gly Leu Glu Glu Tyr Ser Ala Met
1 5

<210> 20494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20494
Ile Leu Asp Thr Ala Gly Leu Glu Glu Tyr
1 5 10

<210> 20495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20495
Leu Leu Asp Ile Leu Asp Thr Ala Gly Leu
1 5 10

<210> 20496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20496
Asp Thr Ala Gly Leu Glu Glu Tyr Ser Ala
1 5 10

<210> 20497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20497
Leu Asp Thr Ala Gly His Glu Glu Tyr
1 5

<210> 20498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20498
Ala Gly His Glu Glu Tyr Ser Ala Met
1 5

<210> 20499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20499
Ile Leu Asp Thr Ala Gly His Glu Glu Tyr
1 5 10

<210> 20500
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20500
Asp Thr Ala Gly His Glu Glu Tyr Ser Ala
1 5 10

<210> 20501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20501
Leu Asp Thr Ala Gly His Glu Glu Tyr
1 5

<210> 20502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20502
Ala Gly His Glu Glu Tyr Ser Ala Met
1 5

<210> 20503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20503
Ile Leu Asp Thr Ala Gly His Glu Glu Tyr
1 5 10

<210> 20504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20504
Asp Thr Ala Gly His Glu Glu Tyr Ser Ala
1 5 10

<210> 20505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20505
Leu Val Val Val Gly Ala Cys Gly Val
1 5

<210> 20506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20506
Val Val Gly Ala Cys Gly Val Gly Lys
1 5

<210> 20507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20507
Lys Leu Val Val Val Gly Ala Cys Gly Val
1 5 10

<210> 20508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20508
Val Val Val Gly Ala Cys Gly Val Gly Lys
1 5 10

<210> 20509
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20509
Leu Val Val Val Gly Ala Asp Gly Val
1 5

<210> 20510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20510
Val Val Gly Ala Asp Gly Val Gly Lys
1 5

<210> 20511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20511
Lys Leu Val Val Val Gly Ala Asp Gly Val
1 5 10

<210> 20512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20512
Val Val Val Gly Ala Asp Gly Val Gly Lys
1 5 10

<210> 20513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20513
Val Val Gly Ala Gly Arg Val Gly Lys
1 5

<210> 20514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20514
Arg Val Gly Lys Ser Ala Leu Thr Ile
1 5

<210> 20515
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20515
Lys Leu Val Val Val Gly Ala Gly Arg
1 5

<210> 20516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20516
Ala Gly Arg Val Gly Lys Ser Ala Leu
1 5

<210> 20517
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20517
Lys Leu Val Val Val Gly Ala Gly Arg Val
1 5 10

<210> 20518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20518
Val Val Val Gly Ala Gly Arg Val Gly Lys
1 5 10

<210> 20519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20519
Gly Arg Val Gly Lys Ser Ala Leu Thr Ile
1 5 10

<210> 20520
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20520
Val Val Gly Ala Gly Asp Val Gly Lys
1 5

<210> 20521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20521
Lys Leu Val Val Val Gly Ala Gly Asp Val
1 5 10

<210> 20522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20522
Val Val Val Gly Ala Gly Asp Val Gly Lys
1 5 10

<210> 20523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20523
Leu Leu Leu Leu Thr Pro Pro Arg Leu
1 5

<210> 20524
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20524
Leu Thr Pro Pro Arg Leu Arg Glu Lys
1 5

<210> 20525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20525

Leu Leu Leu Thr Pro Pro Arg Leu Arg
1 5

<210> 20526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20526
Glu Glu Glu Arg Pro Leu Leu Leu Leu
1 5

<210> 20527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20527
Glu Glu Arg Pro Leu Leu Leu Leu Thr
1 5

<210> 20528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20528
Leu Leu Thr Pro Pro Arg Leu Arg Glu Lys
1 5 10

<210> 20529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20529
Met Glu Glu Glu Arg Pro Leu Leu Leu Leu
1 5 10

<210> 20530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20530
Lys Met Lys Ser Gln Met Gly Gln Val
1 5

<210> 20531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20531
Ser Gln Met Gly Gln Val Gly Glu Lys
1 5

<210> 20532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20532
Lys Leu Lys Lys Met Lys Ser Gln Met
1 5

<210> 20533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20533
Met Lys Ser Gln Met Gly Gln Val Gly
1 5

<210> 20534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20534
Lys Ser Gln Met Gly Gln Val Gly Glu Lys
1 5 10

<210> 20535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20535
Lys Leu Lys Lys Met Lys Ser Gln Met Gly
1 5 10

<210> 20536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20536
Lys Met Lys Ser Gln Met Gly Gln Val Gly
1 5 10

<210> 20537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20537
Lys Lys Met Lys Ser Gln Met Gly Gln Val
1 5 10

<210> 20538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20538
Val Leu Pro Glu Trp Gly Ala Val Val
1 5

<210> 20539
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20539
Leu Pro Glu Trp Gly Ala Val Val Met
1 5

<210> 20540
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20540
Val Val Leu Pro Glu Trp Gly Ala Val Val
1 5 10

<210> 20541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20541
Val Leu Pro Glu Trp Gly Ala Val Val Met
1 5 10

<210> 20542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20542
Gln Val Val Leu Pro Glu Trp Gly Ala Val

1 5 10

<210> 20543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20543
Cys Thr Thr Glu Pro Asn Gly Leu Ile
1 5

<210> 20544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20544
Gly Ser His Val Ser Asn Asn Phe Met
1 5

<210> 20545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20545
Ser Thr Ala Asp Leu Pro Gly Ser His
1 5

<210> 20546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20546
Ser Thr Ala Asp Leu Pro Gly Ser His Val
1 5 10

<210> 20547

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20547
His Val Ser Asn Asn Phe Met Gly Cys Leu
1 5 10

<210> 20548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20548
Leu Pro Gly Ser His Val Ser Asn Asn Phe
1 5 10

<210> 20549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20549
Lys Val Phe Asn Pro Glu Lys Glu Arg
1 5

<210> 20550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20550
His Glu Ile Pro Lys Val Phe Asn Pro
1 5

<210> 20551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20551
His Glu Ile Pro Lys Val Phe Asn Pro Glu
1 5 10

<210> 20552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20552
Phe Gln Ser Leu Tyr Gln Leu Trp Tyr
1 5

<210> 20553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20553
Tyr Gln Leu Trp Tyr Gly His Ser Phe
1 5

<210> 20554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20554
Ser Leu Lys Asn Phe Gln Ser Leu Tyr
1 5

<210> 20555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20555
Ser Ser Leu Lys Asn Phe Gln Ser Leu
1 5

<210> 20556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20556
Asn Phe Gln Ser Leu Tyr Gln Leu Trp
1 5

<210> 20557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20557
Lys Asn Phe Gln Ser Leu Tyr Gln Leu
1 5

<210> 20558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20558
Ser Leu Tyr Gln Leu Trp Tyr Gly His
1 5

<210> 20559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20559
Ser Ser Leu Lys Asn Phe Gln Ser Leu Tyr
1 5 10

<210> 20560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20560
Lys Asn Phe Gln Ser Leu Tyr Gln Leu Trp
1 5 10

<210> 20561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20561
Leu Tyr Gln Leu Trp Tyr Gly His Ser Phe
1 5 10

<210> 20562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20562
Asn Phe Gln Ser Leu Tyr Gln Leu Trp Tyr
1 5 10

<210> 20563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20563
Leu Ser Ser Leu Lys Asn Phe Gln Ser Leu
1 5 10

<210> 20564
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20564
Leu Lys Asn Phe Gln Ser Leu Tyr Gln Leu
1 5 10

<210> 20565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20565
Arg Pro Pro Ser Met Asp Arg Ala Ala
1 5

<210> 20566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20566
Pro Pro Ser Met Asp Arg Ala Ala Val
1 5

<210> 20567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20567
Arg Pro Pro Ser Met Asp Arg Ala Ala Val
1 5 10

<210> 20568
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20568
Leu Gln Leu Gln Pro Pro Ala Ala Gly
1 5

<210> 20569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20569
Asn Gln His Leu Gln Leu Gln Pro Pro Ala
1 5 10

<210> 20570
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20570
Glu Val Ser Asn Cys Thr Ser Arg Arg
1 5

<210> 20571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20571
Thr Thr Cys Gly Gln Asn Ala Thr Lys
1 5

<210> 20572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20572
Ala Thr Lys Leu Tyr Cys Phe Tyr Ser
1 5

<210> 20573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20573
Cys Gly Gln Asn Ala Thr Lys Leu Tyr
1 5

<210> 20574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20574
Asn Ala Thr Lys Leu Tyr Cys Phe Tyr
1 5

<210> 20575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20575
Lys Leu Tyr Cys Phe Tyr Ser Glu Asn Thr
1 5 10

<210> 20576
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20576
Gln Asn Ala Thr Lys Leu Tyr Cys Phe Tyr
1 5 10

<210> 20577
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20577
Asp Thr Thr Cys Gly Gln Asn Ala Thr Lys
1 5 10

<210> 20578
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20578
Gly Gln Asn Ala Thr Lys Leu Tyr Cys Phe
1 5 10

<210> 20579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20579
Ala Val His Tyr Cys His Lys Asn Cys Val
1 5 10

<210> 20580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20580
Lys Asn Cys Val Val His Arg Asp Leu Lys
1 5 10

<210> 20581
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20581
Val His Tyr Cys His Lys Asn Cys Val Val
1 5 10

<210> 20582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20582
His Lys Asn Cys Val Val His Arg Asp Leu
1 5 10

<210> 20583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20583
Tyr Leu Leu Gln Gly Ile Gln Asn Tyr
1 5

<210> 20584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20584
Ile Gln Asn Tyr His Ser Gly Asn Asp Val
1 5 10

<210> 20585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20585
Phe Ala Ser Val Val Asn Tyr Phe Ile
1 5

<210> 20586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20586
Ser Val Val Asn Tyr Phe Ile Glu Lys
1 5

<210> 20587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20587
His Phe Ala Ser Val Val Asn Tyr Phe
1 5

<210> 20588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20588
Val His Phe Ala Ser Val Val Asn Tyr
1 5

<210> 20589
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20589

Ala Ser Val Val Asn Tyr Phe Ile Glu Lys
1 5 10

<210> 20590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20590
Val His Phe Ala Ser Val Val Asn Tyr Phe
1 5 10

<210> 20591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20591
His Phe Ala Ser Val Val Asn Tyr Phe Ile
1 5 10

<210> 20592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20592
Tyr Phe Ile Glu Lys Glu Asn Tyr His Tyr
1 5 10

<210> 20593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20593
Asn Val His Phe Ala Ser Val Val Asn Tyr
1 5 10

<210> 20594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20594
Val Asn Tyr Phe Ile Glu Lys Glu Asn Tyr
1 5 10

<210> 20595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20595
Gln Leu Tyr Phe Trp Tyr Lys Arg Ala
1 5

<210> 20596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20596
Ser Tyr Gln Leu Tyr Phe Trp Tyr Lys
1 5

<210> 20597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20597
Tyr Gln Leu Tyr Phe Trp Tyr Lys Arg
1 5

<210> 20598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20598
Tyr Phe Trp Tyr Lys Arg Ala Pro Leu
1 5

<210> 20599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20599
Arg Ser Gln Thr Gly Trp Ala Pro Gly
1 5

<210> 20600
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20600
Ser Val Arg Gln Gln Val His Pro Ala
1 5

<210> 20601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20601
Phe Trp Tyr Lys Arg Ala Pro Leu Arg
1 5

<210> 20602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20602
Ala His His Gln Pro Val Pro Ser Tyr
1 5

<210> 20603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20603
Pro Ser Tyr Gln Leu Tyr Phe Trp Tyr
1 5

<210> 20604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20604
His Pro Gly Ala His His Gln Pro Val
1 5

<210> 20605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20605
Gln Pro Val Pro Ser Tyr Gln Leu Tyr
1 5

<210> 20606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20606
His Gln Pro Val Pro Ser Tyr Gln Leu

1 5

<210> 20607
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20607
Asp Glu Ala Pro His Pro Gly Ala His
1 5

<210> 20608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20608
Val Pro Ser Tyr Gln Leu Tyr Phe Trp
1 5

<210> 20609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20609
Tyr Gln Leu Tyr Phe Trp Tyr Lys Arg Ala
1 5 10

<210> 20610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20610
Pro Ser Tyr Gln Leu Tyr Phe Trp Tyr Lys
1 5 10

<210> 20611

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20611
Ser Tyr Gln Leu Tyr Phe Trp Tyr Lys Arg
1 5 10

<210> 20612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20612
Leu Tyr Phe Trp Tyr Lys Arg Ala Pro Leu
1 5 10

<210> 20613
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20613
Gly Ala His His Gln Pro Val Pro Ser Tyr
1 5 10

<210> 20614
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20614
His Gln Pro Val Pro Ser Tyr Gln Leu Tyr
1 5 10

<210> 20615
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20615
Tyr Phe Trp Tyr Lys Arg Ala Pro Leu Arg
1 5 10

<210> 20616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20616
Val Pro Ser Tyr Gln Leu Tyr Phe Trp Tyr
1 5 10

<210> 20617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20617
Arg Gln Gln Val His Pro Ala Asp Glu Ala
1 5 10

<210> 20618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20618
His His Gln Pro Val Pro Ser Tyr Gln Leu
1 5 10

<210> 20619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20619
Gln Pro Val Pro Ser Tyr Gln Leu Tyr Phe
1 5 10

<210> 20620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20620
Arg Glu Gly Gln Leu Cys Cys Ser Gln Ile
1 5 10

<210> 20621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20621
Gly Gln Leu Cys Cys Ser Gln Ile Ser Ala
1 5 10

<210> 20622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20622
Ser Gln Ile Ser Ala His Glu Gly Arg Ile
1 5 10

<210> 20623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20623
Asp Glu Ala Pro His Pro Gly Ala His His
1 5 10

<210> 20624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20624
Asn Leu Phe Lys Arg Leu Met Ile Val
1 5

<210> 20625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20625
Lys Thr Glu Glu Asn Leu Phe Lys Arg
1 5

<210> 20626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20626
Leu Phe Lys Arg Leu Met Ile Val Lys
1 5

<210> 20627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20627
Lys Lys Leu Lys Thr Glu Glu Asn Leu
1 5

<210> 20628
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20628
Lys Leu Lys Thr Glu Glu Asn Leu Phe
1 5

<210> 20629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20629
Glu Glu Asn Leu Phe Lys Arg Leu Met
1 5

<210> 20630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20630
Thr Glu Glu Asn Leu Phe Lys Arg Leu
1 5

<210> 20631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20631
Lys Leu Lys Thr Glu Glu Asn Leu Phe Lys
1 5 10

<210> 20632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20632
Asn Leu Phe Lys Arg Leu Met Ile Val Lys
1 5 10

<210> 20633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20633
Leu Phe Lys Arg Leu Met Ile Val Lys Lys
1 5 10

<210> 20634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20634
Lys Lys Leu Lys Thr Glu Glu Asn Leu Phe
1 5 10

<210> 20635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20635
Thr Glu Glu Asn Leu Phe Lys Arg Leu Met
1 5 10

<210> 20636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20636
Glu Glu Asn Leu Phe Lys Arg Leu Met Ile
1 5 10

<210> 20637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20637
Lys Leu Gly Ala Ile Val Pro Arg Val
1 5

<210> 20638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20638
Gly Ala Ile Val Pro Arg Val Val Lys
1 5

<210> 20639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20639
Val Pro Arg Val Val Lys Thr Leu Ile
1 5

<210> 20640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20640
Lys Lys Gly Lys Leu Gly Ala Ile Val
1 5

<210> 20641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20641
Lys Leu Gly Ala Ile Val Pro Arg Val Val
1 5 10

<210> 20642
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20642
Ala Ile Val Pro Arg Val Val Lys Thr Leu
1 5 10

<210> 20643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20643
Ser Gly Tyr Thr Thr Pro Lys Lys Gly Lys
1 5 10

<210> 20644
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20644
Lys Gly Lys Leu Gly Ala Ile Val Pro Arg
1 5 10

<210> 20645
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20645
Leu Gly Ala Ile Val Pro Arg Val Val Lys
1 5 10

<210> 20646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20646
Thr Pro Lys Lys Gly Lys Leu Gly Ala Ile
1 5 10

<210> 20647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20647
His Pro Gln Gln Gln Gln Pro His
1 5

<210> 20648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20648
Glu Leu Tyr Leu Glu Asp Ser Pro Trp
1 5

<210> 20649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20649
Arg Glu Leu Tyr Leu Glu Asp Ser Pro Trp
1 5 10

<210> 20650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20650
Pro Val Ala Glu Asp Asn Tyr Gly Tyr
1 5

<210> 20651
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20651
Leu Leu Gly Pro Leu Pro Met His Pro Val
1 5 10

<210> 20652
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20652
Pro Met His Pro Val Ala Glu Asp Asn Tyr
1 5 10

<210> 20653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20653

His Pro Val Ala Glu Asp Asn Tyr Gly Tyr
1 5 10

<210> 20654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20654
Leu Gln Gln Ala Lys Gln Leu Ala Ala
1 5

<210> 20655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20655
Lys Gln Leu Ala Ala Glu Thr Glu Gly
1 5

<210> 20656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20656
Lys Gln Leu Ala Ala Glu Thr Glu Gly Ile
1 5 10

<210> 20657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20657
Leu Leu Gln Gln Ala Lys Gln Leu Ala Ala
1 5 10

<210> 20658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20658
Gly Glu Leu Leu Gln Gln Ala Lys Gln Leu
1 5 10

<210> 20659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20659
Ser Val Leu Pro Ala Gly Pro Ser Leu
1 5

<210> 20660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20660
Leu Pro Ala Gly Pro Ser Leu Gly Ala
1 5

<210> 20661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20661
Val Leu Pro Ala Gly Pro Ser Leu Gly Ala
1 5 10

<210> 20662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20662
His Ser Val Leu Pro Ala Gly Pro Ser Leu
1 5 10

<210> 20663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20663
Ser Leu Ser Pro Val Ser Met Gly Arg
1 5

<210> 20664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20664
Lys Ser His Ser Thr Ser Leu Ser Pro
1 5

<210> 20665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20665
Tyr Pro Lys Ser His Ser Thr Ser Leu
1 5

<210> 20666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20666
Ser His Ser Thr Ser Leu Ser Pro Val
1 5

<210> 20667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20667
Ser Thr Ser Leu Ser Pro Val Ser Met
1 5

<210> 20668
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20668
Thr Ser Leu Ser Pro Val Ser Met Gly Arg
1 5 10

<210> 20669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20669
Lys Ser His Ser Thr Ser Leu Ser Pro Val
1 5 10

<210> 20670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20670
His Ser Thr Ser Leu Ser Pro Val Ser Met

1 5 10

<210> 20671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20671
Lys Gln Asn Pro Asn Thr Gln Leu Ser
1 5

<210> 20672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20672
Lys Pro Lys Gln Asn Pro Asn Thr Gln Leu
1 5 10

<210> 20673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20673
Lys Gln Asn Pro Asn Thr Gln Leu Ser Thr
1 5 10

<210> 20674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20674
Leu Ala Tyr Leu Val Pro Gly Pro Leu
1 5

<210> 20675

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20675
Thr Leu Ala Tyr Leu Val Pro Gly Pro Leu
1 5 10

<210> 20676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20676
Ala Val Ala Ser Ala Trp Leu Thr Val
1 5

<210> 20677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20677
Val Ala Ser Ala Trp Leu Thr Val Leu
1 5

<210> 20678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20678
Ser Ala Trp Leu Thr Val Leu Gly Leu
1 5

<210> 20679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20679
Ala Val Ala Ser Ala Trp Leu Thr Val Leu
1 5 10

<210> 20680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20680
Asp Ala Val Ala Ser Ala Trp Leu Thr Val
1 5 10

<210> 20681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20681
Ala Cys Arg Asp Ala Val Ala Ser Ala Trp
1 5 10

<210> 20682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20682
Ala Ser Ala Trp Leu Thr Val Leu Gly Leu
1 5 10

<210> 20683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20683
Leu Gln Ala Glu Ala Gly Ala Ser Thr
1 5

<210> 20684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20684
Ala Glu Ala Gly Ala Ser Thr Thr Leu
1 5

<210> 20685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20685
Leu Gln Ala Glu Ala Gly Ala Ser Thr Thr
1 5 10

<210> 20686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20686
Gln Ala Glu Ala Gly Ala Ser Thr Thr Leu
1 5 10

<210> 20687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20687
Ala Glu Ala Gly Ala Ser Thr Thr Leu Ser
1 5 10

<210> 20688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20688
Leu Leu Pro Pro Ala His His Arg Ala
1 5

<210> 20689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20689
Ala Glu Ala Gly Gly Gln Cys His Ala
1 5

<210> 20690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20690
Val Gln Arg Trp Glu Glu Ala Glu Leu
1 5

<210> 20691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20691
Leu Gln Thr Glu Ala Gly Gly Ala Ala
1 5

<210> 20692
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20692
Glu Glu Ala Glu Leu Gln Leu Glu Ser
1 5

<210> 20693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20693
Ala Glu Leu Arg Gly Gly Pro Gly Pro
1 5

<210> 20694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20694
Ala Glu Leu Gln Leu Glu Ser Ala Cys
1 5

<210> 20695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20695
Gly Leu Leu Pro Pro Ala His His Arg Ala
1 5 10

<210> 20696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20696
Val Gln Ala Glu Ala Gly Gly Gln Cys His
1 5 10

<210> 20697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20697
Gln Arg Trp Glu Glu Ala Glu Leu Gln Leu
1 5 10

<210> 20698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20698
Leu Glu Ser Ala Cys Arg Gly Gln Gly Leu
1 5 10

<210> 20699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20699
Leu Gln Thr Glu Ala Gly Gly Ala Ala Gly
1 5 10

<210> 20700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20700
Arg Gln Asp Arg Cys Arg Gly Leu Gln Leu
1 5 10

<210> 20701
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20701
Leu Gln Leu Arg Gly Gln Gly Pro Glu Gly
1 5 10

<210> 20702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20702
Glu Glu Ala Glu Leu Gln Leu Glu Ser Ala
1 5 10

<210> 20703
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20703
Val Thr Lys Gly Asp Thr Ala Thr Phe
1 5

<210> 20704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20704
Leu Glu Val Thr Lys Gly Asp Thr Ala
1 5

<210> 20705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20705
Glu Val Thr Lys Gly Asp Thr Ala Thr Phe
1 5 10

<210> 20706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20706
Lys Leu Arg Tyr Lys Ser Cys Lys Lys
1 5

<210> 20707
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20707
Arg Tyr Lys Ser Cys Lys Lys Gln Leu
1 5

<210> 20708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20708
Leu Leu Lys Cys Ile Lys Leu Arg Tyr
1 5

<210> 20709
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20709
Glu Leu Gln Glu Val Glu Lys Asn Arg
1 5

<210> 20710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20710
Lys Pro Leu Leu Lys Cys Ile Lys Leu
1 5

<210> 20711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20711
Cys Ile Lys Leu Arg Tyr Lys Ser Cys
1 5

<210> 20712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20712
Val Glu Lys Asn Arg Lys Pro Leu Leu
1 5

<210> 20713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20713
Leu Leu Lys Cys Ile Lys Leu Arg Tyr Lys
1 5 10

<210> 20714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20714
Val Glu Lys Asn Arg Lys Pro Leu Leu Lys
1 5 10

<210> 20715
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20715
Lys Asn Arg Lys Pro Leu Leu Lys Cys Ile
1 5 10

<210> 20716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20716
Cys Ile Lys Leu Arg Tyr Lys Ser Cys Lys
1 5 10

<210> 20717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20717

Arg Tyr Lys Ser Cys Lys Lys Gln Leu Lys
1 5 10

<210> 20718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20718
Gln Glu Val Glu Lys Asn Arg Lys Pro Leu
1 5 10

<210> 20719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20719
Leu Arg Tyr Lys Ser Cys Lys Lys Gln Leu
1 5 10

<210> 20720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20720
Lys Lys Thr Glu Leu Glu Val Gln Ile
1 5

<210> 20721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20721
Tyr Glu Lys Ile Val Ile Lys Lys Thr
1 5

<210> 20722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20722
Ile Val Ile Lys Lys Thr Glu Leu Glu Val
1 5 10

<210> 20723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20723
Lys Ser His Tyr Glu Lys Ile Val Ile Lys
1 5 10

<210> 20724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20724
Gln Cys Gln Asn Ser Pro Leu Pro Phe
1 5

<210> 20725
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20725
Ser Leu Gly Gln Cys Gln Asn Ser Pro Leu
1 5 10

<210> 20726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20726
Gly Gln Cys Gln Asn Ser Pro Leu Pro Phe
1 5 10

<210> 20727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20727
Cys Gln Asn Ser Pro Leu Pro Phe Gln Trp
1 5 10

<210> 20728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20728
Lys Gly Asn Met Gly Thr Glu Ser Met
1 5

<210> 20729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20729
Met Gly Thr Glu Ser Met Asp Thr Thr Tyr
1 5 10

<210> 20730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20730
Tyr Ala Asn Gly Val Ser Lys Gly Asn Met
1 5 10

<210> 20731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20731
Ser Lys Gly Asn Met Gly Thr Glu Ser Met
1 5 10

<210> 20732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20732
Trp Leu Ala Ala Ile Leu Asn Asn Ala
1 5

<210> 20733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20733
Asn Glu Asp Ser Arg Trp Leu Ala Ala
1 5

<210> 20734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20734
Arg Trp Leu Ala Ala Ile Leu Asn Asn Ala

1 5 10

<210> 20735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20735
Trp Leu Ala Ala Ile Leu Asn Asn Ala His
1 5 10

<210> 20736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20736
Asn Glu Asp Ser Arg Trp Leu Ala Ala Ile
1 5 10

<210> 20737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20737
Ser Phe Leu Arg Gly Pro Arg Leu Leu
1 5

<210> 20738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20738
Arg Val Arg Arg Ala His Glu Ser Val
1 5

<210> 20739

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20739
Ser Val His Arg Ser Phe Leu Arg Gly
1 5

<210> 20740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20740
Arg Ser Phe Leu Arg Gly Pro Arg Leu
1 5

<210> 20741
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20741
Cys Tyr Ser Gly Trp Glu Arg Cys Arg
1 5

<210> 20742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20742
Ser Gly Trp Glu Arg Cys Arg Val Arg
1 5

<210> 20743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20743
Glu Ser Val His Arg Ser Phe Leu Arg
1 5

<210> 20744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20744
Ala His Glu Ser Val His Arg Ser Phe
1 5

<210> 20745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20745
His Glu Ser Val His Arg Ser Phe Leu
1 5

<210> 20746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20746
Trp Glu Arg Cys Arg Val Arg Arg Ala
1 5

<210> 20747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20747
Arg Val Arg Arg Ala His Glu Ser Val His
1 5 10

<210> 20748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20748
Arg Ala His Glu Ser Val His Arg Ser Phe
1 5 10

<210> 20749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20749
Val His Arg Ser Phe Leu Arg Gly Pro Arg
1 5 10

<210> 20750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20750
Arg Ser Phe Leu Arg Gly Pro Arg Leu Leu
1 5 10

<210> 20751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20751
Ser Gly Trp Glu Arg Cys Arg Val Arg Arg
1 5 10

<210> 20752
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20752
Trp Glu Arg Cys Arg Val Arg Arg Ala His
1 5 10

<210> 20753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20753
Gln Pro Ala Ala Leu Pro Ala Glu Leu
1 5

<210> 20754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20754
Asn Gln Ser Pro Ala Gln Pro Ala Ala
1 5

<210> 20755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20755
Ser Pro Ala Gln Pro Ala Ala Leu Pro Ala
1 5 10

<210> 20756
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20756
Arg Arg Asn Gln Ser Pro Ala Gln Pro Ala
1 5 10

<210> 20757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20757
Asn Gln Ser Pro Ala Gln Pro Ala Ala Leu
1 5 10

<210> 20758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20758
Ala Gln Pro Ala Ala Leu Pro Ala Glu Leu
1 5 10

<210> 20759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20759
Arg Met Pro Glu Pro His Arg Ala Leu
1 5

<210> 20760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20760
Arg Ala Leu Pro Thr Arg Val Pro Phe
1 5

<210> 20761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20761
Ala Thr Arg Met Pro Glu Pro His Arg
1 5

<210> 20762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20762
Ser Trp Asp Ile Phe Phe Ala Thr Arg
1 5

<210> 20763
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20763
Trp Asp Ile Phe Phe Ala Thr Arg Met
1 5

<210> 20764
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20764
Phe Ala Thr Arg Met Pro Glu Pro His
1 5

<210> 20765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20765
Lys Ser Trp Asp Ile Phe Phe Ala Thr Arg
1 5 10

<210> 20766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20766
Ala Thr Arg Met Pro Glu Pro His Arg Ala
1 5 10

<210> 20767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20767
Arg Ala Leu Pro Thr Arg Val Pro Phe Pro
1 5 10

<210> 20768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20768
Phe Ala Thr Arg Met Pro Glu Pro His Arg
1 5 10

<210> 20769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20769
Met Pro Glu Pro His Arg Ala Leu Pro Thr
1 5 10

<210> 20770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20770
Thr Arg Met Pro Glu Pro His Arg Ala Leu
1 5 10

<210> 20771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20771
His Arg Ala Leu Pro Thr Arg Val Pro Phe
1 5 10

<210> 20772
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20772
Glu Pro His Arg Ala Leu Pro Thr Arg Val
1 5 10

<210> 20773
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20773
Lys Glu Val Gln Lys Tyr Pro Gln Cys
1 5

<210> 20774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20774
Leu Val His Gly Asp Ala Thr Phe Ala
1 5

<210> 20775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20775
Ala Thr Phe Ala Gly Gln Gly Val Val
1 5

<210> 20776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20776
Thr Phe Ala Gly Gln Gly Val Val Tyr
1 5

<210> 20777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20777
Asp Ala Thr Phe Ala Gly Gln Gly Val
1 5

<210> 20778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20778
Ile Leu Val His Gly Asp Ala Thr Phe
1 5

<210> 20779
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20779
Ala Thr Phe Ala Gly Gln Gly Val Val Tyr
1 5 10

<210> 20780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20780
Ile Leu Val His Gly Asp Ala Thr Phe Ala
1 5 10

<210> 20781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20781

Ser Ile Leu Val His Gly Asp Ala Thr Phe
1 5 10

<210> 20782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20782
Cys Ser Arg Ser Ser Gly Pro Pro Ala
1 5

<210> 20783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20783
Val Pro Val Phe Gly Trp Cys Ser Arg
1 5

<210> 20784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20784
Cys Ser Arg Ser Ser Gly Pro Pro Ala Thr
1 5 10

<210> 20785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20785
Asp Val Pro Val Phe Gly Trp Cys Ser Arg
1 5 10

<210> 20786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20786
Phe Leu Leu Leu Thr Leu Pro Lys Val
1 5

<210> 20787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20787
Phe Phe Leu Leu Leu Thr Leu Pro Lys
1 5

<210> 20788
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20788
Leu Thr Leu Pro Lys Val Lys Met Lys
1 5

<210> 20789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20789
Glu Tyr Gly Gly Phe Phe Phe Leu Leu
1 5

<210> 20790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20790
Tyr Gly Gly Phe Phe Phe Leu Leu Leu
1 5

<210> 20791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20791
Gly Phe Phe Phe Leu Leu Leu Thr Leu
1 5

<210> 20792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20792
Leu Pro Lys Val Lys Met Lys Ser Cys
1 5

<210> 20793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20793
Trp Glu Pro Glu Tyr Gly Gly Phe Phe
1 5

<210> 20794
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20794
Pro Glu Tyr Gly Gly Phe Phe Phe Leu
1 5

<210> 20795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20795
Glu Pro Glu Tyr Gly Gly Phe Phe Phe
1 5

<210> 20796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20796
Phe Phe Phe Leu Leu Leu Thr Leu Pro Lys
1 5 10

<210> 20797
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20797
Gly Trp Glu Pro Glu Tyr Gly Gly Phe Phe
1 5 10

<210> 20798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20798
Glu Tyr Gly Gly Phe Phe Phe Leu Leu Leu

1 5 10

<210> 20799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20799
Trp Glu Pro Glu Tyr Gly Gly Phe Phe Phe
1 5 10

<210> 20800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20800
Gly Gly Phe Phe Phe Leu Leu Leu Thr Leu
1 5 10

<210> 20801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20801
Leu Leu Leu Thr Leu Pro Lys Val Lys Met
1 5 10

<210> 20802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20802
Pro Glu Tyr Gly Gly Phe Phe Phe Leu Leu
1 5 10

<210> 20803

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20803
Glu Pro Glu Tyr Gly Gly Phe Phe Phe Leu
1 5 10

<210> 20804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20804
Glu Thr Pro Ser Glu Thr Pro Gly Pro Arg
1 5 10

<210> 20805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20805
Val Leu Asp Glu Arg Ser Ser Cys Ala
1 5

<210> 20806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20806
Arg Ser Ser Cys Ala Gln Gly Cys His Arg
1 5 10

<210> 20807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20807
Gln Leu Ile Ser Val Tyr Glu Asn Lys
1 5

<210> 20808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20808
Val Tyr Glu Asn Lys Leu Leu Asn Leu
1 5

<210> 20809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20809
Tyr Glu Asn Lys Leu Leu Asn Leu Thr
1 5

<210> 20810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20810
Gln Leu Ile Ser Val Tyr Glu Asn Lys Leu
1 5 10

<210> 20811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20811
Ser Val Tyr Glu Asn Lys Leu Leu Asn Leu
1 5 10

<210> 20812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20812
Val Gln Leu Ile Ser Val Tyr Glu Asn Lys
1 5 10

<210> 20813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20813
Tyr Glu Asn Lys Leu Leu Asn Leu Thr Val
1 5 10

<210> 20814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20814
Asn Gln Val Glu Tyr Leu Asp Arg Leu
1 5

<210> 20815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20815
Pro Ser His Gly Asn Gln Val Glu Tyr
1 5

<210> 20816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20816
Ser Thr His Pro Ser His Gly Asn Gln Val
1 5 10

<210> 20817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20817
His Pro Ser His Gly Asn Gln Val Glu Tyr
1 5 10

<210> 20818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20818
Asn Gln Val Glu Tyr Leu Asp Arg Leu Ile
1 5 10

<210> 20819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20819
Gln Leu Gly Met Glu Leu Ser Thr Val
1 5

<210> 20820
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20820
Ile Thr Ile Ser Gln Gln Leu Gly Met
1 5

<210> 20821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20821
Met Glu Leu Ser Thr Val Ser Asn Phe
1 5

<210> 20822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20822
Ile Ser Gln Gln Leu Gly Met Glu Leu
1 5

<210> 20823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20823
Gln Gln Leu Gly Met Glu Leu Ser Thr
1 5

<210> 20824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20824
Gln Gln Leu Gly Met Glu Leu Ser Thr Val
1 5 10

<210> 20825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20825
Gly Met Glu Leu Ser Thr Val Ser Asn Phe
1 5 10

<210> 20826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20826
Met Glu Leu Ser Thr Val Ser Asn Phe Phe
1 5 10

<210> 20827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20827
Ser Gln Gln Leu Gly Met Glu Leu Ser Thr
1 5 10

<210> 20828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20828
Ile Thr Val Phe Gly Arg Pro Cys Val
1 5

<210> 20829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20829
Cys Val Gln Asn Arg Val Lys Ser Met
1 5

<210> 20830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20830
Glu Ile Thr Val Phe Gly Arg Pro Cys Val
1 5 10

<210> 20831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20831
Val Glu Ile Thr Val Phe Gly Arg Pro Cys
1 5 10

<210> 20832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20832
Gln Glu Glu Ala Val Thr Glu Asp Leu
1 5

<210> 20833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20833
Val Thr Glu Asp Leu Arg Ala Pro Gly Lys
1 5 10

<210> 20834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20834
Phe Gln Glu Glu Ala Val Thr Glu Asp Leu
1 5 10

<210> 20835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20835
Glu Glu Ala Val Thr Glu Asp Leu Arg Ala
1 5 10

<210> 20836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20836
Cys Val Cys Trp Gly His Tyr Thr Phe
1 5

<210> 20837
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20837
Val Cys Trp Gly His Tyr Thr Phe Phe
1 5

<210> 20838
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20838
Ala Tyr Cys Val Cys Trp Gly His Tyr
1 5

<210> 20839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20839
Gly His Tyr Thr Phe Phe Ala Cys Phe
1 5

<210> 20840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20840
Tyr Cys Val Cys Trp Gly His Tyr Thr Phe
1 5 10

<210> 20841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20841
Cys Val Cys Trp Gly His Tyr Thr Phe Phe
1 5 10

<210> 20842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20842
Phe Ala Tyr Cys Val Cys Trp Gly His Tyr
1 5 10

<210> 20843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20843
Trp Gly His Tyr Thr Phe Phe Ala Cys Phe
1 5 10

<210> 20844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20844
Cys Phe Cys Trp Gly Pro Tyr Thr Phe
1 5

<210> 20845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20845

Phe Cys Trp Gly Pro Tyr Thr Phe Phe
1 5

<210> 20846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20846
Phe Cys Trp Gly Pro Tyr Thr Phe Phe Ala
1 5 10

<210> 20847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20847
Phe Cys Phe Cys Trp Gly Pro Tyr Thr Phe
1 5 10

<210> 20848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20848
Cys Phe Cys Trp Gly Pro Tyr Thr Phe Phe
1 5 10

<210> 20849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20849
Ala Ser Asp Ala Tyr Pro Ser Ala Phe
1 5

<210> 20850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20850
Ala Tyr Pro Ser Ala Phe Pro Ser Ala
1 5

<210> 20851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20851
Phe Pro Ser Ala Gly Ala Asn Ala Ser
1 5

<210> 20852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20852
Tyr Pro Ser Ala Phe Pro Ser Ala Gly
1 5

<210> 20853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20853
Asp Ala Tyr Pro Ser Ala Phe Pro Ser Ala
1 5 10

<210> 20854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20854
Tyr Pro Ser Ala Phe Pro Ser Ala Gly Ala
1 5 10

<210> 20855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20855
Asn Ala Ser Asp Ala Tyr Pro Ser Ala Phe
1 5 10

<210> 20856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20856
Ser Ala Phe Pro Ser Ala Gly Ala Asn Ala
1 5 10

<210> 20857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20857
Phe Pro Ser Ala Gly Ala Asn Ala Ser Gly
1 5 10

<210> 20858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20858
Leu Met Ile Leu His Leu Lys Ser Val
1 5

<210> 20859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20859
Tyr Gly Leu Met Ile Leu His Leu Lys
1 5

<210> 20860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20860
Cys Tyr Gly Leu Met Ile Leu His Leu
1 5

<210> 20861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20861
His Leu Lys Ser Val Arg Met Leu Ser
1 5

<210> 20862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20862
Met Ile Leu His Leu Lys Ser Val Arg

1 5

<210> 20863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20863
Ile Leu His Leu Lys Ser Val Arg Met
1 5

<210> 20864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20864
Leu His Leu Lys Ser Val Arg Met Leu
1 5

<210> 20865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20865
Gly Leu Met Ile Leu His Leu Lys Ser Val
1 5 10

<210> 20866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20866
Ile Leu His Leu Lys Ser Val Arg Met Leu
1 5 10

<210> 20867

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20867
His Leu Lys Ser Val Arg Met Leu Ser Gly
1 5 10

<210> 20868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20868
Leu Met Ile Leu His Leu Lys Ser Val Arg
1 5 10

<210> 20869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20869
Met Ile Leu His Leu Lys Ser Val Arg Met
1 5 10

<210> 20870
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20870
Ser Thr Arg Ile Cys Gln Asn Thr Arg
1 5

<210> 20871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20871
Asn Ser Thr Arg Ile Cys Gln Asn Thr Arg
1 5 10

<210> 20872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20872
Thr Gln Thr Trp Thr Arg Leu Pro Arg
1 5

<210> 20873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20873
Gln Thr Trp Thr Arg Leu Pro Arg Arg
1 5

<210> 20874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20874
Thr Trp Pro Thr Gln Thr Trp Thr Arg
1 5

<210> 20875
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20875
Trp Pro Thr Gln Thr Trp Thr Arg Leu
1 5

<210> 20876
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20876
Pro Pro Thr Trp Pro Thr Gln Thr Trp
1 5

<210> 20877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20877
Thr Trp Pro Thr Gln Thr Trp Thr Arg Leu
1 5 10

<210> 20878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20878
Arg Leu Pro Arg Arg Ser Cys Cys Ser Arg
1 5 10

<210> 20879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20879
Pro Thr Trp Pro Thr Gln Thr Trp Thr Arg
1 5 10

<210> 20880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20880
Pro Thr Gln Thr Trp Thr Arg Leu Pro Arg
1 5 10

<210> 20881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20881
Thr Gln Thr Trp Thr Arg Leu Pro Arg Arg
1 5 10

<210> 20882
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20882
Ser Glu Ser Thr Gly Asn Gly Pro Pro Thr
1 5 10

<210> 20883
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20883
Glu Ser Thr Gly Asn Gly Pro Pro Thr Trp
1 5 10

<210> 20884
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20884
Asn Leu Ser Val Val Glu Val Ser Val
1 5

<210> 20885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20885
Ser Val Val Glu Val Ser Val Ser Ala
1 5

<210> 20886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20886
Val Glu Val Ser Val Ser Ala Val Ile
1 5

<210> 20887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20887
Val Ser Ala Val Ile Thr Pro Glu Met
1 5

<210> 20888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20888
Ser Val Val Glu Val Ser Val Ser Ala Val
1 5 10

<210> 20889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20889
Ser Val Ser Ala Val Ile Thr Pro Glu Met
1 5 10

<210> 20890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20890
Val Glu Val Ser Val Ser Ala Val Ile Thr
1 5 10

<210> 20891
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20891
Leu Ser Thr Glu Lys Thr Met Ile Tyr
1 5

<210> 20892
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20892
Ser Thr Glu Lys Thr Met Ile Tyr Phe
1 5

<210> 20893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20893
Met Ile Tyr Phe Val Gly Cys Phe Ala
1 5

<210> 20894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20894
Tyr Phe Val Gly Cys Phe Ala Gln Met
1 5

<210> 20895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20895
Lys Thr Met Ile Tyr Phe Val Gly Cys
1 5

<210> 20896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20896
Thr Met Ile Tyr Phe Val Gly Cys Phe
1 5

<210> 20897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20897
Thr Glu Lys Thr Met Ile Tyr Phe Val
1 5

<210> 20898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20898
Thr Met Ile Tyr Phe Val Gly Cys Phe Ala
1 5 10

<210> 20899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20899
Lys Thr Met Ile Tyr Phe Val Gly Cys Phe
1 5 10

<210> 20900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20900
Ile Tyr Phe Val Gly Cys Phe Ala Gln Met
1 5 10

<210> 20901
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20901
Val Leu Ser Thr Glu Lys Thr Met Ile Tyr
1 5 10

<210> 20902
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20902
Tyr Phe Val Gly Cys Phe Ala Gln Met Tyr
1 5 10

<210> 20903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20903
Ser Thr Glu Lys Thr Met Ile Tyr Phe Val
1 5 10

<210> 20904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20904
Leu Ser Thr Glu Lys Thr Met Ile Tyr Phe
1 5 10

<210> 20905
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20905
Lys Thr Ser Ser Val Ile Ile Gly Val
1 5

<210> 20906
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20906
Ser Val Ile Ile Gly Val Met Leu Val
1 5

<210> 20907
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20907
Ile Ile Gly Val Met Leu Val Cys Val
1 5

<210> 20908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20908
Thr Ser Ser Val Ile Ile Gly Val Met
1 5

<210> 20909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20909

Val Ile Ile Gly Val Met Leu Val Cys Val
1 5 10

<210> 20910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20910
Lys Thr Ser Ser Val Ile Ile Gly Val Met
1 5 10

<210> 20911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20911
Ser Ser Val Ile Ile Gly Val Met Leu Val
1 5 10

<210> 20912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20912
Cys Glu Asn Lys Thr Ser Ser Val Ile Ile
1 5 10

<210> 20913
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20913
Gln Leu Val Gln Gly Ala Cys Ser Ile
1 5

<210> 20914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20914
Arg Leu Arg Ile Gln Leu Val Gln Gly
1 5

<210> 20915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20915
Val Gln Gly Ala Cys Ser Ile Gly Leu
1 5

<210> 20916
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20916
Arg Leu Arg Ile Gln Leu Val Gln Gly Ala
1 5 10

<210> 20917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20917
Ile Gln Leu Val Gln Gly Ala Cys Ser Ile
1 5 10

<210> 20918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20918
Val Gln Gly Ala Cys Ser Ile Gly Leu Ile
1 5 10

<210> 20919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20919
Lys Ile Ala Ser Val Glu Gly Gln Lys
1 5

<210> 20920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20920
Lys Ile Ala Ser Val Glu Gly Gln Lys Lys
1 5 10

<210> 20921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20921
Ala Ser Val Glu Gly Gln Lys Lys Ala Phe
1 5 10

<210> 20922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20922
Val Ile Thr Pro Phe Ile Ser Pro Ile
1 5

<210> 20923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20923
Phe Ile Ser Pro Ile Ile Phe Ser Leu
1 5

<210> 20924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20924
Ile Ser Pro Ile Ile Phe Ser Leu Arg
1 5

<210> 20925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20925
Pro Tyr Thr Val Ile Thr Pro Phe Ile
1 5

<210> 20926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20926
Ile Thr Pro Phe Ile Ser Pro Ile Ile

1 5

<210> 20927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20927
Thr Pro Phe Ile Ser Pro Ile Ile Phe
1 5

<210> 20928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20928
Thr Val Ile Thr Pro Phe Ile Ser Pro Ile
1 5 10

<210> 20929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20929
Val Ile Thr Pro Phe Ile Ser Pro Ile Ile
1 5 10

<210> 20930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20930
Phe Ile Ser Pro Ile Ile Phe Ser Leu Arg
1 5 10

<210> 20931

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20931
Ile Thr Pro Phe Ile Ser Pro Ile Ile Phe
1 5 10

<210> 20932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20932
Pro Phe Ile Ser Pro Ile Ile Phe Ser Leu
1 5 10

<210> 20933
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20933
Val Pro Tyr Thr Val Ile Thr Pro Phe Ile
1 5 10

<210> 20934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20934
Arg Ile Phe Ile Leu Ser Leu Phe Val
1 5

<210> 20935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20935
Phe Ile Leu Ser Leu Phe Val Leu Leu
1 5

<210> 20936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20936
Ile Leu Ser Leu Phe Val Leu Leu Val
1 5

<210> 20937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20937
Leu Arg Ile Phe Ile Leu Ser Leu Phe
1 5

<210> 20938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20938
Ile Phe Ile Leu Ser Leu Phe Val Leu
1 5

<210> 20939
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20939
Ser Leu Phe Val Leu Leu Val Ser Phe
1 5

<210> 20940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20940
Leu Phe Val Leu Leu Val Ser Phe Phe
1 5

<210> 20941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20941
Phe Val Leu Leu Val Ser Phe Phe Phe
1 5

<210> 20942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20942
Arg Ile Phe Ile Leu Ser Leu Phe Val Leu
1 5 10

<210> 20943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20943
Phe Ile Leu Ser Leu Phe Val Leu Leu Val
1 5 10

<210> 20944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20944
Phe Val Leu Leu Val Ser Phe Phe Phe Ile
1 5 10

<210> 20945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20945
Ile Phe Ile Leu Ser Leu Phe Val Leu Leu
1 5 10

<210> 20946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20946
Leu Ser Leu Phe Val Leu Leu Val Ser Phe
1 5 10

<210> 20947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20947
Ser Leu Phe Val Leu Leu Val Ser Phe Phe
1 5 10

<210> 20948
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20948
Leu Phe Val Leu Leu Val Ser Phe Phe Phe
1 5 10

<210> 20949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20949
Glu Leu Arg Ile Phe Ile Leu Ser Leu Phe
1 5 10

<210> 20950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20950
Ile Met Thr Gly Pro Leu Cys Ala Lys
1 5

<210> 20951
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20951
Met Thr Gly Pro Leu Cys Ala Lys Leu
1 5

<210> 20952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20952
Tyr Pro Asn Ile Met Thr Gly Pro Leu
1 5

<210> 20953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20953
Gly Pro Leu Cys Ala Lys Leu Val Ile
1 5

<210> 20954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20954
Ile Met Thr Gly Pro Leu Cys Ala Lys Leu
1 5 10

<210> 20955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20955
Leu Leu Tyr Pro Asn Ile Met Thr Gly Pro
1 5 10

<210> 20956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20956
Asn Ile Met Thr Gly Pro Leu Cys Ala Lys
1 5 10

<210> 20957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20957
Leu Tyr Pro Asn Ile Met Thr Gly Pro Leu
1 5 10

<210> 20958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20958
Met Thr Gly Pro Leu Cys Ala Lys Leu Val
1 5 10

<210> 20959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20959
Gly Pro Leu Cys Ala Lys Leu Val Ile Leu
1 5 10

<210> 20960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20960
Tyr Pro Asn Ile Met Thr Gly Pro Leu Cys
1 5 10

<210> 20961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20961
Thr Ile Val Val Glu Phe Phe Leu Lys
1 5

<210> 20962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20962
His Thr Ile Val Val Glu Phe Phe Leu
1 5

<210> 20963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20963
Met Glu Trp Glu Asn His Thr Ile Val
1 5

<210> 20964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20964
Ile Val Val Glu Phe Phe Leu Lys Gly Leu
1 5 10

<210> 20965
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20965
His Thr Ile Val Val Glu Phe Phe Leu Lys
1 5 10

<210> 20966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20966
Met Glu Trp Glu Asn His Thr Ile Val Val
1 5 10

<210> 20967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20967
Trp Glu Asn His Thr Ile Val Val Glu Phe
1 5 10

<210> 20968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20968
Val Ile Tyr Thr Tyr Ile His Pro Ala
1 5

<210> 20969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20969
Tyr Ile His Pro Ala Ser Ser Tyr Thr
1 5

<210> 20970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20970
Ile His Pro Ala Ser Ser Tyr Thr Phe
1 5

<210> 20971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20971
Thr Tyr Ile His Pro Ala Ser Ser Tyr
1 5

<210> 20972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20972
Tyr Thr Tyr Ile His Pro Ala Ser Ser
1 5

<210> 20973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20973

Ser Pro Val Ile Tyr Thr Tyr Ile His
1 5

<210> 20974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20974
Tyr Thr Tyr Ile His Pro Ala Ser Ser Tyr
1 5 10

<210> 20975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20975
Tyr Ile His Pro Ala Ser Ser Tyr Thr Phe
1 5 10

<210> 20976
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20976
His Pro Ala Ser Ser Tyr Thr Phe Glu Arg
1 5 10

<210> 20977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20977
Thr Ala Cys Thr Phe Ser Leu Ser Tyr
1 5

<210> 20978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20978
His Thr Ala Cys Thr Phe Ser Leu Ser
1 5

<210> 20979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20979
Ala Val Met His Thr Ala Cys Thr Phe
1 5

<210> 20980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20980
Met His Thr Ala Cys Thr Phe Ser Leu
1 5

<210> 20981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20981
His Thr Ala Cys Thr Phe Ser Leu Ser Tyr
1 5 10

<210> 20982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20982
Val Met His Thr Ala Cys Thr Phe Ser Leu
1 5 10

<210> 20983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20983
Gly Leu Ile Ala Val Met His Thr Ala Cys
1 5 10

<210> 20984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20984
Ile Ala Val Met His Thr Ala Cys Thr Phe
1 5 10

<210> 20985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20985
Asn Leu Ser Leu Ile Asp Phe Cys Leu
1 5

<210> 20986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 20986
Ser Leu Ile Asp Phe Cys Leu Ala Thr
1 5

<210> 20987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20987
Phe Phe Leu Ala Asn Leu Ser Leu Ile
1 5

<210> 20988
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20988
Leu Ala Asn Leu Ser Leu Ile Asp Phe
1 5

<210> 20989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20989
Asn Leu Ser Leu Ile Asp Phe Cys Leu Ala
1 5 10

<210> 20990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20990
Phe Leu Ala Asn Leu Ser Leu Ile Asp Phe

1 5 10

<210> 20991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20991
Tyr Phe Phe Leu Ala Asn Leu Ser Leu Ile
1 5 10

<210> 20992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20992
Ile Asp Phe Cys Leu Ala Thr Asn Thr Ile
1 5 10

<210> 20993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20993
Ile Leu Val Asn Leu Leu His Pro Ala
1 5

<210> 20994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 20994
Cys Ser Thr Val Pro Gln Ile Leu Val
1 5

<210> 20995

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20995
Thr Val Pro Gln Ile Leu Val Asn Leu
1 5

<210> 20996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20996
Val Pro Gln Ile Leu Val Asn Leu Leu
1 5

<210> 20997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20997
Ile Leu Val Asn Leu Leu His Pro Ala Lys
1 5 10

<210> 20998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20998
Ser Thr Val Pro Gln Ile Leu Val Asn Leu
1 5 10

<210> 20999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 20999
Thr Val Pro Gln Ile Leu Val Asn Leu Leu
1 5 10

<210> 21000
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21000
Gln Met Phe Leu Phe Leu Cys Phe Ala
1 5

<210> 21001
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21001
Phe Leu Phe Leu Cys Phe Ala His Thr
1 5

<210> 21002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21002
Phe Leu Cys Phe Ala His Thr Glu Cys
1 5

<210> 21003
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21003
Thr Gln Met Phe Leu Phe Leu Cys Phe
1 5

<210> 21004
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21004
Leu Cys Phe Ala His Thr Glu Cys Leu
1 5

<210> 21005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21005
Met Thr Gln Met Phe Leu Phe Leu Cys Phe
1 5 10

<210> 21006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21006
Thr Gln Met Phe Leu Phe Leu Cys Phe Ala
1 5 10

<210> 21007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21007
Phe Leu Cys Phe Ala His Thr Glu Cys Leu
1 5 10

<210> 21008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21008
Cys Phe Ala His Thr Glu Cys Leu Leu Leu
1 5 10

<210> 21009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21009
Gln Met Phe Leu Phe Leu Cys Phe Ala His
1 5 10

<210> 21010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21010
His Leu Ala Ile Ile Asp Ile Leu Tyr
1 5

<210> 21011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21011
Ala Ile Ile Asp Ile Leu Tyr Ala Ser
1 5

<210> 21012
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21012
Leu Tyr Ala Ser Asn Asn Val Pro Lys
1 5

<210> 21013
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21013
Asp Ile Leu Tyr Ala Ser Asn Asn Val
1 5

<210> 21014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21014
Ile Leu Tyr Ala Ser Asn Asn Val Pro
1 5

<210> 21015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21015
His Leu Ala Ile Ile Asp Ile Leu Tyr Ala
1 5 10

<210> 21016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21016
Ile Leu Tyr Ala Ser Asn Asn Val Pro Lys
1 5 10

<210> 21017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21017
Leu Tyr Ala Ser Asn Asn Val Pro Lys Met
1 5 10

<210> 21018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21018
Ser His Leu Ala Ile Ile Asp Ile Leu Tyr
1 5 10

<210> 21019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21019
Leu Ser His Leu Ala Ile Ile Asp Ile Leu
1 5 10

<210> 21020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21020
Ile Asp Ile Leu Tyr Ala Ser Asn Asn Val
1 5 10

<210> 21021
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21021
Ile Val Val Trp Met Phe Tyr Gly Ala
1 5

<210> 21022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21022
Trp Met Phe Tyr Gly Ala Ala Thr Phe
1 5

<210> 21023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21023
His Leu Ile Val Val Trp Met Phe Tyr
1 5

<210> 21024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21024
Ser His Leu Ile Val Val Trp Met Phe
1 5

<210> 21025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21025
Ser Ser His Leu Ile Val Val Trp Met
1 5

<210> 21026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21026
Cys Ser Ser His Leu Ile Val Val Trp
1 5

<210> 21027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21027
Leu Ile Val Val Trp Met Phe Tyr Gly Ala
1 5 10

<210> 21028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21028
Trp Met Phe Tyr Gly Ala Ala Thr Phe Met
1 5 10

<210> 21029
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21029
Ser Ser His Leu Ile Val Val Trp Met Phe
1 5 10

<210> 21030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21030
Val Trp Met Phe Tyr Gly Ala Ala Thr Phe
1 5 10

<210> 21031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21031
Ser His Leu Ile Val Val Trp Met Phe Tyr
1 5 10

<210> 21032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21032
Ile Val Val Trp Met Phe Tyr Gly Ala Ala
1 5 10

<210> 21033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21033
Phe Gln Tyr Gly Cys Ile Asn Ser Leu
1 5

<210> 21034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21034
Cys Ile Asn Ser Leu Leu Phe Val Val
1 5

<210> 21035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21035
Gln Tyr Gly Cys Ile Asn Ser Leu Leu
1 5

<210> 21036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21036
Tyr Gly Cys Ile Asn Ser Leu Leu Phe
1 5

<210> 21037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21037

Phe Gln Tyr Gly Cys Ile Asn Ser Leu Leu
1 5 10

<210> 21038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21038
Cys Ile Asn Ser Leu Leu Phe Val Val Ile
1 5 10

<210> 21039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21039
Gln Tyr Gly Cys Ile Asn Ser Leu Leu Phe
1 5 10

<210> 21040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21040
Trp Ile Asn Ser Leu Leu Phe Val Ile
1 5

<210> 21041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21041
Ser Leu Leu Phe Val Ile Ile Ala Thr
1 5

<210> 21042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21042
Leu Leu Phe Val Ile Ile Ala Thr Leu
1 5

<210> 21043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21043
Val Ile Ile Ala Thr Leu Phe Thr Val
1 5

<210> 21044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21044
Ile Ile Ala Thr Leu Phe Thr Val Ala
1 5

<210> 21045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21045
Leu Phe Val Ile Ile Ala Thr Leu Phe
1 5

<210> 21046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21046
Trp Ile Asn Ser Leu Leu Phe Val Ile Ile
1 5 10

<210> 21047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21047
Ser Leu Leu Phe Val Ile Ile Ala Thr Leu
1 5 10

<210> 21048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21048
Phe Val Ile Ile Ala Thr Leu Phe Thr Val
1 5 10

<210> 21049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21049
Val Ile Ile Ala Thr Leu Phe Thr Val Ala
1 5 10

<210> 21050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21050
Ile Ile Ala Thr Leu Phe Thr Val Ala Leu
1 5 10

<210> 21051
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21051
Gly Trp Ile Asn Ser Leu Leu Phe Val Ile
1 5 10

<210> 21052
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21052
Leu Leu Phe Val Ile Ile Ala Thr Leu Phe
1 5 10

<210> 21053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21053
Lys Ser Asp Asn His Ser Phe Leu Val
1 5

<210> 21054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21054
Phe Leu Val Asp Ser Pro Lys Ala Phe

1 5

<210> 21055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21055
His Ser Phe Leu Val Asp Ser Pro Lys
1 5

<210> 21056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21056
Phe Leu Val Asp Ser Pro Lys Ala Phe Ile
1 5 10

<210> 21057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21057
Ser Phe Leu Val Asp Ser Pro Lys Ala Phe
1 5 10

<210> 21058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21058
Met Lys Ser Asp Asn His Ser Phe Leu Val
1 5 10

<210> 21059

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21059
Ile Tyr Thr Leu Arg Asn Lys Glu Ile
1 5

<210> 21060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21060
Ala Val Ala Ser Val Phe Ile Phe Val
1 5

<210> 21061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21061
Ser Val Phe Ile Phe Val Val Pro Leu
1 5

<210> 21062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21062
Phe Ile Phe Val Val Pro Leu Ser Leu
1 5

<210> 21063
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21063
Phe Val Val Pro Leu Ser Leu Ile Leu
1 5

<210> 21064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21064
Val Ala Val Ala Ser Val Phe Ile Phe
1 5

<210> 21065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21065
Ile Phe Val Val Pro Leu Ser Leu Ile
1 5

<210> 21066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21066
Val Ala Ser Val Phe Ile Phe Val Val
1 5

<210> 21067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21067
Val Ala Val Ala Ser Val Phe Ile Phe Val
1 5 10

<210> 21068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21068
Ala Val Ala Ser Val Phe Ile Phe Val Val
1 5 10

<210> 21069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21069
Phe Ile Phe Val Val Pro Leu Ser Leu Ile
1 5 10

<210> 21070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21070
Phe Val Val Pro Leu Ser Leu Ile Leu Val
1 5 10

<210> 21071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21071
Val Phe Ile Phe Val Val Pro Leu Ser Leu
1 5 10

<210> 21072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21072
Ile Phe Val Val Pro Leu Ser Leu Ile Leu
1 5 10

<210> 21073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21073
Gln Val Ala Val Ala Ser Val Phe Ile Phe
1 5 10

<210> 21074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21074
Ala Ser Val Phe Ile Phe Val Val Pro Leu
1 5 10

<210> 21075
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21075
Met Gln Ser Thr Thr Trp Leu Gln Lys
1 5

<210> 21076
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21076
Thr Thr Trp Leu Gln Lys Val Phe Arg
1 5

<210> 21077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21077
Gln Ser Thr Thr Trp Leu Gln Lys Val
1 5

<210> 21078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21078
Val Leu Ser Met Gln Ser Thr Thr Trp
1 5

<210> 21079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21079
Leu Ser Met Gln Ser Thr Thr Trp Leu
1 5

<210> 21080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21080
Ser Thr Thr Trp Leu Gln Lys Val Phe
1 5

<210> 21081
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21081
Val Leu Ser Met Gln Ser Thr Thr Trp Leu
1 5 10

<210> 21082
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21082
Met Gln Ser Thr Thr Trp Leu Gln Lys Val
1 5 10

<210> 21083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21083
Ser Met Gln Ser Thr Thr Trp Leu Gln Lys
1 5 10

<210> 21084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21084
Ser Thr Thr Trp Leu Gln Lys Val Phe Arg
1 5 10

<210> 21085
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21085
Ala Val Leu Ser Met Gln Ser Thr Thr Trp
1 5 10

<210> 21086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21086
Gln Ser Thr Thr Trp Leu Gln Lys Val Phe
1 5 10

<210> 21087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21087
Val Gln Ser Phe Phe Phe Leu Thr Ile
1 5

<210> 21088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21088
Gln Ser Phe Phe Phe Leu Thr Ile Ala
1 5

<210> 21089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21089
Leu Thr Ile Ala Cys Ser Glu Gly Leu
1 5

<210> 21090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21090
Ile Ala Cys Ser Glu Gly Leu Leu Leu
1 5

<210> 21091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21091
Phe Leu Thr Ile Ala Cys Ser Glu Gly Leu
1 5 10

<210> 21092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21092
Gly Val Gln Ser Phe Phe Phe Leu Thr Ile
1 5 10

<210> 21093
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21093
Leu Thr Ile Ala Cys Ser Glu Gly Leu Leu
1 5 10

<210> 21094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21094
Val Gln Ser Phe Phe Phe Leu Thr Ile Ala
1 5 10

<210> 21095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21095
Thr Ile Ser Ala His Leu Thr Val Val
1 5

<210> 21096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21096
Lys Ala Phe Thr Thr Ile Ser Ala His
1 5

<210> 21097
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21097
Ala His Leu Thr Val Val Ile Phe Tyr
1 5

<210> 21098
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21098
Phe Thr Thr Ile Ser Ala His Leu Thr
1 5

<210> 21099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21099
Thr Thr Ile Ser Ala His Leu Thr Val
1 5

<210> 21100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21100
Ser Ala His Leu Thr Val Val Ile Phe
1 5

<210> 21101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21101

Lys Lys Ala Phe Thr Thr Ile Ser Ala
1 5

<210> 21102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21102
Ile Ser Ala His Leu Thr Val Val Ile
1 5

<210> 21103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21103
Phe Thr Thr Ile Ser Ala His Leu Thr Val
1 5 10

<210> 21104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21104
Thr Thr Ile Ser Ala His Leu Thr Val Val
1 5 10

<210> 21105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21105
Thr Ile Ser Ala His Leu Thr Val Val Ile
1 5 10

<210> 21106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21106
Ile Ser Ala His Leu Thr Val Val Ile Phe
1 5 10

<210> 21107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21107
Arg Lys Lys Ala Phe Thr Thr Ile Ser Ala
1 5 10

<210> 21108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21108
Lys Ala Phe Thr Thr Ile Ser Ala His Leu
1 5 10

<210> 21109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21109
Ser Ala His Leu Thr Val Val Ile Phe Tyr
1 5 10

<210> 21110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21110
Ala His Leu Thr Val Val Ile Phe Tyr Tyr
1 5 10

<210> 21111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21111
Lys Lys Ala Phe Thr Thr Ile Ser Ala His
1 5 10

<210> 21112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21112
Gln Leu Ser Ile Ile Asp Leu Asn Tyr
1 5

<210> 21113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21113
Phe Leu Leu Ser Gln Leu Ser Ile Ile
1 5

<210> 21114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21114
Leu Leu Ser Gln Leu Ser Ile Ile Asp Leu
1 5 10

<210> 21115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21115
Gln Leu Ser Ile Ile Asp Leu Asn Tyr Ile
1 5 10

<210> 21116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21116
Tyr Phe Leu Leu Ser Gln Leu Ser Ile Ile
1 5 10

<210> 21117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21117
Ser Gln Leu Ser Ile Ile Asp Leu Asn Tyr
1 5 10

<210> 21118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21118
Ile Glu Asn Tyr Asn Gln Thr Ser Thr

1 5

<210> 21119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21119
Ile Ile Tyr Ser Leu Arg Asn Arg Glu Val
1 5 10

<210> 21120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21120
Arg Asn Arg Glu Val Met Gly Ala Leu Thr
1 5 10

<210> 21121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21121
Arg Glu Val Met Gly Ala Leu Thr Arg Val
1 5 10

<210> 21122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21122
Ala Ser Met Ala Tyr Asp Cys Tyr Ile
1 5

<210> 21123

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21123
Ser Met Ala Tyr Asp Cys Tyr Ile Ala
1 5

<210> 21124
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21124
Met Ala Tyr Asp Cys Tyr Ile Ala Ile
1 5

<210> 21125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21125
Cys Tyr Ile Ala Ile Cys Phe Pro Leu
1 5

<210> 21126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21126
Ser Met Ala Tyr Asp Cys Tyr Ile Ala Ile
1 5 10

<210> 21127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21127
Ala Tyr Asp Cys Tyr Ile Ala Ile Cys Phe
1 5 10

<210> 21128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21128
Cys Tyr Ile Ala Ile Cys Phe Pro Leu His
1 5 10

<210> 21129
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21129
Arg Ser Ser Ala Ile Asn His Phe Phe
1 5

<210> 21130
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21130
Ile Pro Tyr Cys Arg Ser Ser Ala Ile
1 5

<210> 21131
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21131
Cys Arg Ser Ser Ala Ile Asn His Phe
1 5

<210> 21132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21132
His Ile Pro Tyr Cys Arg Ser Ser Ala Ile
1 5 10

<210> 21133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21133
Ser Ala Ile Asn His Phe Phe Cys Asp Val
1 5 10

<210> 21134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21134
Arg Ser Ser Ala Ile Asn His Phe Phe Cys
1 5 10

<210> 21135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21135
Tyr Cys Arg Ser Ser Ala Ile Asn His Phe
1 5 10

<210> 21136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21136
Leu His Ile Pro Tyr Cys Arg Ser Ser Ala
1 5 10

<210> 21137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21137
Cys Arg Ser Ser Ala Ile Asn His Phe Phe
1 5 10

<210> 21138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21138
Phe Leu Ser His His Leu Ser Arg Val
1 5

<210> 21139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21139
Ser Leu His Trp Tyr Phe Met Phe Leu
1 5

<210> 21140
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21140
Phe Met Phe Leu Trp Pro Gly Ser Leu
1 5

<210> 21141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21141
Phe Leu Trp Pro Gly Ser Leu Cys Cys
1 5

<210> 21142
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21142
Ser Leu Cys Cys Leu Pro His Glu Ile
1 5

<210> 21143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21143
Leu Leu Cys Thr Phe Cys Leu His Leu
1 5

<210> 21144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21144
Ser Leu Phe Asp Leu Gln His Pro Pro
1 5

<210> 21145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21145
Cys Leu His Leu Ser Thr Ser Lys Ile
1 5

<210> 21146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21146
His Leu Ser Thr Ser Lys Ile Pro Ala
1 5

<210> 21147
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21147
Leu Leu His His Pro His Pro Asn Ala
1 5

<210> 21148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21148
Ser Arg Val Ser Leu His Trp Tyr Phe
1 5

<210> 21149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21149
Val Ser Leu His Trp Tyr Phe Met Phe
1 5

<210> 21150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21150
Trp Tyr Phe Met Phe Leu Trp Pro Gly
1 5

<210> 21151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21151
Cys Ser Asn Phe Leu Leu Cys Thr Phe
1 5

<210> 21152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21152
Asn Phe Leu Leu Cys Thr Phe Cys Leu
1 5

<210> 21153
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21153
Val Phe Leu Ser His His Leu Ser Arg
1 5

<210> 21154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21154
Arg Val Ser Leu His Trp Tyr Phe Met
1 5

<210> 21155
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21155
Leu Ser Arg Val Ser Leu His Trp Tyr
1 5

<210> 21156
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21156
His Pro Pro His Cys Ser Asn Phe Leu
1 5

<210> 21157
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21157
His Pro His Pro Asn Ala Gln Pro His
1 5

<210> 21158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21158
His Pro Asn Ala Gln Pro His His Leu
1 5

<210> 21159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21159
Tyr Glu Gly Thr Val Phe Leu Ser His
1 5

<210> 21160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21160
Ser His His Leu Ser Arg Val Ser Leu
1 5

<210> 21161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21161
His Leu Ser Arg Val Ser Leu His Trp
1 5

<210> 21162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21162
Cys Arg Arg Glu Glu Glu Ser Leu Phe
1 5

<210> 21163
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21163
Arg Glu Glu Glu Ser Leu Phe Asp Leu
1 5

<210> 21164
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21164
Leu Gln His Pro Pro His Cys Ser Asn
1 5

<210> 21165
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21165

Arg Gly Gln Gly Ser Gly Cys Leu Leu
1 5

<210> 21166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21166
Gly Gln Gly Ser Gly Cys Leu Leu His
1 5

<210> 21167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21167
Glu Glu Ser Leu Phe Asp Leu Gln His
1 5

<210> 21168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21168
Leu His Trp Tyr Phe Met Phe Leu Trp
1 5

<210> 21169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21169
His Leu Ser Arg Val Ser Leu His Trp Tyr
1 5 10

<210> 21170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21170
Val Ser Leu His Trp Tyr Phe Met Phe Leu
1 5 10

<210> 21171
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21171
Phe Met Phe Leu Trp Pro Gly Ser Leu Cys
1 5 10

<210> 21172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21172
Phe Leu Trp Pro Gly Ser Leu Cys Cys Leu
1 5 10

<210> 21173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21173
Phe Leu Leu Cys Thr Phe Cys Leu His Leu
1 5 10

<210> 21174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21174
His Leu Ser Thr Ser Lys Ile Pro Ala Ile
1 5 10

<210> 21175
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21175
Cys Leu Leu His His Pro His Pro Asn Ala
1 5 10

<210> 21176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21176
Phe Leu Ser His His Leu Ser Arg Val Ser
1 5 10

<210> 21177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21177
Thr Val Phe Leu Ser His His Leu Ser Arg
1 5 10

<210> 21178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21178
Thr Phe Cys Leu His Leu Ser Thr Ser Lys
1 5 10

<210> 21179
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21179
Val Phe Leu Ser His His Leu Ser Arg Val
1 5 10

<210> 21180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21180
Arg Val Ser Leu His Trp Tyr Phe Met Phe
1 5 10

<210> 21181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21181
Ser Leu His Trp Tyr Phe Met Phe Leu Trp
1 5 10

<210> 21182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21182
Tyr Phe Met Phe Leu Trp Pro Gly Ser Leu

1 5 10

<210> 21183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21183
Thr Ser Lys Ile Pro Ala Ile Ser Asn Arg
1 5 10

<210> 21184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21184
His Pro Pro His Cys Ser Asn Phe Leu Leu
1 5 10

<210> 21185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21185
Leu Ser Arg Val Ser Leu His Trp Tyr Phe
1 5 10

<210> 21186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21186
Leu Gln His Pro Pro His Cys Ser Asn Phe
1 5 10

<210> 21187

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21187
Ser Leu Phe Asp Leu Gln His Pro Pro His
1 5 10

<210> 21188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21188
Tyr Glu Gly Thr Val Phe Leu Ser His His
1 5 10

<210> 21189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21189
Leu Ser His His Leu Ser Arg Val Ser Leu
1 5 10

<210> 21190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21190
His His Leu Ser Arg Val Ser Leu His Trp
1 5 10

<210> 21191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21191
Ser Arg Val Ser Leu His Trp Tyr Phe Met
1 5 10

<210> 21192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21192
Ile Cys Arg Arg Glu Glu Glu Ser Leu Phe
1 5 10

<210> 21193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21193
His Cys Ser Asn Phe Leu Leu Cys Thr Phe
1 5 10

<210> 21194
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21194
Leu His Leu Ser Thr Ser Lys Ile Pro Ala
1 5 10

<210> 21195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21195
Gly Gln Gly Ser Gly Cys Leu Leu His His
1 5 10

<210> 21196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21196
Trp Pro Gly Ser Leu Cys Cys Leu Pro His
1 5 10

<210> 21197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21197
Val Ser His Lys Phe Ser Ser Ile Tyr
1 5

<210> 21198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21198
Leu Ala Leu Asn Val Phe Phe Trp Leu
1 5

<210> 21199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21199
Ala Leu Asn Val Phe Phe Trp Leu Leu
1 5

<210> 21200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21200
Asn Val Phe Phe Trp Leu Leu Trp Leu
1 5

<210> 21201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21201
Trp Leu Leu Trp Leu Met Thr Ala Ile
1 5

<210> 21202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21202
Leu Leu Trp Leu Met Thr Ala Ile Leu
1 5

<210> 21203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21203
Leu Met Thr Ala Ile Leu Leu Phe Ala
1 5

<210> 21204
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21204
Val Val Ser His Lys Phe Ser Ser Ile
1 5

<210> 21205
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21205
Ile Ser Met Val Val Val Ser His Lys
1 5

<210> 21206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21206
Ser Met Val Val Val Ser His Lys Phe
1 5

<210> 21207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21207
Lys Phe Ser Ser Ile Tyr His Cys Leu
1 5

<210> 21208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21208
Ile Tyr His Cys Leu Ala Leu Asn Val
1 5

<210> 21209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21209
Cys Leu Ala Leu Asn Val Phe Phe Trp
1 5

<210> 21210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21210
Val Phe Phe Trp Leu Leu Trp Leu Met
1 5

<210> 21211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21211
Leu Trp Leu Met Thr Ala Ile Leu Leu
1 5

<210> 21212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21212
Trp Leu Met Thr Ala Ile Leu Leu Phe
1 5

<210> 21213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21213
Gly Ser Lys Ser Ile Ser Met Val Val
1 5

<210> 21214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21214
Phe Ser Ser Ile Tyr His Cys Leu Ala
1 5

<210> 21215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21215
Met Thr Ala Ile Leu Leu Phe Ala Thr
1 5

<210> 21216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21216
Thr Ala Ile Leu Leu Phe Ala Thr Leu
1 5

<210> 21217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21217
Ser Ser Ile Tyr His Cys Leu Ala Leu
1 5

<210> 21218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21218
Ser Lys Ser Ile Ser Met Val Val Val
1 5

<210> 21219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21219
His Lys Phe Ser Ser Ile Tyr His Cys
1 5

<210> 21220
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21220
Tyr His Cys Leu Ala Leu Asn Val Phe
1 5

<210> 21221
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21221
His Cys Leu Ala Leu Asn Val Phe Phe
1 5

<210> 21222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21222
Ser Ile Tyr His Cys Leu Ala Leu Asn Val
1 5 10

<210> 21223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21223
Cys Leu Ala Leu Asn Val Phe Phe Trp Leu
1 5 10

<210> 21224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21224
Leu Ala Leu Asn Val Phe Phe Trp Leu Leu
1 5 10

<210> 21225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21225
Asn Val Phe Phe Trp Leu Leu Trp Leu Met
1 5 10

<210> 21226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21226
Trp Leu Leu Trp Leu Met Thr Ala Ile Leu
1 5 10

<210> 21227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21227
Leu Leu Trp Leu Met Thr Ala Ile Leu Leu
1 5 10

<210> 21228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21228
Trp Leu Met Thr Ala Ile Leu Leu Phe Ala
1 5 10

<210> 21229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21229

Leu Met Thr Ala Ile Leu Leu Phe Ala Thr
1 5 10

<210> 21230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21230
Met Thr Ala Ile Leu Leu Phe Ala Thr Leu
1 5 10

<210> 21231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21231
Val Val Val Ser His Lys Phe Ser Ser Ile
1 5 10

<210> 21232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21232
Ser Ile Ser Met Val Val Val Ser His Lys
1 5 10

<210> 21233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21233
Val Ser His Lys Phe Ser Ser Ile Tyr His
1 5 10

<210> 21234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21234
Ile Ser Met Val Val Val Ser His Lys Phe
1 5 10

<210> 21235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21235
Ile Tyr His Cys Leu Ala Leu Asn Val Phe
1 5 10

<210> 21236
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21236
Tyr His Cys Leu Ala Leu Asn Val Phe Phe
1 5 10

<210> 21237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21237
Phe Trp Leu Leu Trp Leu Met Thr Ala Ile
1 5 10

<210> 21238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21238
Leu Trp Leu Met Thr Ala Ile Leu Leu Phe
1 5 10

<210> 21239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21239
Gly Ser Lys Ser Ile Ser Met Val Val Val
1 5 10

<210> 21240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21240
Lys Phe Ser Ser Ile Tyr His Cys Leu Ala
1 5 10

<210> 21241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21241
Val Val Ser His Lys Phe Ser Ser Ile Tyr
1 5 10

<210> 21242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21242
Lys Ser Ile Ser Met Val Val Val Ser His
1 5 10

<210> 21243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21243
His Lys Phe Ser Ser Ile Tyr His Cys Leu
1 5 10

<210> 21244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21244
Phe Ser Ser Ile Tyr His Cys Leu Ala Leu
1 5 10

<210> 21245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21245
His Leu Phe Cys Glu Phe Pro Ser Leu
1 5

<210> 21246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21246
Gly Ser Arg Glu Ile Ala His Leu Phe

1 5

<210> 21247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21247
Glu Ile Ala His Leu Phe Cys Glu Phe
1 5

<210> 21248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21248
Arg Glu Ile Ala His Leu Phe Cys Glu
1 5

<210> 21249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21249
His Leu Phe Cys Glu Phe Pro Ser Leu Leu
1 5 10

<210> 21250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21250
Arg Glu Ile Ala His Leu Phe Cys Glu Phe
1 5 10

<210> 21251

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21251
Leu Phe Cys Glu Phe Pro Ser Leu Leu Ile
1 5 10

<210> 21252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21252
Gly Ser Arg Glu Ile Ala His Leu Phe Cys
1 5 10

<210> 21253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21253
Cys Gly Ser Arg Glu Ile Ala His Leu Phe
1 5 10

<210> 21254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21254
Ala His Leu Phe Cys Glu Phe Pro Ser Leu
1 5 10

<210> 21255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21255
Leu Leu Leu Ala Lys Phe Phe Phe Leu
1 5

<210> 21256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21256
Leu Leu Ala Lys Phe Phe Phe Leu Ile
1 5

<210> 21257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21257
Lys Leu Tyr Val Leu Leu Leu Ala Lys
1 5

<210> 21258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21258
Leu Tyr Val Leu Leu Leu Ala Lys Phe
1 5

<210> 21259
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21259
Val Leu Leu Leu Ala Lys Phe Phe Phe
1 5

<210> 21260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21260
Val Leu Leu Leu Ala Lys Phe Phe Phe Leu
1 5 10

<210> 21261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21261
Leu Leu Leu Ala Lys Phe Phe Phe Leu Ile
1 5 10

<210> 21262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21262
Lys Leu Tyr Val Leu Leu Leu Ala Lys Phe
1 5 10

<210> 21263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21263
Leu Tyr Val Leu Leu Leu Ala Lys Phe Phe
1 5 10

<210> 21264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21264
Tyr Val Leu Leu Leu Ala Lys Phe Phe Phe
1 5 10

<210> 21265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21265
Leu Ala Lys Phe Phe Phe Leu Ile Ser Ile
1 5 10

<210> 21266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21266
Leu Pro His Lys Leu Tyr Val Leu Leu Leu
1 5 10

<210> 21267
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21267
Ser Gly Glu Gly Arg His Lys Ala Phe
1 5

<210> 21268
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21268
His Met Gly Ser Gly Glu Gly Arg His Lys
1 5 10

<210> 21269
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21269
Gly Ser Gly Glu Gly Arg His Lys Ala Phe
1 5 10

<210> 21270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21270
His Lys Ala Phe Thr Thr Cys Ser Ser His
1 5 10

<210> 21271
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21271
Gly Glu Gly Arg His Lys Ala Phe Thr Thr
1 5 10

<210> 21272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21272
Lys Ile Val Ser Val Phe Tyr Thr Ile
1 5

<210> 21273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21273
Thr Gln Asp Lys Ile Val Ser Val Phe
1 5

<210> 21274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21274
Thr Gln Asp Lys Ile Val Ser Val Phe Tyr
1 5 10

<210> 21275
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21275
Lys Ile Val Ser Val Phe Tyr Thr Ile Leu
1 5 10

<210> 21276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21276
Ser Pro Thr Gln Asp Lys Ile Val Ser Val
1 5 10

<210> 21277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21277
Phe Ile Cys Cys Ile Leu Met Ile Val
1 5

<210> 21278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21278
Cys Ile Leu Met Ile Val Phe Pro Val
1 5

<210> 21279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21279
Ile Leu Met Ile Val Phe Pro Val Ala
1 5

<210> 21280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21280
Leu Met Ile Val Phe Pro Val Ala Ile
1 5

<210> 21281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21281
Leu Phe Ile Cys Cys Ile Leu Met Ile
1 5

<210> 21282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21282
Lys Val Leu Phe Ile Cys Cys Ile Leu
1 5

<210> 21283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21283
Val Leu Phe Ile Cys Cys Ile Leu Met
1 5

<210> 21284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21284
Val Leu Phe Ile Cys Cys Ile Leu Met Ile
1 5 10

<210> 21285
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21285
Ile Leu Met Ile Val Phe Pro Val Ala Ile
1 5 10

<210> 21286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21286
Leu Met Ile Val Phe Pro Val Ala Ile Ile
1 5 10

<210> 21287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21287
Lys Val Leu Phe Ile Cys Cys Ile Leu Met
1 5 10

<210> 21288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21288
Phe Ile Cys Cys Ile Leu Met Ile Val Phe
1 5 10

<210> 21289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21289
His Leu Ala Cys Ala Asp Thr Ser Val
1 5

<210> 21290
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21290
Glu Ala Pro Val Leu Val His Leu Ala
1 5

<210> 21291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21291
Cys Glu Ala Pro Val Leu Val His Leu
1 5

<210> 21292
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21292
His Leu Ala Cys Ala Asp Thr Ser Val Phe
1 5 10

<210> 21293
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21293

Cys Glu Ala Pro Val Leu Val His Leu Ala
1 5 10

<210> 21294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21294
Tyr Gly Ala Gly Ile Phe Thr Tyr Leu
1 5

<210> 21295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21295
Gly Ile Phe Thr Tyr Leu Arg Pro Lys
1 5

<210> 21296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21296
Gly Ala Gly Ile Phe Thr Tyr Leu Arg
1 5

<210> 21297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21297
Thr Tyr Leu Arg Pro Lys Ser His Arg
1 5

<210> 21298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21298
Tyr Leu Arg Pro Lys Ser His Arg Ser
1 5

<210> 21299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21299
Ala Gly Ile Phe Thr Tyr Leu Arg Pro Lys
1 5 10

<210> 21300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21300
Phe Thr Tyr Leu Arg Pro Lys Ser His Arg
1 5 10

<210> 21301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21301
Phe Tyr Gly Ala Gly Ile Phe Thr Tyr Leu
1 5 10

<210> 21302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21302
Tyr Gly Ala Gly Ile Phe Thr Tyr Leu Arg
1 5 10

<210> 21303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21303
Tyr Leu Arg Pro Lys Ser His Arg Ser Thr
1 5 10

<210> 21304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21304
Gly Leu Leu Gln Asn Ser Thr Asn Val
1 5

<210> 21305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21305
Leu Leu Gln Asn Ser Thr Asn Val Val
1 5

<210> 21306
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21306
Ser Thr Asn Val Val Leu Thr Gly Leu
1 5

<210> 21307
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21307
Leu Gln Asn Ser Thr Asn Val Val Leu
1 5

<210> 21308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21308
Gly Leu Leu Gln Asn Ser Thr Asn Val Val
1 5 10

<210> 21309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21309
Leu Leu Gln Asn Ser Thr Asn Val Val Leu
1 5 10

<210> 21310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21310
Asn Ser Thr Asn Val Val Leu Thr Gly Leu

1 5 10

<210> 21311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21311
Ser Thr Asn Val Val Leu Thr Gly Leu Ile
1 5 10

<210> 21312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21312
Leu Gln Asn Ser Thr Asn Val Val Leu Thr
1 5 10

<210> 21313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21313
Gln Ser Asn Tyr Ser Val Tyr Ala Tyr
1 5

<210> 21314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21314
Ser Val Tyr Ala Tyr Phe Ile Leu Leu
1 5

<210> 21315

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21315
Tyr Ala Tyr Phe Ile Leu Leu Gly Leu
1 5

<210> 21316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21316
Ser Asn Tyr Ser Val Tyr Ala Tyr Phe
1 5

<210> 21317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21317
Asn Tyr Ser Val Tyr Ala Tyr Phe Ile
1 5

<210> 21318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21318
Tyr Ser Val Tyr Ala Tyr Phe Ile Leu
1 5

<210> 21319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21319
Val Tyr Ala Tyr Phe Ile Leu Leu Gly
1 5

<210> 21320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21320
Ala Tyr Phe Ile Leu Leu Gly Leu Phe
1 5

<210> 21321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21321
Tyr Ser Val Tyr Ala Tyr Phe Ile Leu Leu
1 5 10

<210> 21322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21322
Asn Tyr Ser Val Tyr Ala Tyr Phe Ile Leu
1 5 10

<210> 21323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21323
Val Tyr Ala Tyr Phe Ile Leu Leu Gly Leu
1 5 10

<210> 21324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21324
Tyr Ala Tyr Phe Ile Leu Leu Gly Leu Phe
1 5 10

<210> 21325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21325
Glu Gln Ser Asn Tyr Ser Val Tyr Ala Tyr
1 5 10

<210> 21326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21326
Gln Ser Asn Tyr Ser Val Tyr Ala Tyr Phe
1 5 10

<210> 21327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21327
Ser Asn Tyr Ser Val Tyr Ala Tyr Phe Ile
1 5 10

<210> 21328
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21328
Ala Met Ala Tyr Asp Ser Tyr Ala Ala
1 5

<210> 21329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21329
Met Ala Tyr Asp Ser Tyr Ala Ala Val
1 5

<210> 21330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21330
Ala Ala Met Ala Tyr Asp Ser Tyr Ala
1 5

<210> 21331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21331
Ser Tyr Ala Ala Val Cys His Pro Leu
1 5

<210> 21332
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21332
Leu Ala Ala Met Ala Tyr Asp Ser Tyr
1 5

<210> 21333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21333
Phe Leu Leu Ala Ala Met Ala Tyr Asp Ser
1 5 10

<210> 21334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21334
Ala Met Ala Tyr Asp Ser Tyr Ala Ala Val
1 5 10

<210> 21335
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21335
Ala Ala Met Ala Tyr Asp Ser Tyr Ala Ala
1 5 10

<210> 21336
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21336
Leu Leu Ala Ala Met Ala Tyr Asp Ser Tyr
1 5 10

<210> 21337
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21337
Ser Tyr Ala Ala Val Cys His Pro Leu Arg
1 5 10

<210> 21338
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21338
Leu Ala Ala Met Ala Tyr Asp Ser Tyr Ala
1 5 10

<210> 21339
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21339
Asp Ser Tyr Ala Ala Val Cys His Pro Leu
1 5 10

<210> 21340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21340
Met Ala Tyr Asp Ser Tyr Ala Ala Val Cys
1 5 10

<210> 21341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21341
Phe Gln Tyr Cys Gly Ala His Glu Ile
1 5

<210> 21342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21342
Thr Leu Ser Phe Gln Tyr Cys Gly Ala
1 5

<210> 21343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21343
Ala Val Val Thr Leu Ser Phe Gln Tyr
1 5

<210> 21344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21344
Leu Ser Phe Gln Tyr Cys Gly Ala His
1 5

<210> 21345
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21345
Ser Phe Gln Tyr Cys Gly Ala His Glu Ile
1 5 10

<210> 21346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21346
Gln Ala Val Val Thr Leu Ser Phe Gln Tyr
1 5 10

<210> 21347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21347
Phe Gln Tyr Cys Gly Ala His Glu Ile Asp
1 5 10

<210> 21348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21348
Ala Leu Ala Thr Phe Ser Ser His Met
1 5

<210> 21349
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21349
Lys Ala Leu Ala Thr Phe Ser Ser His
1 5

<210> 21350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21350
Ala Thr Phe Ser Ser His Met Ile Ile
1 5

<210> 21351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21351
Gly Arg Arg Lys Ala Leu Ala Thr Phe
1 5

<210> 21352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21352
Arg Lys Ala Leu Ala Thr Phe Ser Ser
1 5

<210> 21353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21353
Phe Ser Ser His Met Ile Ile Val Leu
1 5

<210> 21354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21354
Leu Ala Thr Phe Ser Ser His Met Ile
1 5

<210> 21355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21355
Ala Leu Ala Thr Phe Ser Ser His Met Ile
1 5 10

<210> 21356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21356
Ala Thr Phe Ser Ser His Met Ile Ile Val
1 5 10

<210> 21357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21357

Phe Ser Ser His Met Ile Ile Val Leu Leu
1 5 10

<210> 21358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21358
Thr Phe Ser Ser His Met Ile Ile Val Leu
1 5 10

<210> 21359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21359
Lys Ala Leu Ala Thr Phe Ser Ser His Met
1 5 10

<210> 21360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21360
Ala Gly Arg Arg Lys Ala Leu Ala Thr Phe
1 5 10

<210> 21361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21361
Arg Lys Ala Leu Ala Thr Phe Ser Ser His
1 5 10

<210> 21362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21362
Leu Ala Thr Phe Ser Ser His Met Ile Ile
1 5 10

<210> 21363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21363
Gly Met Gln Met Phe Phe Tyr Leu Thr
1 5

<210> 21364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21364
Met Gln Met Phe Phe Tyr Leu Thr Leu
1 5

<210> 21365
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21365
Cys Gly Met Gln Met Phe Phe Tyr Leu
1 5

<210> 21366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21366
Gly Met Gln Met Phe Phe Tyr Leu Thr Leu
1 5 10

<210> 21367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21367
Met Gln Met Phe Phe Tyr Leu Thr Leu Ala
1 5 10

<210> 21368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21368
Phe Tyr Leu Thr Leu Ala Gly Ser Glu Phe
1 5 10

<210> 21369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21369
Ala Met Leu Leu Ile Pro Phe Ser Leu
1 5

<210> 21370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21370
Met Leu Leu Ile Pro Phe Ser Leu Val
1 5

<210> 21371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21371
Leu Leu Ile Pro Phe Ser Leu Val Thr
1 5

<210> 21372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21372
Leu Ile Pro Phe Ser Leu Val Thr Ala
1 5

<210> 21373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21373
Leu Val Thr Ala Ser Tyr Thr Arg Ile
1 5

<210> 21374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21374
Ser Leu Val Thr Ala Ser Tyr Thr Arg

1 5

<210> 21375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21375
Pro Phe Ser Leu Val Thr Ala Ser Tyr
1 5

<210> 21376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21376
Ile Pro Phe Ser Leu Val Thr Ala Ser
1 5

<210> 21377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21377
Ala Met Leu Leu Ile Pro Phe Ser Leu Val
1 5 10

<210> 21378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21378
Leu Leu Ile Pro Phe Ser Leu Val Thr Ala
1 5 10

<210> 21379

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21379
Ser Leu Val Thr Ala Ser Tyr Thr Arg Ile
1 5 10

<210> 21380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21380
Phe Ser Leu Val Thr Ala Ser Tyr Thr Arg
1 5 10

<210> 21381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21381
Ile Pro Phe Ser Leu Val Thr Ala Ser Tyr
1 5 10

<210> 21382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21382
Val Ala Met Leu Leu Ile Pro Phe Ser Leu
1 5 10

<210> 21383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21383
Ile Ile Val Val Val Leu Leu Phe Val
1 5

<210> 21384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21384
Leu Leu Phe Val Pro Cys Ile Phe Val
1 5

<210> 21385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21385
His Ile Ile Val Val Val Leu Leu Phe
1 5

<210> 21386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21386
Val Leu Leu Phe Val Pro Cys Ile Phe
1 5

<210> 21387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21387
Leu Phe Val Pro Cys Ile Phe Val Tyr
1 5

<210> 21388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21388
His Ile Ile Val Val Val Leu Leu Phe Val
1 5 10

<210> 21389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21389
Val Leu Leu Phe Val Pro Cys Ile Phe Val
1 5 10

<210> 21390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21390
Leu Leu Phe Val Pro Cys Ile Phe Val Tyr
1 5 10

<210> 21391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21391
Ser His Ile Ile Val Val Val Leu Leu Phe
1 5 10

<210> 21392
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21392
Val Val Leu Leu Phe Val Pro Cys Ile Phe
1 5 10

<210> 21393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21393
Leu Phe Val Pro Cys Ile Phe Val Tyr Leu
1 5 10

<210> 21394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21394
Ile Ser His Ile Ile Val Val Val Leu Leu
1 5 10

<210> 21395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21395
Met Val Val Pro Ile Leu Asn Pro Val
1 5

<210> 21396
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21396
Ile Leu Asn Pro Val Val Tyr Thr Leu
1 5

<210> 21397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21397
Val Phe Tyr Thr Met Val Val Pro Ile
1 5

<210> 21398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21398
Phe Tyr Thr Met Val Val Pro Ile Leu
1 5

<210> 21399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21399
Val Pro Ile Leu Asn Pro Val Val Tyr
1 5

<210> 21400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21400
Ala Val Phe Tyr Thr Met Val Val Pro Ile
1 5 10

<210> 21401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21401
Thr Met Val Val Pro Ile Leu Asn Pro Val
1 5 10

<210> 21402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21402
Met Val Val Pro Ile Leu Asn Pro Val Val
1 5 10

<210> 21403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21403
Ile Leu Asn Pro Val Val Tyr Thr Leu Arg
1 5 10

<210> 21404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21404
Val Phe Tyr Thr Met Val Val Pro Ile Leu
1 5 10

<210> 21405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21405
Val Val Pro Ile Leu Asn Pro Val Val Tyr
1 5 10

<210> 21406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21406
Arg Lys Lys Val Thr Ser Asp Asn Tyr
1 5

<210> 21407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21407
Trp Arg Lys Lys Val Thr Ser Asp Asn Tyr
1 5 10

<210> 21408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21408
Pro Met Phe Phe Phe Leu Phe Phe Leu
1 5

<210> 21409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21409
Phe Leu Ser Leu Ser Asp Thr Cys Leu
1 5

<210> 21410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21410
Phe Phe Phe Leu Phe Phe Leu Ser Leu
1 5

<210> 21411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21411
Asn Pro Met Phe Phe Phe Leu Phe Phe
1 5

<210> 21412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21412
Phe Leu Phe Phe Leu Ser Leu Ser Asp Thr
1 5 10

<210> 21413
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21413
Phe Leu Ser Leu Ser Asp Thr Cys Leu Ser
1 5 10

<210> 21414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21414
Lys Asn Pro Met Phe Phe Phe Leu Phe Phe
1 5 10

<210> 21415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21415
Met Phe Phe Phe Leu Phe Phe Leu Ser Leu
1 5 10

<210> 21416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21416
Asn Pro Met Phe Phe Phe Leu Phe Phe Leu
1 5 10

<210> 21417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21417
Tyr Met Thr Ile Ile Arg Gln Trp Val
1 5

<210> 21418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21418
Ile Ile Arg Gln Trp Val Cys Gly Val
1 5

<210> 21419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21419
His Tyr Met Thr Ile Ile Arg Gln Trp
1 5

<210> 21420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21420
Arg Gln Trp Val Cys Gly Val Leu Met
1 5

<210> 21421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21421

Thr Ile Ile Arg Gln Trp Val Cys Gly Val
1 5 10

<210> 21422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21422
Arg Gln Trp Val Cys Gly Val Leu Met Ala
1 5 10

<210> 21423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21423
His Tyr Met Thr Ile Ile Arg Gln Trp Val
1 5 10

<210> 21424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21424
Leu His Tyr Met Thr Ile Ile Arg Gln Trp
1 5 10

<210> 21425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21425
Ile Arg Gln Trp Val Cys Gly Val Leu Met
1 5 10

<210> 21426
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21426
Ser Leu Val Gln Ile Phe Leu Ala Met
1 5

<210> 21427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21427
Val Gln Ile Phe Leu Ala Met Ser Leu
1 5

<210> 21428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21428
Phe Leu Ala Met Ser Leu Pro Phe Cys
1 5

<210> 21429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21429
Ile Phe Leu Ala Met Ser Leu Pro Phe
1 5

<210> 21430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21430
Met Ser Leu Pro Phe Cys Gly Pro Asn Val
1 5 10

<210> 21431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21431
Phe Leu Ala Met Ser Leu Pro Phe Cys Gly
1 5 10

<210> 21432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21432
Gln Ile Phe Leu Ala Met Ser Leu Pro Phe
1 5 10

<210> 21433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21433
His Ser Leu Val Gln Ile Phe Leu Ala Met
1 5 10

<210> 21434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21434
Val Gln Ile Phe Leu Ala Met Ser Leu Pro
1 5 10

<210> 21435
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21435
Ala Gln Leu Phe Gly Ala His Phe Phe
1 5

<210> 21436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21436
Leu Phe Gly Ala His Phe Phe Gly Arg
1 5

<210> 21437
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21437
Gln Leu Phe Gly Ala His Phe Phe Gly Arg
1 5 10

<210> 21438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21438
Met Ala Gln Leu Phe Gly Ala His Phe Phe

1 5 10

<210> 21439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21439
Met Val Ile Leu Val Ser Leu Gln Lys
1 5

<210> 21440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21440
Ile Leu Val Ser Leu Gln Lys His Ser Ala
1 5 10

<210> 21441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21441
Tyr Met Val Ile Leu Val Ser Leu Gln Lys
1 5 10

<210> 21442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21442
Phe Leu Phe Phe Gly Pro Phe Ile Phe
1 5

<210> 21443

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21443
Phe Ile Phe Ile Tyr Met Trp Pro Leu
1 5

<210> 21444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21444
Val Phe Leu Phe Phe Gly Pro Phe Ile
1 5

<210> 21445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21445
Leu Phe Phe Gly Pro Phe Ile Phe Ile
1 5

<210> 21446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21446
Phe Phe Gly Pro Phe Ile Phe Ile Tyr
1 5

<210> 21447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21447
Val Val Phe Leu Phe Phe Gly Pro Phe
1   5

<210> 21448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21448
Gly Pro Phe Ile Phe Ile Tyr Met Trp
1   5

<210> 21449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21449
Val Val Phe Leu Phe Phe Gly Pro Phe Ile
1   5   10

<210> 21450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21450
Phe Leu Phe Phe Gly Pro Phe Ile Phe Ile
1   5   10

<210> 21451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21451
Ile Val Val Phe Leu Phe Phe Gly Pro Phe
1 5 10

<210> 21452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21452
Val Phe Leu Phe Phe Gly Pro Phe Ile Phe
1 5 10

<210> 21453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21453
Phe Phe Gly Pro Phe Ile Phe Ile Tyr Met
1 5 10

<210> 21454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21454
Phe Gly Pro Phe Ile Phe Ile Tyr Met Trp
1 5 10

<210> 21455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21455
Pro Phe Ile Phe Ile Tyr Met Trp Pro Leu
1 5 10

<210> 21456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21456
Leu Phe Phe Gly Pro Phe Ile Phe Ile Tyr
1 5 10

<210> 21457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21457
Asn Val Val Asp Ser Phe Phe Val Ile
1 5

<210> 21458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21458
Phe Leu Glu Ser Pro Asn Leu Pro Ala
1 5

<210> 21459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21459
Pro Ala Trp Thr Leu Thr Ser Leu Lys
1 5

<210> 21460
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21460
Ala Trp Thr Leu Thr Ser Leu Lys Tyr
1 5

<210> 21461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21461
Ser Pro Asn Leu Pro Ala Trp Thr Leu
1 5

<210> 21462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21462
Leu Pro Ala Trp Thr Leu Thr Ser Leu
1 5

<210> 21463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21463
Val Val Asp Ser Phe Phe Val Ile Phe
1 5

<210> 21464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21464
Leu Glu Ser Pro Asn Leu Pro Ala Trp
1 5

<210> 21465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21465
Val Val Asp Ser Phe Phe Val Ile Phe Leu
1 5 10

<210> 21466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21466
Phe Val Ile Phe Leu Glu Ser Pro Asn Leu
1 5 10

<210> 21467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21467
Asn Leu Pro Ala Trp Thr Leu Thr Ser Leu
1 5 10

<210> 21468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21468
Pro Ala Trp Thr Leu Thr Ser Leu Lys Tyr
1 5 10

<210> 21469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21469
Glu Ser Pro Asn Leu Pro Ala Trp Thr Leu
1 5 10

<210> 21470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21470
Asn Val Val Asp Ser Phe Phe Val Ile Phe
1 5 10

<210> 21471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21471
Phe Leu Glu Ser Pro Asn Leu Pro Ala Trp
1 5 10

<210> 21472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21472
Leu Glu Ser Pro Asn Leu Pro Ala Trp Thr
1 5 10

<210> 21473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21473
Tyr Leu Phe Ile Leu Pro Glu Asn Ile
1 5

<210> 21474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21474
Phe Ile Leu Pro Glu Asn Ile Leu Ile
1 5

<210> 21475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21475
Ile Leu Pro Glu Asn Ile Leu Ile Ile
1 5

<210> 21476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21476
Tyr Leu Phe Ile Leu Pro Glu Asn Ile Leu
1 5 10

<210> 21477
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21477
Phe Ile Leu Pro Glu Asn Ile Leu Ile Ile
1 5 10

<210> 21478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21478
Phe Tyr Leu Phe Ile Leu Pro Glu Asn Ile
1 5 10

<210> 21479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21479
Leu Phe Ile Leu Pro Glu Asn Ile Leu Ile
1 5 10

<210> 21480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21480
Glu Asn Ile Leu Ile Ile Cys Thr Ile Arg
1 5 10

<210> 21481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21481
Leu Thr Val Met Ser Phe Asp Leu Tyr
1 5

<210> 21482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21482
Leu Leu Thr Val Met Ser Phe Asp Leu
1 5

<210> 21483
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21483
Val Met Ser Phe Asp Leu Tyr Thr Ala
1 5

<210> 21484
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21484
Met Ser Phe Asp Leu Tyr Thr Ala Ile
1 5

<210> 21485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21485

Met Phe Leu Leu Thr Val Met Ser Phe
1 5

<210> 21486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21486
Thr Val Met Ser Phe Asp Leu Tyr Thr
1 5

<210> 21487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21487
Leu Leu Thr Val Met Ser Phe Asp Leu Tyr
1 5 10

<210> 21488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21488
Phe Leu Leu Thr Val Met Ser Phe Asp Leu
1 5 10

<210> 21489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21489
Thr Val Met Ser Phe Asp Leu Tyr Thr Ala
1 5 10

<210> 21490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21490
Val Met Ser Phe Asp Leu Tyr Thr Ala Ile
1 5 10

<210> 21491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21491
Glu Met Phe Leu Leu Thr Val Met Ser Phe
1 5 10

<210> 21492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21492
Met Ser Phe Asp Leu Tyr Thr Ala Ile Cys
1 5 10

<210> 21493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21493
Ser Glu Met Phe Leu Leu Thr Val Met Ser
1 5 10

<210> 21494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21494
Ser Ile Ile Gln Val Ser Leu Ile Val
1 5

<210> 21495
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21495
Ile Gln Val Ser Leu Ile Val Arg Leu
1 5

<210> 21496
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21496
Ser Leu Ile Val Arg Leu Pro Phe Cys
1 5

<210> 21497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21497
Val Ser Leu Ile Val Arg Leu Pro Phe
1 5

<210> 21498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21498
His Ser Ile Ile Gln Val Ser Leu Ile
1 5

<210> 21499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21499
Ile His Ser Ile Ile Gln Val Ser Leu
1 5

<210> 21500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21500
Phe Ile His Ser Ile Ile Gln Val Ser Leu
1 5 10

<210> 21501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21501
Ser Ile Ile Gln Val Ser Leu Ile Val Arg
1 5 10

<210> 21502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21502
His Ser Ile Ile Gln Val Ser Leu Ile Val

1 5 10

<210> 21503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21503
Gln Val Ser Leu Ile Val Arg Leu Pro Phe
1 5 10

<210> 21504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21504
Phe Phe Leu Asp Lys Val Val Ser Val
1 5

<210> 21505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21505
Phe Leu Asp Lys Val Val Ser Val Phe
1 5

<210> 21506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21506
Tyr Ala Arg Pro Phe Asp Ser Phe Phe
1 5

<210> 21507

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21507
Ile Tyr Ala Arg Pro Phe Asp Ser Phe Phe
1 5 10

<210> 21508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21508
Phe Phe Leu Asp Lys Val Val Ser Val Phe
1 5 10

<210> 21509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21509
Tyr Ala Arg Pro Phe Asp Ser Phe Phe Leu
1 5 10

<210> 21510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21510
Arg Pro Phe Asp Ser Phe Phe Leu Asp Lys
1 5 10

<210> 21511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21511
Phe Ile Ile Leu Pro Glu Asn Phe Leu
1 5

<210> 21512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21512
Ile Ile Leu Pro Glu Asn Phe Leu Ile
1 5

<210> 21513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21513
Ile Leu Pro Glu Asn Phe Leu Ile Ile
1 5

<210> 21514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21514
Tyr Phe Ile Ile Leu Pro Glu Asn Phe
1 5

<210> 21515
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21515
Glu Asn Phe Leu Ile Ile Phe Thr Ile
1 5

<210> 21516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21516
Leu Pro Glu Asn Phe Leu Ile Ile Phe
1 5

<210> 21517
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21517
Phe Ile Ile Leu Pro Glu Asn Phe Leu Ile
1 5 10

<210> 21518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21518
Ile Ile Leu Pro Glu Asn Phe Leu Ile Ile
1 5 10

<210> 21519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21519
Phe Tyr Phe Ile Ile Leu Pro Glu Asn Phe
1 5 10

<210> 21520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21520
Tyr Phe Ile Ile Leu Pro Glu Asn Phe Leu
1 5 10

<210> 21521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21521
Ile Leu Pro Glu Asn Phe Leu Ile Ile Phe
1 5 10

<210> 21522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21522
Pro Glu Asn Phe Leu Ile Ile Phe Thr Ile
1 5 10

<210> 21523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21523
Met Leu Ala Leu Trp Leu Trp Gly Phe
1 5

<210> 21524
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21524
Ala Met Met Leu Ala Leu Trp Leu Trp
1 5

<210> 21525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21525
Leu Trp Leu Trp Gly Phe Cys Pro Leu
1 5

<210> 21526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21526
Leu Trp Gly Phe Cys Pro Leu His Tyr
1 5

<210> 21527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21527
Tyr Pro Gly Gly Pro His Pro Pro Leu
1 5

<210> 21528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21528
Gly Pro His Pro Pro Leu Ala Phe Leu
1 5

<210> 21529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21529
Trp Pro Lys Pro Ala Gly Gln Leu Leu
1 5

<210> 21530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21530
Leu His Tyr Pro Gly Gly Pro His Pro
1 5

<210> 21531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21531
Leu Ala Phe Leu Trp Pro Lys Pro Ala
1 5

<210> 21532
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21532
Met Met Leu Ala Leu Trp Leu Trp Gly Phe
1 5 10

<210> 21533
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21533
Met Leu Ala Leu Trp Leu Trp Gly Phe Cys
1 5 10

<210> 21534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21534
Ala Leu Trp Leu Trp Gly Phe Cys Pro Leu
1 5 10

<210> 21535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21535
Phe Leu Trp Pro Lys Pro Ala Gly Gln Leu
1 5 10

<210> 21536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21536
Tyr Ala Met Met Leu Ala Leu Trp Leu Trp
1 5 10

<210> 21537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21537
His Tyr Pro Gly Gly Pro His Pro Pro Leu
1 5 10

<210> 21538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21538
Leu Trp Pro Lys Pro Ala Gly Gln Leu Leu
1 5 10

<210> 21539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21539
Trp Leu Trp Gly Phe Cys Pro Leu His Tyr
1 5 10

<210> 21540
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21540
Trp Pro Lys Pro Ala Gly Gln Leu Leu Leu
1 5 10

<210> 21541
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21541
Leu His Tyr Pro Gly Gly Pro His Pro Pro
1 5 10

<210> 21542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21542
Gly Pro His Pro Pro Leu Ala Phe Leu Trp
1 5 10

<210> 21543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21543
Met Leu Ala Leu Trp Leu Trp Gly Phe
1 5

<210> 21544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21544
Ala Met Met Leu Ala Leu Trp Leu Trp
1 5

<210> 21545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21545
Leu Trp Leu Trp Gly Phe Cys Pro Leu
1 5

<210> 21546
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21546
Leu Trp Gly Phe Cys Pro Leu His Tyr
1 5

<210> 21547
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21547
Tyr Pro Gly Gly Pro His Pro Pro Leu
1 5

<210> 21548
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21548
Gly Pro His Pro Pro Leu Ala Phe Leu
1 5

<210> 21549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21549

Trp Pro Lys Pro Ala Gly Gln Leu Leu
1 5

<210> 21550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21550
Leu His Tyr Pro Gly Gly Pro His Pro
1 5

<210> 21551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21551
Leu Ala Phe Leu Trp Pro Lys Pro Ala
1 5

<210> 21552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21552
Met Met Leu Ala Leu Trp Leu Trp Gly Phe
1 5 10

<210> 21553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21553
Met Leu Ala Leu Trp Leu Trp Gly Phe Cys
1 5 10

<210> 21554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21554
Ala Leu Trp Leu Trp Gly Phe Cys Pro Leu
1 5 10

<210> 21555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21555
Phe Leu Trp Pro Lys Pro Ala Gly Gln Leu
1 5 10

<210> 21556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21556
Tyr Ala Met Met Leu Ala Leu Trp Leu Trp
1 5 10

<210> 21557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21557
His Tyr Pro Gly Gly Pro His Pro Pro Leu
1 5 10

<210> 21558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21558
Leu Trp Pro Lys Pro Ala Gly Gln Leu Leu
1 5 10

<210> 21559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21559
Trp Leu Trp Gly Phe Cys Pro Leu His Tyr
1 5 10

<210> 21560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21560
Trp Pro Lys Pro Ala Gly Gln Leu Leu Leu
1 5 10

<210> 21561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21561
Leu His Tyr Pro Gly Gly Pro His Pro Pro
1 5 10

<210> 21562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21562
Gly Pro His Pro Pro Leu Ala Phe Leu Trp
1 5 10

<210> 21563
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21563
Ile Met Ser Leu Asp Arg Phe Arg Ala
1 5

<210> 21564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21564
Leu Ile Met Ser Leu Asp Arg Phe Arg
1 5

<210> 21565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21565
Arg Phe Arg Ala Ile His Asn Pro Leu
1 5

<210> 21566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21566
Met Ser Leu Asp Arg Phe Arg Ala Ile

1 5

<210> 21567
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21567
Arg Ala Ile His Asn Pro Leu Arg Tyr
1 5

<210> 21568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21568
Ile Met Ser Leu Asp Arg Phe Arg Ala Ile
1 5 10

<210> 21569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21569
Leu Ile Met Ser Leu Asp Arg Phe Arg Ala
1 5 10

<210> 21570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21570
Met Ser Leu Asp Arg Phe Arg Ala Ile His
1 5 10

<210> 21571

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21571
Arg Phe Arg Ala Ile His Asn Pro Leu Arg
1 5 10

<210> 21572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21572
Phe Arg Ala Ile His Asn Pro Leu Arg Tyr
1 5 10

<210> 21573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21573
Leu Leu Ile Met Ser Leu Asp Arg Phe Arg
1 5 10

<210> 21574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21574
Arg Leu Phe Leu Phe Ser Tyr Cys Lys
1 5

<210> 21575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21575
Pro Val Ile Leu Arg Leu Phe Leu Phe
1 5

<210> 21576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21576
Ile Leu Arg Leu Phe Leu Phe Ser Tyr
1 5

<210> 21577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21577
Leu Pro Val Ile Leu Arg Leu Phe Leu
1 5

<210> 21578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21578
Phe Leu Phe Ser Tyr Cys Lys Ser His
1 5

<210> 21579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21579
Phe Leu Phe Ser Tyr Cys Lys Ser His Val
1 5 10

<210> 21580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21580
Ile Leu Pro Val Ile Leu Arg Leu Phe Leu
1 5 10

<210> 21581
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21581
Val Ile Leu Arg Leu Phe Leu Phe Ser Tyr
1 5 10

<210> 21582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21582
Leu Pro Val Ile Leu Arg Leu Phe Leu Phe
1 5 10

<210> 21583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21583
Met Leu Ala Gly Pro Asp His Asn Ala
1 5

<210> 21584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21584
Leu Leu Phe Pro Gly Leu Leu Tyr Thr
1 5

<210> 21585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21585
Gly Leu Leu Tyr Thr Leu Thr Phe Leu
1 5

<210> 21586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21586
Leu Leu Tyr Thr Leu Thr Phe Leu Ser
1 5

<210> 21587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21587
Tyr Thr Leu Thr Phe Leu Ser Arg Val
1 5

<210> 21588
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21588
Phe Leu Ser Arg Val Trp His Ser Ala
1 5

<210> 21589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21589
Gly Leu Leu Phe Pro Gly Leu Leu Tyr
1 5

<210> 21590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21590
Leu Phe Pro Gly Leu Leu Tyr Thr Leu
1 5

<210> 21591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21591
Val Trp His Ser Ala Cys His Gly Leu
1 5

<210> 21592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21592
Leu Tyr Thr Leu Thr Phe Leu Ser Arg
1 5

<210> 21593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21593
Asn Ala His Gly Ala Gly Ser Pro Leu
1 5

<210> 21594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21594
Ser Gln Gly Asp Trp Lys Cys Gly Leu
1 5

<210> 21595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21595
Gly Asp Trp Lys Cys Gly Leu Leu Phe
1 5

<210> 21596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21596
Phe Pro Gly Leu Leu Tyr Thr Leu Thr
1 5

<210> 21597
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21597
Ala Met Leu Ala Gly Pro Asp His Asn Ala
1 5 10

<210> 21598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21598
Gly Leu Leu Phe Pro Gly Leu Leu Tyr Thr
1 5 10

<210> 21599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21599
Leu Leu Phe Pro Gly Leu Leu Tyr Thr Leu
1 5 10

<210> 21600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21600
Phe Leu Ser Arg Val Trp His Ser Ala Cys
1 5 10

<210> 21601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21601
Arg Val Trp His Ser Ala Cys His Gly Leu
1 5 10

<210> 21602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21602
Leu Leu Tyr Thr Leu Thr Phe Leu Ser Arg
1 5 10

<210> 21603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21603
Leu Tyr Thr Leu Thr Phe Leu Ser Arg Val
1 5 10

<210> 21604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21604
Tyr Thr Leu Thr Phe Leu Ser Arg Val Trp
1 5 10

<210> 21605
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21605
Leu Ser Arg Val Trp His Ser Ala Cys His
1 5 10

<210> 21606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21606
Cys Gly Leu Leu Phe Pro Gly Leu Leu Tyr
1 5 10

<210> 21607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21607
His Asn Ala His Gly Ala Gly Ser Pro Leu
1 5 10

<210> 21608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21608
Phe Pro Gly Leu Leu Tyr Thr Leu Thr Phe
1 5 10

<210> 21609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21609
Met Leu Ala Gly Pro Asp His Asn Ala His
1 5 10

<210> 21610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21610
Ser Gln Gly Asp Trp Lys Cys Gly Leu Leu
1 5 10

<210> 21611
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21611
Trp Lys Cys Gly Leu Leu Phe Pro Gly Leu
1 5 10

<210> 21612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21612
Ser Pro Leu Ala Gly Ser Gln Gly Asp Trp
1 5 10

<210> 21613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21613

Val Leu Cys Glu Pro Ser Leu His Lys
1 5

<210> 21614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21614
Pro Ser Leu His Lys Pro Met Tyr Tyr
1 5

<210> 21615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21615
Cys Glu Pro Ser Leu His Lys Pro Met
1 5

<210> 21616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21616
Val Val Leu Cys Glu Pro Ser Leu His Lys
1 5 10

<210> 21617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21617
Leu Cys Glu Pro Ser Leu His Lys Pro Met
1 5 10

<210> 21618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21618
Glu Pro Ser Leu His Lys Pro Met Tyr Tyr
1 5 10

<210> 21619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21619
Ser Leu Ala Ile Ser Phe Gln Cys Leu
1 5

<210> 21620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21620
Ser Phe Gln Cys Leu Gly Leu His Leu
1 5

<210> 21621
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21621
Ile Ser Phe Gln Cys Leu Gly Leu His
1 5

<210> 21622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21622
Phe Gln Cys Leu Gly Leu His Leu Pro Leu
1 5 10

<210> 21623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21623
Ile Ser Leu Ala Ile Ser Phe Gln Cys Leu
1 5 10

<210> 21624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21624
Leu Ala Ile Ser Phe Gln Cys Leu Gly Leu
1 5 10

<210> 21625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21625
Ile Ser Phe Gln Cys Leu Gly Leu His Leu
1 5 10

<210> 21626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21626
Ile Leu Phe Pro Pro Leu Met Asn Thr
1 5

<210> 21627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21627
Leu Met Asn Thr Ile Ile Tyr Ser Val
1 5

<210> 21628
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21628
Leu Phe Pro Pro Leu Met Asn Thr Ile
1 5

<210> 21629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21629
Met Asn Thr Ile Ile Tyr Ser Val Lys
1 5

<210> 21630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21630
Asn Thr Ile Ile Tyr Ser Val Lys Thr

1 5

<210> 21631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21631
Pro Pro Leu Met Asn Thr Ile Ile Tyr
1 5

<210> 21632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21632
Phe Pro Pro Leu Met Asn Thr Ile Ile
1 5

<210> 21633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21633
Ile Leu Phe Pro Pro Leu Met Asn Thr Ile
1 5 10

<210> 21634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21634
Pro Leu Met Asn Thr Ile Ile Tyr Ser Val
1 5 10

<210> 21635

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21635
Leu Met Asn Thr Ile Ile Tyr Ser Val Lys
1 5 10

<210> 21636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21636
Leu Phe Pro Pro Leu Met Asn Thr Ile Ile
1 5 10

<210> 21637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21637
Phe Pro Pro Leu Met Asn Thr Ile Ile Tyr
1 5 10

<210> 21638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21638
Arg Ala Ala Ala Ile Gly Cys Pro Leu
1 5

<210> 21639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21639
Ala Ala Ile Gly Cys Pro Leu His Tyr
1 5

<210> 21640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21640
Cys Pro Leu His Tyr Pro Val Leu Val
1 5

<210> 21641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21641
Ala Ile Gly Cys Pro Leu His Tyr Pro Val
1 5 10

<210> 21642
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21642
Arg Ala Ala Ala Ile Gly Cys Pro Leu His
1 5 10

<210> 21643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21643
Ala Ala Ala Ile Gly Cys Pro Leu His Tyr
1 5 10

<210> 21644
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21644
Ile Gly Cys Pro Leu His Tyr Pro Val Leu
1 5 10

<210> 21645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21645
Phe Thr Glu Glu Asn Asn Leu Met Leu
1 5

<210> 21646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21646
Thr Glu Glu Asn Asn Leu Met Leu Phe
1 5

<210> 21647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21647
Phe Thr Glu Glu Asn Asn Leu Met Leu Phe
1 5 10

<210> 21648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21648
Leu Gln Ser Phe Thr Glu Glu Asn Asn Leu
1 5 10

<210> 21649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21649
Gln Ser Phe Thr Glu Glu Asn Asn Leu Met
1 5 10

<210> 21650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21650
Phe Leu Leu Val Tyr Thr Leu Thr Ile
1 5

<210> 21651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21651
Leu Leu Val Tyr Thr Leu Thr Ile Val
1 5

<210> 21652
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21652
Tyr Thr Leu Thr Ile Val Gly Asn Ile
1 5

<210> 21653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21653
Thr Ile Val Gly Asn Ile Leu Leu Ile
1 5

<210> 21654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21654
Leu Thr Ile Val Gly Asn Ile Leu Leu
1 5

<210> 21655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21655
Phe Leu Leu Val Tyr Thr Leu Thr Ile Val
1 5 10

<210> 21656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21656
Val Phe Leu Leu Val Tyr Thr Leu Thr Ile
1 5 10

<210> 21657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21657
Val Tyr Thr Leu Thr Ile Val Gly Asn Ile
1 5 10

<210> 21658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21658
Tyr Thr Leu Thr Ile Val Gly Asn Ile Leu
1 5 10

<210> 21659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21659
Leu Thr Ile Val Gly Asn Ile Leu Leu Ile
1 5 10

<210> 21660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21660
Phe Met Tyr Leu His Pro Arg Ser Ser
1 5

<210> 21661
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21661
Tyr Leu His Pro Arg Ser Ser Tyr Ser
1 5

<210> 21662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21662
Thr Leu Phe Met Tyr Leu His Pro Arg
1 5

<210> 21663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21663
Gly Thr Thr Leu Phe Met Tyr Leu His
1 5

<210> 21664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21664
Met Tyr Leu His Pro Arg Ser Ser Tyr
1 5

<210> 21665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21665
His Pro Arg Ser Ser Tyr Ser Leu Thr
1 5

<210> 21666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21666
Leu His Pro Arg Ser Ser Tyr Ser Leu
1 5

<210> 21667
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21667
Tyr Leu His Pro Arg Ser Ser Tyr Ser Leu
1 5 10

<210> 21668
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21668
Phe Met Tyr Leu His Pro Arg Ser Ser Tyr
1 5 10

<210> 21669
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21669
Thr Thr Leu Phe Met Tyr Leu His Pro Arg
1 5 10

<210> 21670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21670
Met Leu Asn Pro Leu Val Tyr Cys Leu
1 5

<210> 21671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21671
Leu Val Tyr Cys Leu Arg Asn Lys Glu Val
1 5 10

<210> 21672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21672
Met Leu Asn Pro Leu Val Tyr Cys Leu Arg
1 5 10

<210> 21673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21673
Cys Leu Arg Asn Lys Glu Val Lys Ser Ala
1 5 10

<210> 21674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21674
Ile Gln Ile Gly Asp Thr Phe His Leu
1 5

<210> 21675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21675
His Leu Ser Phe Cys Met Ser Asn Val
1 5

<210> 21676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21676
Asp Thr Phe His Leu Ser Phe Cys Met
1 5

<210> 21677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21677

Ile Gly Asp Thr Phe His Leu Ser Phe
1 5

<210> 21678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21678
His Leu Ser Phe Cys Met Ser Asn Val Ile
1 5 10

<210> 21679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21679
Asp Thr Phe His Leu Ser Phe Cys Met Ser
1 5 10

<210> 21680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21680
Gln Ile Gly Asp Thr Phe His Leu Ser Phe
1 5 10

<210> 21681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21681
Ser Ser His Ser Ile Asp Thr Asp Lys
1 5

<210> 21682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21682
Ser Ile Asp Thr Asp Lys Ile Ala Ser Val
1 5 10

<210> 21683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21683
Tyr Ile Arg Pro Ser Ser Ser His Ser Ile
1 5 10

<210> 21684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21684
Ser Ser Ser His Ser Ile Asp Thr Asp Lys
1 5 10

<210> 21685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21685
Arg Pro Ser Ser Ser His Ser Ile Asp Thr
1 5 10

<210> 21686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21686
Ile Asp Thr Asp Lys Ile Ala Ser Val Phe
1 5 10

<210> 21687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21687
Lys Met Arg Ser Ala Ser Gly Cys Gln
1 5

<210> 21688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21688
Ser Ala Ser Gly Cys Gln Lys Thr Phe
1 5

<210> 21689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21689
Cys Gln Lys Thr Phe Ser Thr Cys Ala
1 5

<210> 21690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21690
Lys Met Arg Ser Ala Ser Gly Cys Gln Lys
1 5 10

<210> 21691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21691
Arg Ser Ala Ser Gly Cys Gln Lys Thr Phe
1 5 10

<210> 21692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21692
Cys Gln Lys Thr Phe Ser Thr Cys Ala Ser
1 5 10

<210> 21693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21693
Thr Trp Ala Ser Asn Leu Thr Ser Ile
1 5

<210> 21694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21694
Lys Ala Phe Ser Thr Trp Ala Ser Asn

1 5

<210> 21695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21695
Ala Ser Asn Leu Thr Ser Ile Thr Ile
1 5

<210> 21696
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21696
Ser Asn Leu Thr Ser Ile Thr Ile Phe
1 5

<210> 21697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21697
Ser Thr Trp Ala Ser Asn Leu Thr Ser Ile
1 5 10

<210> 21698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21698
Lys Ala Phe Ser Thr Trp Ala Ser Asn Leu
1 5 10

<210> 21699

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21699
Trp Ala Ser Asn Leu Thr Ser Ile Thr Ile
1 5 10

<210> 21700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21700
Ala Ser Asn Leu Thr Ser Ile Thr Ile Phe
1 5 10

<210> 21701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21701
Phe Leu Tyr Cys Val Thr Asn Ser Lys
1 5

<210> 21702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21702
Cys Val Thr Asn Ser Lys Asn Ser Arg
1 5

<210> 21703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21703
Leu Phe Leu Tyr Cys Val Thr Asn Ser Lys
1 5 10

<210> 21704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21704
Lys Val Lys Val Ala Ser Val Phe Tyr
1 5

<210> 21705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21705
Arg His Lys Val Lys Val Ala Ser Val
1 5

<210> 21706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21706
His Lys Val Lys Val Ala Ser Val Phe
1 5

<210> 21707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21707
Asn Ser Lys Asn Ser Arg His Lys Val Lys
1   5   10

<210> 21708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 21708
Lys Val Lys Val Ala Ser Val Phe Tyr Thr
1   5   10

<210> 21709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 21709
Arg His Lys Val Lys Val Ala Ser Val Phe
1   5   10

<210> 21710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 21710
His Lys Val Lys Val Ala Ser Val Phe Tyr
1   5   10

<210> 21711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 21711
Val Leu Gly Asn Leu Val Met Ile Leu
1   5

<210> 21712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21712
Thr Leu Thr Val Leu Gly Asn Leu Val
1 5

<210> 21713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21713
Thr Val Leu Gly Asn Leu Val Met Ile
1 5

<210> 21714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21714
Leu Thr Val Leu Gly Asn Leu Val Met
1 5

<210> 21715
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21715
Tyr Thr Leu Thr Val Leu Gly Asn Leu Val
1 5 10

<210> 21716
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21716
Val Leu Gly Asn Leu Val Met Ile Leu Leu
1 5 10

<210> 21717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21717
Asn Leu Val Met Ile Leu Leu Ile Arg Ile
1 5 10

<210> 21718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21718
Thr Leu Thr Val Leu Gly Asn Leu Val Met
1 5 10

<210> 21719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21719
Val Val Phe Leu Val Ile Tyr Ser Ile
1 5

<210> 21720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21720
Phe Leu Val Ile Tyr Ser Ile Thr Leu
1 5

<210> 21721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21721
Leu Val Ile Tyr Ser Ile Thr Leu Leu
1 5

<210> 21722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21722
Val Ile Tyr Ser Ile Thr Leu Leu Arg
1 5

<210> 21723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21723
Tyr Ser Ile Thr Leu Leu Arg Asn Leu
1 5

<210> 21724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21724
Phe Val Val Phe Leu Val Ile Tyr Ser Ile
1 5 10

<210> 21725
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21725
Phe Leu Val Ile Tyr Ser Ile Thr Leu Leu
1 5 10

<210> 21726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21726
Leu Val Ile Tyr Ser Ile Thr Leu Leu Arg
1 5 10

<210> 21727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21727
Val Phe Leu Val Ile Tyr Ser Ile Thr Leu
1 5 10

<210> 21728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21728
Ile Tyr Ser Ile Thr Leu Leu Arg Asn Leu
1 5 10

<210> 21729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21729
Lys Val Ala Asn Val Phe Tyr Thr Val
1 5

<210> 21730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21730
Ala Asn Val Phe Tyr Thr Val Val Ile
1 5

<210> 21731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21731
Asp Ala Asp Lys Val Ala Asn Val Phe
1 5

<210> 21732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21732
Asp Ala Asp Lys Val Ala Asn Val Phe Tyr
1 5 10

<210> 21733
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21733
Lys Val Ala Asn Val Phe Tyr Thr Val Val
1 5 10

<210> 21734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21734
Asn Val Phe Tyr Thr Val Val Ile Pro Met
1 5 10

<210> 21735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21735
Gly Asp Ala Asp Lys Val Ala Asn Val Phe
1 5 10

<210> 21736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21736
Val Ala Asn Val Phe Tyr Thr Val Val Ile
1 5 10

<210> 21737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21737
Leu Ser Asp Lys Lys Gln Leu Leu Met
1 5

<210> 21738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21738
Leu Leu Ser Asp Lys Lys Gln Leu Leu
1 5

<210> 21739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21739
Lys Lys Gln Leu Leu Met Leu Val Val
1 5

<210> 21740
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21740
Leu Ser Asp Lys Lys Gln Leu Leu Met Leu
1 5 10

<210> 21741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21741

Leu Leu Ser Asp Lys Lys Gln Leu Leu Met
1 5 10

<210> 21742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21742
Gln Leu Gly Ser Val Ala Phe Phe Ala
1 5

<210> 21743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21743
Gly Ser Val Ala Phe Phe Ala Thr Val
1 5

<210> 21744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21744
Ile Gln Leu Gly Ser Val Ala Phe Phe
1 5

<210> 21745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21745
Ala Ile Gln Leu Gly Ser Val Ala Phe
1 5

<210> 21746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21746
Cys Ala Ile Gln Leu Gly Ser Val Ala
1 5

<210> 21747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21747
Ile Gln Leu Gly Ser Val Ala Phe Phe Ala
1 5 10

<210> 21748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21748
Val Ala Phe Phe Ala Thr Val Glu Cys Val
1 5 10

<210> 21749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21749
Cys Ala Ile Gln Leu Gly Ser Val Ala Phe
1 5 10

<210> 21750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21750
Ala Ile Gln Leu Gly Ser Val Ala Phe Phe
1 5 10

<210> 21751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21751
Asp Tyr Gly Pro Pro Thr Gly Phe Leu
1 5

<210> 21752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21752
Gly Phe Leu Ile Ile Phe Ser Pro Arg
1 5

<210> 21753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21753
Leu Ile Ile Phe Ser Pro Arg Asp Tyr
1 5

<210> 21754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21754
Ser Pro Arg Asp Tyr Gly Pro Pro Thr
1 5

<210> 21755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21755
Arg Asp Tyr Gly Pro Pro Thr Gly Phe
1 5

<210> 21756
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21756
Trp Leu Ala Gly Phe Leu Ile Ile Phe Ser
1 5 10

<210> 21757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21757
Ala Gly Phe Leu Ile Ile Phe Ser Pro Arg
1 5 10

<210> 21758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21758
Phe Leu Ile Ile Phe Ser Pro Arg Asp Tyr

1 5 10

<210> 21759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21759
Arg Asp Tyr Gly Pro Pro Thr Gly Phe Leu
1 5 10

<210> 21760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21760
Arg Thr Ile Ser Tyr Asn Trp Cys Val
1 5

<210> 21761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21761
Ser Tyr Asn Trp Cys Val Ala Gln Leu
1 5

<210> 21762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21762
Tyr Asn Trp Cys Val Ala Gln Leu Phe
1 5

<210> 21763

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21763
Asn Trp Cys Val Ala Gln Leu Phe Phe
1 5

<210> 21764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21764
Ser Tyr Asn Trp Cys Val Ala Gln Leu Phe
1 5 10

<210> 21765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21765
Tyr Asn Trp Cys Val Ala Gln Leu Phe Phe
1 5 10

<210> 21766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21766
Asn Trp Cys Val Ala Gln Leu Phe Phe Phe
1 5 10

<210> 21767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21767
Arg Thr Ile Ser Tyr Asn Trp Cys Val Ala
1 5 10

<210> 21768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21768
Ile Ser Tyr Asn Trp Cys Val Ala Gln Leu
1 5 10

<210> 21769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21769
Thr Ile Gln Lys Met Leu Ser Ser Leu
1 5

<210> 21770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21770
Ile Gln Lys Met Leu Ser Ser Leu Leu
1 5

<210> 21771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21771
Tyr Thr Thr Ala Thr Ile Gln Lys Met
1 5

<210> 21772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21772
Thr Thr Ala Thr Ile Gln Lys Met Leu
1 5

<210> 21773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21773
Ala Thr Ile Gln Lys Met Leu Ser Ser Leu
1 5 10

<210> 21774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21774
Thr Ile Gln Lys Met Leu Ser Ser Leu Leu
1 5 10

<210> 21775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21775
Ile Trp Tyr Thr Thr Ala Thr Ile Gln Lys
1 5 10

<210> 21776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21776
Trp Tyr Thr Thr Ala Thr Ile Gln Lys Met
1 5 10

<210> 21777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21777
Tyr Thr Thr Ala Thr Ile Gln Lys Met Leu
1 5 10

<210> 21778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21778
Ile Gln Lys Met Leu Ser Ser Leu Leu Ser
1 5 10

<210> 21779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21779
Val Thr Phe Val Ile Leu Ala Pro Leu
1 5

<210> 21780
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21780
Ile Leu Ala Pro Leu Phe Asn Pro Ile
1 5

<210> 21781
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21781
Thr Phe Val Ile Leu Ala Pro Leu Phe
1 5

<210> 21782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21782
Ala Pro Leu Phe Asn Pro Ile Ile Tyr
1 5

<210> 21783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21783
Val Ile Leu Ala Pro Leu Phe Asn Pro Ile
1 5 10

<210> 21784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21784
Ile Leu Ala Pro Leu Phe Asn Pro Ile Ile
1 5 10

<210> 21785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21785
Ala Val Thr Phe Val Ile Leu Ala Pro Leu
1 5 10

<210> 21786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21786
Leu Phe Asn Pro Ile Ile Tyr Ser Leu Lys
1 5 10

<210> 21787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21787
Val Thr Phe Val Ile Leu Ala Pro Leu Phe
1 5 10

<210> 21788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21788
Leu Ala Pro Leu Phe Asn Pro Ile Ile Tyr
1 5 10

<210> 21789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21789
Ser Leu Cys Asn Lys Glu Ile Ile Lys
1 5

<210> 21790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21790
Pro Ile Ile Tyr Ser Leu Cys Asn Lys
1 5

<210> 21791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21791
Ile Tyr Ser Leu Cys Asn Lys Glu Ile
1 5

<210> 21792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21792
Tyr Ser Leu Cys Asn Lys Glu Ile Ile
1 5

<210> 21793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21793
Ile Ile Tyr Ser Leu Cys Asn Lys Glu Ile
1 5 10

<210> 21794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21794
Tyr Ser Leu Cys Asn Lys Glu Ile Ile Lys
1 5 10

<210> 21795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21795
Ile Tyr Ser Leu Cys Asn Lys Glu Ile Ile
1 5 10

<210> 21796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21796
Cys Asn Lys Glu Ile Ile Lys Ala Ile Lys
1 5 10

<210> 21797
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21797
Met Val Asn Pro Ile Ile Tyr Ser Leu Cys
1 5 10

<210> 21798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21798
Leu Thr Leu Val Phe Met Ala Thr Val
1 5

<210> 21799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21799
Thr Leu Val Phe Met Ala Thr Val Val
1 5

<210> 21800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21800
Phe Met Ala Thr Val Val Pro Ser Phe
1 5

<210> 21801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21801
Phe Cys Met Ser Gly Leu Ala Lys Leu
1 5

<210> 21802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21802
Gly Leu Ala Lys Leu Thr Leu Cys Lys
1 5

<210> 21803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21803
Ser Phe Cys Met Ser Gly Leu Ala Lys
1 5

<210> 21804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21804
Gly Ser His Leu Thr Leu Val Phe Met
1 5

<210> 21805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21805

Val Pro Ser Phe Cys Met Ser Gly Leu
1 5

<210> 21806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21806
Met Ser Gly Leu Ala Lys Leu Thr Leu
1 5

<210> 21807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21807
Thr Leu Cys Lys Ser Gly Arg Ser Trp
1 5

<210> 21808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21808
Cys Lys Ser Gly Arg Ser Trp Pro Trp
1 5

<210> 21809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21809
His Leu Thr Leu Val Phe Met Ala Thr Val
1 5 10

<210> 21810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21810
Leu Thr Leu Val Phe Met Ala Thr Val Val
1 5 10

<210> 21811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21811
Phe Met Ala Thr Val Val Pro Ser Phe Cys
1 5 10

<210> 21812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21812
Val Val Pro Ser Phe Cys Met Ser Gly Leu
1 5 10

<210> 21813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21813
Cys Met Ser Gly Leu Ala Lys Leu Thr Leu
1 5 10

<210> 21814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21814
Pro Ser Phe Cys Met Ser Gly Leu Ala Lys
1 5 10

<210> 21815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21815
Ser Gly Leu Ala Lys Leu Thr Leu Cys Lys
1 5 10

<210> 21816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21816
Val Phe Met Ala Thr Val Val Pro Ser Phe
1 5 10

<210> 21817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21817
Met Ala Thr Val Val Pro Ser Phe Cys Met
1 5 10

<210> 21818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21818
Leu Thr Leu Cys Lys Ser Gly Arg Ser Trp
1 5 10

<210> 21819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21819
Cys Leu Ser Gln Ile Phe Phe Ser Leu
1 5

<210> 21820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21820
Ser Gln Ile Phe Phe Ser Leu His Leu
1 5

<210> 21821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21821
Ser Leu His Leu Asp Ala Trp Thr Ile
1 5

<210> 21822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21822
Phe Phe Ser Leu His Leu Asp Ala Trp

1 5

<210> 21823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21823
Leu His Leu Asp Ala Trp Thr Ile Tyr
1 5

<210> 21824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21824
Phe Ser Leu His Leu Asp Ala Trp Thr Ile
1 5 10

<210> 21825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21825
Ile Phe Phe Ser Leu His Leu Asp Ala Trp
1 5 10

<210> 21826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21826
Ser Leu His Leu Asp Ala Trp Thr Ile Tyr
1 5 10

<210> 21827

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21827
Leu Ser Gln Ile Phe Phe Ser Leu His Leu
1 5 10

<210> 21828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21828
Met Glu Ile Pro His Phe Phe Val Ile
1 5

<210> 21829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21829
Glu Met Glu Ile Pro His Phe Phe Val
1 5

<210> 21830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21830
Ile Pro His Phe Phe Val Ile Tyr Leu
1 5

<210> 21831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21831
Met Glu Ile Pro His Phe Phe Val Ile Tyr
1 5 10

<210> 21832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21832
Ile Pro His Phe Phe Val Ile Tyr Leu Lys
1 5 10

<210> 21833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21833
Thr Glu Met Glu Ile Pro His Phe Phe Val
1 5 10

<210> 21834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21834
Glu Met Glu Ile Pro His Phe Phe Val Ile
1 5 10

<210> 21835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21835
Glu Ile Pro His Phe Phe Val Ile Tyr Leu
1 5 10

<210> 21836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21836
Ile Leu Phe Phe Phe Phe Pro Gln Lys
1 5

<210> 21837
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21837
Leu Phe Phe Phe Phe Pro Gln Lys Val
1 5

<210> 21838
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21838
Ala Thr Glu Ser His Arg Cys Leu Arg
1 5

<210> 21839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21839
Gly Ser Arg Thr Ala Ala Gly Pro Arg
1 5

<210> 21840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21840
Arg Thr Ala Ala Gly Pro Arg Trp Ala
1 5

<210> 21841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21841
Thr Ala Ala Gly Pro Arg Trp Ala Val
1 5

<210> 21842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21842
Thr Leu Arg Gly Ser Arg Thr Ala Ala
1 5

<210> 21843
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21843
Arg Ala Thr Glu Ser His Arg Cys Leu
1 5

<210> 21844
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21844
Leu Arg Ile Pro Pro Pro Gly Thr Leu
1 5

<210> 21845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21845
Phe Pro Gln Lys Val Ser Glu Leu His
1 5

<210> 21846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21846
Ile Leu Phe Phe Phe Phe Pro Gln Lys Val
1 5 10

<210> 21847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21847
Arg Thr Ala Ala Gly Pro Arg Trp Ala Val
1 5 10

<210> 21848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21848
Pro Ile Leu Phe Phe Phe Phe Pro Gln Lys
1 5 10

<210> 21849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21849
Phe Phe Phe Pro Gln Lys Val Ser Glu Leu
1 5 10

<210> 21850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21850
Arg Ala Thr Glu Ser His Arg Cys Leu Arg
1 5 10

<210> 21851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21851
Cys Leu Arg Ile Pro Pro Pro Gly Thr Leu
1 5 10

<210> 21852
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21852
Gly Thr Leu Arg Gly Ser Arg Thr Ala Ala
1 5 10

<210> 21853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21853
Arg Gly Ser Arg Thr Ala Ala Gly Pro Arg
1 5 10

<210> 21854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21854
Glu Leu His Arg Ala Thr Glu Ser His Arg
1 5 10

<210> 21855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21855
Gly Pro Arg Trp Ala Val Pro Val His Val
1 5 10

<210> 21856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21856
Glu Pro Ala His His Pro Gly Cys Gln Leu
1 5 10

<210> 21857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21857
Ser Glu Leu His Arg Ala Thr Glu Ser His
1 5 10

<210> 21858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21858
His Arg Ala Thr Glu Ser His Arg Cys Leu
1 5 10

<210> 21859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21859
Gly Ser Arg Thr Ala Ala Gly Pro Arg Trp
1 5 10

<210> 21860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21860
Phe Pro Ile Leu Phe Phe Phe Phe Pro Gln
1 5 10

<210> 21861
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21861
Ala Leu Lys Lys Met Thr Met Gly Arg
1 5

<210> 21862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21862
Lys Asn Ala Leu Lys Lys Met Thr Met
1 5

<210> 21863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21863
Lys Lys Met Thr Met Gly Arg Gln Ser
1 5

<210> 21864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21864
Lys Met Thr Met Gly Arg Gln Ser Ser
1 5

<210> 21865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21865
Asn Ala Leu Lys Lys Met Thr Met Gly Arg
1 5 10

<210> 21866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21866
Val Lys Asn Ala Leu Lys Lys Met Thr Met
1 5 10

<210> 21867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21867
Lys Lys Met Thr Met Gly Arg Gln Ser Ser
1 5 10

<210> 21868
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21868
Val Ser Met Ser Arg Phe His Phe Tyr
1 5

<210> 21869
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21869

Val Val Ser Met Ser Arg Phe His Phe
1 5

<210> 21870
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21870
Met Ser Arg Phe His Phe Tyr Asp Ser
1 5

<210> 21871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21871
Arg Phe His Phe Tyr Asp Ser Asn Val
1 5

<210> 21872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21872
Val Asn Val Val Ser Met Ser Arg Phe
1 5

<210> 21873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21873
Phe His Phe Tyr Asp Ser Asn Val Ile
1 5

<210> 21874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21874
Val Val Ser Met Ser Arg Phe His Phe Tyr
1 5 10

<210> 21875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21875
Arg Phe His Phe Tyr Asp Ser Asn Val Ile
1 5 10

<210> 21876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21876
Met Ser Arg Phe His Phe Tyr Asp Ser Asn
1 5 10

<210> 21877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21877
Phe Val Asn Val Val Ser Met Ser Arg Phe
1 5 10

<210> 21878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21878
Asn Val Val Ser Met Ser Arg Phe His Phe
1 5 10

<210> 21879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21879
Ser Arg Phe His Phe Tyr Asp Ser Asn Val
1 5 10

<210> 21880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21880
Phe His Phe Tyr Asp Ser Asn Val Ile His
1 5 10

<210> 21881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21881
Val Val Leu Pro Cys Ile Phe Ser Val
1 5

<210> 21882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21882
Thr Ala Ile Val Val Leu Pro Cys Ile
1 5

<210> 21883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21883
Leu Pro Cys Ile Phe Ser Val Ser Tyr
1 5

<210> 21884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21884
Ala Ile Val Val Leu Pro Cys Ile Phe
1 5

<210> 21885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21885
Ile Val Val Leu Pro Cys Ile Phe Ser Val
1 5 10

<210> 21886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21886
Val Leu Pro Cys Ile Phe Ser Val Ser Tyr

1 5 10

<210> 21887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21887
Ser Thr Ala Ile Val Val Leu Pro Cys Ile
1 5 10

<210> 21888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21888
Tyr Gly Phe Ser Thr Ala Ile Val Val Leu
1 5 10

<210> 21889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21889
Thr Ala Ile Val Val Leu Pro Cys Ile Phe
1 5 10

<210> 21890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21890
Asn Ser Ala Gly Arg Gln Asn Ala Phe
1 5

<210> 21891

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21891
Asn Ala Phe Ser Thr Cys Gly Ala His
1 5

<210> 21892
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21892
Arg Gln Asn Ala Phe Ser Thr Cys Gly
1 5

<210> 21893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21893
Arg Met Asn Ser Ala Gly Arg Gln Asn Ala
1 5 10

<210> 21894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21894
Arg Gln Asn Ala Phe Ser Thr Cys Gly Ala
1 5 10

<210> 21895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21895
Met Asn Ser Ala Gly Arg Gln Asn Ala Phe
1 5 10

<210> 21896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21896
Asn Ala Phe Ser Thr Cys Gly Ala His Leu
1 5 10

<210> 21897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21897
Leu Val Gln Val Phe Phe Val Phe Val
1 5

<210> 21898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21898
Thr Ile Ser Val Glu Gly Cys Leu Val
1 5

<210> 21899
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21899
Cys Leu Val Gln Val Phe Phe Val Phe
1   5

<210> 21900
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 21900
Val Glu Gly Cys Leu Val Gln Val Phe
1   5

<210> 21901
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 21901
Val Gln Val Phe Phe Val Phe Val Thr
1   5

<210> 21902
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 21902
Cys Leu Val Gln Val Phe Phe Val Phe Val
1   5   10

<210> 21903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 21903
Val Gln Val Phe Phe Val Phe Val Thr Ala
1   5   10

<210> 21904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21904
Lys Thr Ile Ser Val Glu Gly Cys Leu Val
1 5 10

<210> 21905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21905
Gly Cys Leu Val Gln Val Phe Phe Val Phe
1 5 10

<210> 21906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21906
Glu Gly Cys Leu Val Gln Val Phe Phe Val
1 5 10

<210> 21907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21907
Ser Val Glu Gly Cys Leu Val Gln Val Phe
1 5 10

<210> 21908
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21908
Val Glu Gly Cys Leu Val Gln Val Phe Phe
1 5 10

<210> 21909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21909
Phe Ile Phe Thr Leu Trp Asn Asp Lys
1 5

<210> 21910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21910
Phe Thr Leu Trp Asn Asp Lys Val Lys
1 5

<210> 21911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21911
Leu Asn Pro Phe Ile Phe Thr Leu Trp
1 5

<210> 21912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21912
Phe Ile Phe Thr Leu Trp Asn Asp Lys Val
1 5 10

<210> 21913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21913
Thr Leu Trp Asn Asp Lys Val Lys Glu Ala
1 5 10

<210> 21914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21914
Phe Leu Asn Pro Phe Ile Phe Thr Leu Trp
1 5 10

<210> 21915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21915
Lys Thr Phe Ser Phe Asn Phe Cys Leu
1 5

<210> 21916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21916
Ser Phe Asn Phe Cys Leu Glu Asn Ile
1 5

<210> 21917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21917
Phe Asn Phe Cys Leu Glu Asn Ile Ile
1 5

<210> 21918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21918
Leu Glu Asn Ile Ile Asp Asp Phe Phe
1 5

<210> 21919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21919
Phe Ser Phe Asn Phe Cys Leu Glu Asn Ile
1 5 10

<210> 21920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21920
Ser Phe Asn Phe Cys Leu Glu Asn Ile Ile
1 5 10

<210> 21921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21921
Lys Thr Phe Ser Phe Asn Phe Cys Leu Glu
1 5 10

<210> 21922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21922
Lys Lys Thr Phe Ser Phe Asn Phe Cys Leu
1 5 10

<210> 21923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21923
Arg Leu Arg Pro Asp His Arg Leu Met
1 5

<210> 21924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21924
Asp Ser Arg Leu Arg Pro Asp His Arg
1 5

<210> 21925
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21925
Arg Leu Arg Pro Asp His Arg Leu Met Glu
1 5 10

<210> 21926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21926
Ser Arg Leu Arg Pro Asp His Arg Leu Met
1 5 10

<210> 21927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21927
Val Leu Gln Ala Trp Leu Glu Pro Leu
1 5

<210> 21928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21928
Ala Leu Arg Val Leu Gln Ala Trp Leu
1 5

<210> 21929
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21929
Lys Ile His Leu His His Ala Ala Arg
1 5

<210> 21930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21930
His Ala Ala Arg Cys His Pro Leu Arg
1 5

<210> 21931
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21931
Ala Ala Arg Cys His Pro Leu Arg Ile
1 5

<210> 21932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21932
His Leu Asn Cys Ser Gln His His Arg
1 5

<210> 21933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21933

Ser Gln His His Arg Gly Gln Ala Leu
1 5

<210> 21934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21934
His His Ala Ala Arg Cys His Pro Leu
1 5

<210> 21935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21935
Glu Gln Val Ser His His Pro Pro Leu
1 5

<210> 21936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21936
Cys Ala Leu Arg Val Leu Gln Ala Trp
1 5

<210> 21937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21937
Leu Gln Ala Trp Leu Glu Pro Leu Ala
1 5

<210> 21938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21938
Leu Gln Gln Val Pro Gly Lys Ile His
1 5

<210> 21939
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21939
Gln Gln Val Pro Gly Lys Ile His Leu
1 5

<210> 21940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21940
Gly Lys Ile His Leu His His Ala Ala
1 5

<210> 21941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21941
Gly Gln Trp Glu Ser Leu Arg Val Glu
1 5

<210> 21942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21942
Glu Pro Leu Ala Gly Asp His His Leu
1 5

<210> 21943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21943
His Pro Leu Arg Ile Pro Gly Gln Trp
1 5

<210> 21944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21944
Arg Val Leu Gln Ala Trp Leu Glu Pro Leu
1 5 10

<210> 21945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21945
Val Leu Gln Ala Trp Leu Glu Pro Leu Ala
1 5 10

<210> 21946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 21946
Lys Ile His Leu His His Ala Ala Arg Cys
1 5 10

<210> 21947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21947
His His Ala Ala Arg Cys His Pro Leu Arg
1 5 10

<210> 21948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21948
Cys Glu Gln Val Ser His His Pro Pro Leu
1 5 10

<210> 21949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21949
Ser His His Pro Pro Leu Ser Cys Ala Leu
1 5 10

<210> 21950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21950
Leu Gln Ala Trp Leu Glu Pro Leu Ala Gly

1 5 10

<210> 21951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21951
Leu Gln Gln Val Pro Gly Lys Ile His Leu
1 5 10

<210> 21952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21952
Gln Gln Val Pro Gly Lys Ile His Leu His
1 5 10

<210> 21953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21953
Leu His His Ala Ala Arg Cys His Pro Leu
1 5 10

<210> 21954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21954
Leu Arg Ile Pro Gly Gln Trp Glu Ser Leu
1 5 10

<210> 21955

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21955
Trp Glu Ser Leu Arg Val Glu Glu Glu His
1 5 10

<210> 21956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21956
Leu Glu Pro Leu Ala Gly Asp His His Leu
1 5 10

<210> 21957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21957
His Pro Pro Leu Ser Cys Ala Leu Arg Val
1 5 10

<210> 21958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21958
Ile Pro Gly Gln Trp Glu Ser Leu Arg Val
1 5 10

<210> 21959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21959
Phe Gln Asn Gly Arg Arg Ala Cys Leu
1 5

<210> 21960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21960
Leu Thr Gly Gly Ala Phe Gln Asn Gly Arg
1 5 10

<210> 21961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21961
Arg Gln Phe Gly Ile Pro Met Asp Arg
1 5

<210> 21962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21962
Pro Lys Arg Gln Phe Gly Ile Pro Met
1 5

<210> 21963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21963
Arg Gln Phe Gly Ile Pro Met Asp Arg Ile
1 5 10

<210> 21964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21964
His Pro Lys Arg Gln Phe Gly Ile Pro Met
1 5 10

<210> 21965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21965
Lys Val Val Asp His Pro Lys Arg Gln Phe
1 5 10

<210> 21966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21966
Lys Gly Asp Asn Ile Lys Met Pro His Lys
1 5 10

<210> 21967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21967
Lys Val Asp Val Ala Glu Glu Glu Lys Lys
1 5 10

<210> 21968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21968
Gln Ala Ser Leu Leu Ile Ile Leu Lys
1 5

<210> 21969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21969
Ile Asp Gln Ala Ser Leu Leu Ile Ile
1 5

<210> 21970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21970
Asp Gln Ala Ser Leu Leu Ile Ile Leu
1 5

<210> 21971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21971
Gln Glu Ile Asp Gln Ala Ser Leu Leu Ile
1 5 10

<210> 21972
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21972
Ile Asp Gln Ala Ser Leu Leu Ile Ile Leu
1 5 10

<210> 21973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21973
Met Leu Leu Gln Met Leu Trp Tyr Val
1 5

<210> 21974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21974
Leu Gln Met Leu Trp Tyr Val Gly Arg
1 5

<210> 21975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21975
Leu Met Leu Leu Gln Met Leu Trp Tyr
1 5

<210> 21976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21976
Leu Thr Ala Leu Met Leu Leu Gln Met
1 5

<210> 21977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21977
Ala Leu Met Leu Leu Gln Met Leu Trp
1 5

<210> 21978
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21978
Phe Leu Thr Ala Leu Met Leu Leu Gln Met
1 5 10

<210> 21979
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21979
Leu Met Leu Leu Gln Met Leu Trp Tyr Val
1 5 10

<210> 21980
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21980
Ala Leu Met Leu Leu Gln Met Leu Trp Tyr
1 5 10

<210> 21981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21981
Leu Leu Gln Met Leu Trp Tyr Val Gly Arg
1 5 10

<210> 21982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21982
Thr Ala Leu Met Leu Leu Gln Met Leu Trp
1 5 10

<210> 21983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21983
Arg Met Asn Gln Gly Lys Ile Asn Asn Ala
1 5 10

<210> 21984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21984
Gly Lys Ile Asn Asn Ala Glu Glu Asn Leu
1 5 10

<210> 21985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21985
Ile Leu Asn Arg Glu Arg Glu Ile Val
1 5

<210> 21986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21986
Arg Glu Arg Glu Ile Val Pro Val Glu
1 5

<210> 21987
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21987
Leu Asn Arg Glu Arg Glu Ile Val Pro Val
1 5 10

<210> 21988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21988
Thr Gln Ile Leu Asn Arg Glu Arg Glu Ile
1 5 10

<210> 21989
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21989
Arg Glu Arg Glu Ile Val Pro Val Glu Leu
1 5 10

<210> 21990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21990
Arg Glu Ile Val Pro Val Glu Leu Glu Pro
1 5 10

<210> 21991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21991
Lys Ser Lys Thr Ala Ala Ala Ala Asp
1 5

<210> 21992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 21992
Lys Ser Lys Thr Ala Ala Ala Ala Asp Val
1 5 10

<210> 21993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21993
Thr Ala Ala Ala Ala Asp Val Asn Gly Phe
1 5 10

<210> 21994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21994
Arg Gly Arg Arg Ser Leu Gly Arg Ser
1 5

<210> 21995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21995
Ser Ala Gly Arg Gly Arg Arg Ser Leu
1 5

<210> 21996
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21996
Ala Gly Arg Gly Arg Arg Ser Leu Gly Arg
1 5 10

<210> 21997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21997

Cys Pro Ala Ala Thr Pro Gly Asn Ser Ala
1 5 10

<210> 21998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21998
Asn Ser Ala Gly Arg Gly Arg Arg Ser Leu
1 5 10

<210> 21999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 21999
Lys Leu Val Gln Leu Asn Lys Leu Phe
1 5

<210> 22000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22000
Ala Leu Lys Phe Asp Thr Thr Pro Asn Lys
1 5 10

<210> 22001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22001
Asp Thr Thr Pro Asn Lys Leu Val Gln Leu
1 5 10

<210> 22002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22002
Leu Lys Phe Asp Thr Thr Pro Asn Lys Leu
1 5 10

<210> 22003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22003
Asn Lys Leu Val Gln Leu Asn Lys Leu Phe
1 5 10

<210> 22004
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22004
Phe Leu Phe Glu Tyr Asp Thr Pro Ala
1 5

<210> 22005
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22005
Asp Thr Pro Ala Trp Cys Trp Cys Val
1 5

<210> 22006
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22006
Thr Pro Ala Trp Cys Trp Cys Val Ile
1 5

<210> 22007
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22007
Trp Cys Val Ile Arg Arg Trp Ala Leu
1 5

<210> 22008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22008
Phe Leu Phe Glu Tyr Asp Thr Pro Ala Trp
1 5 10

<210> 22009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22009
Ala Trp Cys Trp Cys Val Ile Arg Arg Trp
1 5 10

<210> 22010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22010
Cys Trp Cys Val Ile Arg Arg Trp Ala Leu
1 5 10

<210> 22011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22011
Thr Pro Ala Trp Cys Trp Cys Val Ile Arg
1 5 10

<210> 22012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22012
Asp Thr Pro Ala Trp Cys Trp Cys Val Ile
1 5 10

<210> 22013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22013
Phe Glu Tyr Asp Thr Pro Ala Trp Cys Trp
1 5 10

<210> 22014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22014
Trp Met Asp Gln Gln Ser Lys Gly Ile

1 5

<210> 22015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22015
Lys Gly Trp Met Asp Gln Gln Ser Lys
1 5

<210> 22016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22016
Tyr Gln Pro Ala Pro Pro Ser Gly Phe
1 5

<210> 22017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22017
Gln Pro Ala Pro Pro Ser Gly Phe Phe
1 5

<210> 22018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22018
Pro Tyr Gln Pro Ala Pro Pro Ser Gly Phe
1 5 10

<210> 22019

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22019
Tyr Gln Pro Ala Pro Pro Ser Gly Phe Phe
1 5 10

<210> 22020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22020
Gln Pro Ala Pro Pro Ser Gly Phe Phe Met
1 5 10

<210> 22021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22021
Ala Pro Pro Ser Gly Phe Phe Met Ala Ala
1 5 10

<210> 22022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22022
Pro Pro Ser Gly Phe Phe Met Ala Ala Ile
1 5 10

<210> 22023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22023
Ser Gln Arg Asp Pro Ser Leu Cys Lys
1 5

<210> 22024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22024
Cys Lys Ser Gly Val Gly Asn Ile Phe
1 5

<210> 22025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22025
Ser Leu Cys Lys Ser Gly Val Gly Asn Ile
1 5 10

<210> 22026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22026
Trp Ser Gln Arg Asp Pro Ser Leu Cys Lys
1 5 10

<210> 22027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22027
Leu Cys Lys Ser Gly Val Gly Asn Ile Phe
1 5 10

<210> 22028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22028
Ala Glu Arg Ala Ile Glu Lys Asn Glu Trp
1 5 10

<210> 22029
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22029
Ser Arg Lys Glu Arg Glu Thr Glu Leu
1 5

<210> 22030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22030
Lys Glu Arg Glu Thr Glu Leu Gly Ala
1 5

<210> 22031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22031
Arg Glu Thr Glu Leu Gly Ala Arg Ala
1 5

<210> 22032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22032
Lys Ser Arg Lys Glu Arg Glu Thr Glu Leu
1 5 10

<210> 22033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22033
Thr Glu Leu Gly Ala Arg Ala Lys Glu Phe
1 5 10

<210> 22034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22034
Asn Leu Cys Trp Ser Ser Ser Glu Lys
1 5

<210> 22035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22035
Lys Thr Asn Leu Cys Trp Ser Ser Ser
1 5

<210> 22036
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22036
Ala Gln Trp Lys Thr Asn Leu Cys Trp
1 5

<210> 22037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22037
Asp Glu Met Asn Gly Asn Gly Ala Gln
1 5

<210> 22038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22038
Thr Asn Leu Cys Trp Ser Ser Ser Glu Lys
1 5 10

<210> 22039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22039
Ala Gln Trp Lys Thr Asn Leu Cys Trp Ser
1 5 10

<210> 22040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22040
Asp Glu Met Asn Gly Asn Gly Ala Gln Trp
1 5 10

<210> 22041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22041
Val Leu Tyr Val Ser Pro Pro Gln Lys
1 5

<210> 22042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22042
Arg Ser Lys Gly Leu Val Leu Tyr Val
1 5

<210> 22043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22043
Gly Arg Ser Lys Gly Leu Val Leu Tyr
1 5

<210> 22044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22044
Met Met Glu Gly Gly Arg Ser Lys Gly Leu
1 5 10

<210> 22045
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22045
Leu Val Leu Tyr Val Ser Pro Pro Gln Lys
1 5 10

<210> 22046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22046
Val Leu Tyr Val Ser Pro Pro Gln Lys Lys
1 5 10

<210> 22047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22047
Arg Ser Lys Gly Leu Val Leu Tyr Val Ser
1 5 10

<210> 22048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22048
Val Ser Pro Pro Gln Lys Lys Pro Leu Lys
1 5 10

<210> 22049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22049
Gly Gly Arg Ser Lys Gly Leu Val Leu Tyr
1 5 10

<210> 22050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22050
Arg Val Trp Phe Cys Met Phe Leu Leu
1 5

<210> 22051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22051
Lys Val Gly Arg Trp Ser Gln Gln Arg
1 5

<210> 22052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22052
Arg Trp Ser Gln Gln Arg Val Trp Phe
1 5

<210> 22053
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22053
Gln Gln Arg Val Trp Phe Cys Met Phe
1 5

<210> 22054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22054
Thr Ile Thr Ser Ala Lys Val Gly Arg
1 5

<210> 22055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22055
Trp Phe Cys Met Phe Leu Leu Pro Arg
1 5

<210> 22056
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22056
Gly Arg Trp Ser Gln Gln Arg Val Trp
1 5

<210> 22057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22057
Ser Gln Gln Arg Val Trp Phe Cys Met
1 5

<210> 22058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22058
Gly Thr Ile Thr Ser Ala Lys Val Gly Arg
1 5 10

<210> 22059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22059
Val Trp Phe Cys Met Phe Leu Leu Pro Arg
1 5 10

<210> 22060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22060
Ser Gln Gln Arg Val Trp Phe Cys Met Phe
1 5 10

<210> 22061
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22061

Lys Val Gly Arg Trp Ser Gln Gln Arg Val
1 5 10

<210> 22062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22062
Gln Gln Arg Val Trp Phe Cys Met Phe Leu
1 5 10

<210> 22063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22063
Trp Phe Cys Met Phe Leu Leu Pro Arg Arg
1 5 10

<210> 22064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22064
Val Gly Arg Trp Ser Gln Gln Arg Val Trp
1 5 10

<210> 22065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22065
Gly Arg Trp Ser Gln Gln Arg Val Trp Phe
1 5 10

<210> 22066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22066
Trp Ser Gln Gln Arg Val Trp Phe Cys Met
1 5 10

<210> 22067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22067
Cys Met Phe Leu Leu Pro Arg Arg Ser His
1 5 10

<210> 22068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22068
Val Leu Tyr Val Ser Pro Pro Gln Lys
1 5

<210> 22069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22069
Arg Ser Lys Gly Leu Val Leu Tyr Val
1 5

<210> 22070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22070
Gly Arg Ser Lys Gly Leu Val Leu Tyr
1 5

<210> 22071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22071
Met Met Glu Gly Gly Arg Ser Lys Gly Leu
1 5 10

<210> 22072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22072
Leu Val Leu Tyr Val Ser Pro Pro Gln Lys
1 5 10

<210> 22073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22073
Val Leu Tyr Val Ser Pro Pro Gln Lys Lys
1 5 10

<210> 22074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22074
Arg Ser Lys Gly Leu Val Leu Tyr Val Ser
1 5 10

<210> 22075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22075
Val Ser Pro Pro Gln Lys Lys Pro Leu Lys
1 5 10

<210> 22076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22076
Gly Gly Arg Ser Lys Gly Leu Val Leu Tyr
1 5 10

<210> 22077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22077
Arg Gly Gln Pro Tyr Ala Thr Lys Trp
1 5

<210> 22078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22078
Ile Asn His Thr Gly Asp Gln Ser Leu

1 5

<210> 22079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22079
His Thr Gly Asp Gln Ser Leu Pro Ser Lys
1 5 10

<210> 22080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22080
Gly Leu Phe Leu Pro Ala Ile Glu Ile
1 5

<210> 22081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22081
Phe Leu Pro Ala Ile Glu Ile Ser Leu
1 5

<210> 22082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22082
Asp Gln Ala Gly Leu Phe Leu Pro Ala
1 5

<210> 22083

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22083
Leu Phe Leu Pro Ala Ile Glu Ile Ser Leu
1 5 10

<210> 22084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22084
Asp Gln Ala Gly Leu Phe Leu Pro Ala Ile
1 5 10

<210> 22085
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22085
Leu Pro Ala Ile Glu Ile Ser Leu Asp Val
1 5 10

<210> 22086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22086
Ile Asp Gln Ala Gly Leu Phe Leu Pro Ala
1 5 10

<210> 22087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22087
Arg Leu Leu Arg Cys Gly Met Ser Val
1 5

<210> 22088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22088
Gly Met Ser Val Leu Ala Cys Ala Leu
1 5

<210> 22089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22089
Leu Leu Arg Cys Gly Met Ser Val Leu
1 5

<210> 22090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22090
Ser Glu Thr Lys Lys Val Val Asn Leu
1 5

<210> 22091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22091
Arg Leu Leu Arg Cys Gly Met Ser Val Leu
1 5 10

<210> 22092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22092
Leu Leu Arg Cys Gly Met Ser Val Leu Ala
1 5 10

<210> 22093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22093
Cys Gly Met Ser Val Leu Ala Cys Ala Leu
1 5 10

<210> 22094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22094
Leu Lys Thr Leu Asp Leu Leu His Leu
1 5

<210> 22095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22095
Ser Glu Leu Thr Thr His Asp Leu Lys Thr
1 5 10

<210> 22096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22096
Val Thr Ser Arg Asp Thr Gly Ile Tyr
1 5

<210> 22097
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22097
Arg Asp Thr Gly Ile Tyr Thr Cys Ile
1 5

<210> 22098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22098
Pro Val Thr Ser Arg Asp Thr Gly Ile Tyr
1 5 10

<210> 22099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22099
Glu Ala Glu Ala Glu Ala Ala Ala Phe
1 5

<210> 22100
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22100
Val Glu Glu Ala Glu Ala Glu Ala Ala
1 5

<210> 22101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22101
Ala Glu Ala Glu Ala Ala Ala Phe Gly
1 5

<210> 22102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22102
Glu Glu Ala Glu Ala Glu Ala Ala Ala Phe
1 5 10

<210> 22103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22103
Ala Glu Ala Glu Ala Ala Ala Phe Gly Ser
1 5 10

<210> 22104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22104
Val Glu Glu Ala Glu Ala Glu Ala Ala Ala
1 5 10

<210> 22105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22105
Arg Glu Arg Gly Pro Pro Pro Ala Thr
1 5

<210> 22106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22106
Ala Leu Arg Glu Arg Gly Pro Pro Pro Ala
1 5 10

<210> 22107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22107
Arg Glu Arg Gly Pro Pro Pro Ala Thr Ala
1 5 10

<210> 22108
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22108
Ser Thr Ala Gly Pro Glu Ala Asn Leu
1 5

<210> 22109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22109
Ala Pro Ser Thr Ala Gly Pro Glu Ala
1 5

<210> 22110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22110
Gly Gln Gln Ala Gln Ala Pro Ser Thr
1 5

<210> 22111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22111
Gln Gln Ala Gln Ala Pro Ser Thr Ala
1 5

<210> 22112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22112
Gly Gln Gln Ala Gln Ala Pro Ser Thr Ala
1 5 10

<210> 22113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22113
Gln Gln Ala Gln Ala Pro Ser Thr Ala Gly
1 5 10

<210> 22114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22114
Trp Gly Val Pro Trp Met Thr Ser Met
1 5

<210> 22115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22115
Arg Asn Gly Ser Trp Gly Val Pro Trp
1 5

<210> 22116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22116
Lys Ser Cys Arg Asn Gly Ser Trp Gly Val
1 5 10

<210> 22117
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22117
Cys Arg Asn Gly Ser Trp Gly Val Pro Trp
1 5 10

<210> 22118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22118
Arg Asn Gly Ser Trp Gly Val Pro Trp Met
1 5 10

<210> 22119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22119
Ser Trp Gly Val Pro Trp Met Thr Ser Met
1 5 10

<210> 22120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22120
Thr Leu Cys Cys Trp Leu Thr Trp Ala
1 5

<210> 22121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22121
Trp Leu Thr Trp Ala Gln Val Ser Ala
1 5

<210> 22122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22122
Arg Thr Ala Leu Ile Thr His Thr Leu
1 5

<210> 22123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22123
His Thr Leu Cys Cys Trp Leu Thr Trp
1 5

<210> 22124
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22124
Cys Gln Lys Ser Arg Thr Ala Leu Ile
1 5

<210> 22125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22125

Lys Ser Arg Thr Ala Leu Ile Thr His
1 5

<210> 22126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22126
Leu Thr Trp Ala Gln Val Ser Ala Phe
1 5

<210> 22127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22127
Leu Cys Gln Lys Ser Arg Thr Ala Leu
1 5

<210> 22128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22128
Leu Ile Thr His Thr Leu Cys Cys Trp Leu
1 5 10

<210> 22129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22129
Lys Ser Arg Thr Ala Leu Ile Thr His Thr
1 5 10

<210> 22130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22130
His Thr Leu Cys Cys Trp Leu Thr Trp Ala
1 5 10

<210> 22131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22131
Glu Leu Cys Gln Lys Ser Arg Thr Ala Leu
1 5 10

<210> 22132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22132
Trp Leu Thr Trp Ala Gln Val Ser Ala Phe
1 5 10

<210> 22133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22133
Ser Arg Thr Ala Leu Ile Thr His Thr Leu
1 5 10

<210> 22134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22134
Ala Leu Ile Thr His Thr Leu Cys Cys Trp
1 5 10

<210> 22135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22135
Ser Leu Gly Gly Gly Thr Phe Leu Val
1 5

<210> 22136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22136
Phe Leu Val Ser Ala Val Phe Leu Leu
1 5

<210> 22137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22137
Ala Val Phe Leu Leu Ala Val Pro Leu
1 5

<210> 22138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22138
Leu Leu Lys Trp His Leu Val Glu Ile
1 5

<210> 22139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22139
Leu Val Ser Ala Val Phe Leu Leu Ala
1 5

<210> 22140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22140
Phe Leu Leu Ala Val Pro Leu Leu Lys
1 5

<210> 22141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22141
Leu Leu Ala Val Pro Leu Leu Lys Lys
1 5

<210> 22142
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22142
Thr Phe Leu Val Ser Ala Val Phe Leu

1 5

<210> 22143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22143
Val Phe Leu Leu Ala Val Pro Leu Leu
1 5

<210> 22144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22144
Gly Thr Phe Leu Val Ser Ala Val Phe
1 5

<210> 22145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22145
Val Ser Ala Val Phe Leu Leu Ala Val
1 5

<210> 22146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22146
Leu Lys Trp His Leu Val Glu Ile Ala
1 5

<210> 22147

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22147
His Leu Val Glu Ile Ala Pro Lys Trp
1 5

<210> 22148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22148
Phe Leu Val Ser Ala Val Phe Leu Leu Ala
1 5 10

<210> 22149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22149
Leu Val Ser Ala Val Phe Leu Leu Ala Val
1 5 10

<210> 22150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22150
Ala Val Phe Leu Leu Ala Val Pro Leu Leu
1 5 10

<210> 22151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22151
Leu Leu Ala Val Pro Leu Leu Lys Lys Leu
1 5 10

<210> 22152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22152
Lys Leu Leu Lys Trp His Leu Val Glu Ile
1 5 10

<210> 22153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22153
Leu Leu Lys Lys Leu Leu Lys Trp His Leu
1 5 10

<210> 22154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22154
Leu Leu Lys Trp His Leu Val Glu Ile Ala
1 5 10

<210> 22155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22155
His Leu Val Glu Ile Ala Pro Lys Trp Ile
1 5 10

<210> 22156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22156
Phe Leu Leu Ala Val Pro Leu Leu Lys Lys
1 5 10

<210> 22157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22157
Val Phe Leu Leu Ala Val Pro Leu Leu Lys
1 5 10

<210> 22158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22158
Ala Val Pro Leu Leu Lys Lys Leu Leu Lys
1 5 10

<210> 22159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22159
Thr Phe Leu Val Ser Ala Val Phe Leu Leu
1 5 10

<210> 22160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22160
Gly Thr Phe Leu Val Ser Ala Val Phe Leu
1 5 10

<210> 22161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22161
Lys Trp His Leu Val Glu Ile Ala Pro Lys
1 5 10

<210> 22162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22162
Thr Ser Leu Gly Gly Gly Thr Phe Leu Val
1 5 10

<210> 22163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22163
Ser Ala Val Phe Leu Leu Ala Val Pro Leu
1 5 10

<210> 22164
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22164
Gly Gly Thr Phe Leu Val Ser Ala Val Phe
1 5 10

<210> 22165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22165
Val Pro Leu Leu Lys Lys Leu Leu Lys Trp
1 5 10

<210> 22166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22166
Leu Leu Arg Met Gly Ala Gly Arg Leu
1 5

<210> 22167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22167
Arg Met Gly Ala Gly Arg Leu Gly Ala
1 5

<210> 22168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22168
Leu Leu Leu Arg Met Gly Ala Gly Arg
1 5

<210> 22169
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22169
Gly Ala Gly Arg Leu Gly Ala Pro Met
1 5

<210> 22170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22170
Arg Gln Arg Leu Leu Leu Arg Met Gly Ala
1 5 10

<210> 22171
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22171
Arg Leu Leu Leu Arg Met Gly Ala Gly Arg
1 5 10

<210> 22172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22172
Ala Gly Arg Leu Gly Ala Pro Met Glu Arg
1 5 10

<210> 22173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22173
Met Gly Ala Gly Arg Leu Gly Ala Pro Met
1 5 10

<210> 22174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22174
Leu Arg Met Gly Ala Gly Arg Leu Gly Ala
1 5 10

<210> 22175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22175
Ile Tyr Gly Gly Asp Tyr Glu Ile Phe
1 5

<210> 22176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22176
Ile Phe Gly Leu Pro Gly Trp Ala Val
1 5

<210> 22177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22177
Asp Ile Tyr Gly Gly Asp Tyr Glu Ile
1 5

<210> 22178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22178
Glu Ile Phe Gly Leu Pro Gly Trp Ala
1 5

<210> 22179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22179
Tyr Glu Ile Phe Gly Leu Pro Gly Trp
1 5

<210> 22180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22180
Glu Ile Phe Gly Leu Pro Gly Trp Ala Val
1 5 10

<210> 22181
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22181
Asp Ile Tyr Gly Gly Asp Tyr Glu Ile Phe
1 5 10

<210> 22182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22182
Arg Asp Ile Tyr Gly Gly Asp Tyr Glu Ile
1 5 10

<210> 22183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22183
Tyr Glu Ile Phe Gly Leu Pro Gly Trp Ala
1 5 10

<210> 22184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22184
Gln Leu Val Glu Thr Gly Gly Tyr Val
1 5

<210> 22185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22185
Asn Gln Leu Val Glu Thr Gly Gly Tyr
1 5

<210> 22186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22186
Tyr Val Gly Leu Pro Ser Val Ser Tyr
1 5

<210> 22187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22187
Val Glu Thr Gly Gly Tyr Val Gly Leu
1 5

<210> 22188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22188
Tyr Val Gly Leu Pro Ser Val Ser Tyr Ala
1 5 10

<210> 22189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22189

Gly Tyr Val Gly Leu Pro Ser Val Ser Tyr
1 5 10

<210> 22190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22190
Lys Glu Glu Pro Cys Phe Phe Ser Gly
1 5

<210> 22191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22191
Glu Glu Ala Val Gly Thr Pro Asp Val
1 5

<210> 22192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22192
Ser Pro Leu Cys Val Ile Pro Pro Val
1 5

<210> 22193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22193
Cys Ser Pro Leu Cys Val Ile Pro Pro Val
1 5 10

<210> 22194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22194
Thr Leu Glu His Trp Met Glu His Val
1 5

<210> 22195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22195
Met Glu His Val Lys Val Gln Ser Ile
1 5

<210> 22196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22196
Trp Met Glu His Val Lys Val Gln Ser Ile
1 5 10

<210> 22197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22197
Thr Leu Glu His Trp Met Glu His Val Lys
1 5 10

<210> 22198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22198
Asp Thr Leu Glu His Trp Met Glu His Val
1 5 10

<210> 22199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22199
Met Glu His Val Lys Val Gln Ser Ile Val
1 5 10

<210> 22200
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22200
Leu Glu His Trp Met Glu His Val Lys Val
1 5 10

<210> 22201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22201
Ala Leu Ala Ser Gly Pro Pro Ala Thr
1 5

<210> 22202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22202
Arg Ala Leu Ala Ser Gly Pro Pro Ala
1 5

<210> 22203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22203
Ala Leu Ala Ser Gly Pro Pro Ala Thr Ala
1 5 10

<210> 22204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22204
Arg Ala Leu Ala Ser Gly Pro Pro Ala Thr
1 5 10

<210> 22205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22205
His Arg Ala Leu Ala Ser Gly Pro Pro Ala
1 5 10

<210> 22206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22206
Glu Glu Thr Glu Ala Gln His Leu Tyr

1 5

<210> 22207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22207
Leu Glu Glu Thr Glu Ala Gln His Leu
1 5

<210> 22208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22208
Thr Glu Ala Gln His Leu Tyr Gln Ser
1 5

<210> 22209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22209
Leu Glu Glu Thr Glu Ala Gln His Leu Tyr
1 5 10

<210> 22210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22210
Thr Glu Ala Gln His Leu Tyr Gln Ser Ile
1 5 10

<210> 22211

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22211
Ser Met Lys Lys Glu Thr Ser Leu His
1 5

<210> 22212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22212
Asp Ser Met Lys Lys Glu Thr Ser Leu
1 5

<210> 22213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22213
Met Lys Lys Glu Thr Ser Leu His His
1 5

<210> 22214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22214
Ser Met Lys Lys Glu Thr Ser Leu His His
1 5 10

<210> 22215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22215
Arg Met Trp Val Glu Asn Ile Gln Lys
1 5

<210> 22216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22216
Ile Gln Lys Lys Lys Ala Arg Leu Ala
1 5

<210> 22217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22217
Lys Ala Arg Leu Ala Cys Leu Ser Phe
1 5

<210> 22218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22218
Leu Pro Arg Met Trp Val Glu Asn Ile
1 5

<210> 22219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22219
Asn Pro Ile Ser Met Ser Thr Ser Leu
1 5

<210> 22220
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22220
Asn Ile Gln Lys Lys Lys Ala Arg Leu
1 5

<210> 22221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22221
Lys Lys Lys Ala Arg Leu Ala Cys Leu
1 5

<210> 22222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22222
Leu Ala Cys Leu Ser Phe Asn Pro Ile
1 5

<210> 22223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22223
Cys Leu Ser Phe Asn Pro Ile Ser Met
1 5

<210> 22224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22224
Tyr Leu Pro Arg Met Trp Val Glu Asn Ile
1 5 10

<210> 22225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22225
Arg Leu Ala Cys Leu Ser Phe Asn Pro Ile
1 5 10

<210> 22226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22226
Arg Met Trp Val Glu Asn Ile Gln Lys Lys
1 5 10

<210> 22227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22227
Lys Ala Arg Leu Ala Cys Leu Ser Phe Asn
1 5 10

<210> 22228
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22228
Lys Lys Ala Arg Leu Ala Cys Leu Ser Phe
1 5 10

<210> 22229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22229
Ala Cys Leu Ser Phe Asn Pro Ile Ser Met
1 5 10

<210> 22230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22230
Glu Pro Ala Ala Ala Ala Ala Ala Ala Ile
1 5 10

<210> 22231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22231
Arg Leu Cys Gln Ser Arg Ile Ala Leu
1 5

<210> 22232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22232
Leu Ser Arg Leu Cys Gln Ser Arg Ile
1 5

<210> 22233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22233
Gly Leu Ser Arg Leu Cys Gln Ser Arg Ile
1 5 10

<210> 22234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22234
Leu Ser Arg Leu Cys Gln Ser Arg Ile Ala
1 5 10

<210> 22235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22235
Ser Arg Leu Cys Gln Ser Arg Ile Ala Leu
1 5 10

<210> 22236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22236
Pro Val Arg Pro Cys Arg Cys Cys Arg
1 5

<210> 22237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22237
Met Pro Pro Pro Val Arg Pro Cys Arg
1 5

<210> 22238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22238
Arg Pro Cys Arg Cys Cys Arg Cys Leu
1 5

<210> 22239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22239
Leu Leu Met Pro Pro Pro Val Arg Pro Cys
1 5 10

<210> 22240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22240
Leu Met Pro Pro Pro Val Arg Pro Cys Arg
1 5 10

<210> 22241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22241
Asn Pro Ala Leu Leu Met Pro Pro Pro Val
1 5 10

<210> 22242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22242
Met Val Ser Ala Ser Cys Ser Gln Arg
1 5

<210> 22243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22243
Leu Glu Pro Thr Thr Met Val Ser Ala
1 5

<210> 22244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22244
Met Val Ser Ala Ser Cys Ser Gln Arg Leu
1 5 10

<210> 22245
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22245
Thr Met Val Ser Ala Ser Cys Ser Gln Arg
1 5 10

<210> 22246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22246
Ser Glu Arg Ala Leu Ala Pro Gln Ser
1 5

<210> 22247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22247
Arg Ser Tyr Asp Thr Tyr Thr Pro His
1 5

<210> 22248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22248
Ser Tyr Asp Thr Tyr Thr Pro His Ile
1 5

<210> 22249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22249
Asp Thr Tyr Thr Pro His Ile Cys Arg
1 5

<210> 22250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22250
Arg Ser Tyr Asp Thr Tyr Thr Pro His Ile
1 5 10

<210> 22251
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22251
Lys Leu His Gln Thr Asp Asn Phe Ala
1 5

<210> 22252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22252
Arg Lys Leu His Gln Thr Asp Asn Phe
1 5

<210> 22253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22253

Ile Arg Lys Leu His Gln Thr Asp Asn Phe
1 5 10

<210> 22254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22254
His Gln Thr Asp Asn Phe Ala Gln Ser Ser
1 5 10

<210> 22255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22255
Thr Ile Thr Asp Gln Ser Leu Asp Lys
1 5

<210> 22256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22256
Gln Ser Leu Asp Lys Ala Gln Ala Lys
1 5

<210> 22257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22257
Ser Leu Asp Lys Ala Gln Ala Lys Lys
1 5

<210> 22258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22258
Lys Ala Gln Ala Lys Lys His Ala Leu
1 5

<210> 22259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22259
Met Thr Ile Thr Asp Gln Ser Leu Asp Lys
1 5 10

<210> 22260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22260
Gln Ser Leu Asp Lys Ala Gln Ala Lys Lys
1 5 10

<210> 22261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22261
Gln Ala Thr Glu Val Leu Asn Glu Phe
1 5

<210> 22262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22262
Thr Glu Val Leu Asn Glu Phe Phe Tyr
1 5

<210> 22263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22263
Asn Glu Phe Phe Tyr Ser His Leu Ser
1 5

<210> 22264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22264
Ala Thr Glu Val Leu Asn Glu Phe Phe Tyr
1 5 10

<210> 22265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22265
Val Leu Asn Glu Phe Phe Tyr Ser His Leu
1 5 10

<210> 22266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22266
Lys Gln Ala Thr Glu Val Leu Asn Glu Phe
1 5 10

<210> 22267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22267
Phe Phe Tyr Ser His Leu Ser Asn Pro Tyr
1 5 10

<210> 22268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22268
Asn Glu Phe Phe Tyr Ser His Leu Ser Asn
1 5 10

<210> 22269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22269
His Ser His Ser His His His His Arg
1 5

<210> 22270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22270
Arg Pro Pro Val Thr Leu Arg Gln Val

1 5

<210> 22271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22271
Arg Gln Val Val Pro Ala Thr Gln Cys
1 5

<210> 22272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22272
Arg Pro Pro Val Thr Leu Arg Gln Val Val
1 5 10

<210> 22273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22273
Arg Gln Val Val Pro Ala Thr Gln Cys Gly
1 5 10

<210> 22274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22274
His Ile Ala Trp Asp Asp Glu Glu Thr Arg
1 5 10

<210> 22275

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22275
Asn Met Pro Gly Ala Tyr Ile Tyr Ala
1 5

<210> 22276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22276
Thr Glu Asn Asn Met Pro Gly Ala Tyr
1 5

<210> 22277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22277
Asn Asn Met Pro Gly Ala Tyr Ile Tyr
1 5

<210> 22278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22278
Met Pro Gly Ala Tyr Ile Tyr Ala Val
1 5

<210> 22279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22279
Val Thr Glu Asn Asn Met Pro Gly Ala Tyr
1 5 10

<210> 22280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22280
Tyr Val Thr Glu Asn Asn Met Pro Gly Ala
1 5 10

<210> 22281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22281
Asn Met Pro Gly Ala Tyr Ile Tyr Ala Val
1 5 10

<210> 22282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22282
Tyr Asp Val Tyr Val Thr Glu Asn Asn Met
1 5 10

<210> 22283
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22283
Met Pro Gly Ala Tyr Ile Tyr Ala Val Ser
1 5 10

<210> 22284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22284
Thr Glu Asn Asn Met Pro Gly Ala Tyr Ile
1 5 10

<210> 22285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22285
Gly Thr Pro Ala Ser Glu Val Leu Pro Arg
1 5 10

<210> 22286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22286
Arg Asn Gly Thr Pro Ala Ser Glu Val Leu
1 5 10

<210> 22287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22287
Thr Glu Leu Phe Glu Thr Pro Glu Ala
1 5

<210> 22288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22288
Gly Met Asp Ser Val Pro Asp Thr Glu Leu
1 5 10

<210> 22289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22289
Met Asp Ser Val Pro Asp Thr Glu Leu Phe
1 5 10

<210> 22290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22290
Val Leu Asp Ile Asn Asp Asn Pro Pro Leu
1 5 10

<210> 22291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22291
Leu Asp Ile Asn Asp Asn Pro Pro Leu Phe
1 5 10

<210> 22292
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22292
Ala Ala His Arg His Gly Pro Thr His
1 5

<210> 22293
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22293
Gly Pro Thr His His Pro Ser Ala Gly Leu
1 5 10

<210> 22294
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22294
Arg His Gly Pro Thr His His Pro Ser Ala
1 5 10

<210> 22295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22295
Ile Gln Leu Met Lys Val Ser Ala Met
1 5

<210> 22296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22296
Gln Leu Met Lys Val Ser Ala Met Asp Ala
1 5 10

<210> 22297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22297
Ser Val His Thr Ile Pro Pro Met Lys
1 5

<210> 22298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22298
Glu Val Pro Val Ser Val His Thr Ile
1 5

<210> 22299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22299
His Thr Ile Pro Pro Met Lys Glu Val
1 5

<210> 22300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22300
Val Ser Val His Thr Ile Pro Pro Met
1 5

<210> 22301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22301
Val Ser Val His Thr Ile Pro Pro Met Lys
1 5 10

<210> 22302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22302
Thr Ile Pro Pro Met Lys Glu Val Val Arg
1 5 10

<210> 22303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22303
His Thr Ile Pro Pro Met Lys Glu Val Val
1 5 10

<210> 22304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22304
Phe Glu Val Pro Val Ser Val His Thr Ile
1 5 10

<210> 22305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22305
Asp Ile Ser Gln Ile Thr Asp Phe Val
1 5

<210> 22306
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22306
Gln Ile Thr Asp Phe Val Asp Pro Phe
1 5

<210> 22307
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22307
Ser Asp Ile Ser Gln Ile Thr Asp Phe
1 5

<210> 22308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22308
Ser Gln Ile Thr Asp Phe Val Asp Pro Phe
1 5 10

<210> 22309
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22309
Glu Leu Ser Pro Ser Arg Pro Phe Val
1 5

<210> 22310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22310
Phe Val Leu His Ser Ser Leu Ser Arg
1 5

<210> 22311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22311
Arg Pro Phe Val Leu His Ser Ser Leu
1 5

<210> 22312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22312
Leu Glu Leu Ser Pro Ser Arg Pro Phe
1 5

<210> 22313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22313
Phe Val Leu His Ser Ser Leu Ser Arg Arg
1 5 10

<210> 22314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22314
Ser Leu Glu Leu Ser Pro Ser Arg Pro Phe
1 5 10

<210> 22315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22315
Leu Glu Leu Ser Pro Ser Arg Pro Phe Val
1 5 10

<210> 22316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22316
Gln Thr Lys Ala Phe Lys Phe Lys Val
1 5

<210> 22317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22317

Lys Ala Phe Lys Phe Lys Val Leu Ala
1 5

<210> 22318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22318
Ala Phe Lys Phe Lys Val Leu Ala Lys
1 5

<210> 22319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22319
Thr Lys Ala Phe Lys Phe Lys Val Leu
1 5

<210> 22320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22320
His Glu Gln Thr Lys Ala Phe Lys Phe
1 5

<210> 22321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22321
Lys Ala Phe Lys Phe Lys Val Leu Ala Lys
1 5 10

<210> 22322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22322
Gln Thr Lys Ala Phe Lys Phe Lys Val Leu
1 5 10

<210> 22323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22323
Tyr Val Asn Asp Arg Thr Cys Glu Leu
1 5

<210> 22324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22324
Tyr Val Asn Asp Arg Thr Cys Glu Leu Phe
1 5 10

<210> 22325
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22325
Ala Glu Ser Gly Lys Val Tyr Thr Leu
1 5

<210> 22326
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22326
Gly Lys Val Tyr Thr Leu Gln Pro Leu
1 5

<210> 22327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22327
Thr Leu Gln Pro Leu Asp His Glu Glu Leu
1 5 10

<210> 22328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22328
Lys Val Tyr Thr Leu Gln Pro Leu Asp His
1 5 10

<210> 22329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22329
Ser Gly Lys Val Tyr Thr Leu Gln Pro Leu
1 5 10

<210> 22330
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22330
His Ala Glu Ser Gly Lys Val Tyr Thr Leu
1 5 10

<210> 22331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22331
Ile Ile Lys Cys Tyr Arg Tyr Thr Val
1 5

<210> 22332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22332
Tyr Thr Val Tyr Gly Thr Ala Cys Cys
1 5

<210> 22333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22333
Ile Lys Cys Tyr Arg Tyr Thr Val Tyr
1 5

<210> 22334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22334
Tyr Arg Tyr Thr Val Tyr Gly Thr Ala

1 5

<210> 22335
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22335
Ser Ile Ile Lys Cys Tyr Arg Tyr Thr Val
1 5 10

<210> 22336
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22336
Val Tyr Gly Thr Ala Cys Cys Gly Gly Phe
1 5 10

<210> 22337
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22337
Ile Ile Lys Cys Tyr Arg Tyr Thr Val Tyr
1 5 10

<210> 22338
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22338
Cys Tyr Arg Tyr Thr Val Tyr Gly Thr Ala
1 5 10

<210> 22339

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22339
Tyr Arg Tyr Thr Val Tyr Gly Thr Ala Cys
1 5 10

<210> 22340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22340
Ser Ser Val Val Gly Ser Trp Ser Tyr
1 5

<210> 22341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22341
Lys Pro Thr Leu Val Cys Ser Ser Val
1 5

<210> 22342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22342
Cys Ser Ser Val Val Gly Ser Trp Ser Tyr
1 5 10

<210> 22343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22343
Lys Pro Thr Leu Val Cys Ser Ser Val Val
1 5 10

<210> 22344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22344
Leu Val Cys Ser Ser Val Val Gly Ser Trp
1 5 10

<210> 22345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22345
Val Phe Pro Ala Thr Gln Asn Asn Leu
1 5

<210> 22346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22346
Asn Asn Leu Phe Ile Ala Glu Ser Arg
1 5

<210> 22347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22347
Phe Pro Ala Thr Gln Asn Asn Leu Phe
1 5

<210> 22348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22348
Val Phe Pro Ala Thr Gln Asn Asn Leu Phe
1 5 10

<210> 22349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22349
Phe Pro Ala Thr Gln Asn Asn Leu Phe Ile
1 5 10

<210> 22350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22350
Asp Ser Arg Phe Pro Leu Glu Gly Val
1 5

<210> 22351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22351
Phe Pro Leu Glu Gly Val Ser Asp Leu
1 5

<210> 22352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22352
Glu Leu Ser Lys Ser Leu Ser Leu Val
1 5

<210> 22353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22353
Lys Ser Leu Ser Leu Val Leu Gly Lys
1 5

<210> 22354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22354
Leu Ser Lys Ser Leu Ser Leu Val Leu
1 5

<210> 22355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22355
Asp Glu Leu Ser Lys Ser Leu Ser Leu
1 5

<210> 22356
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22356
Asp Glu Leu Ser Lys Ser Leu Ser Leu Val
1 5 10

<210> 22357
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22357
Asn Thr Thr Asp Leu Asp Glu Gly Val
1 5

<210> 22358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22358
Thr Thr Asp Leu Asp Glu Gly Val Asn Lys
1 5 10

<210> 22359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22359
Gln Leu Asn Ala Ser Asp Pro Asp Lys
1 5

<210> 22360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22360
Lys Gly Leu Asn Gly Glu Ile Ser Tyr
1 5

<210> 22361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22361
Ile Leu Tyr Pro Leu Gln Lys Gly Thr
1 5

<210> 22362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22362
Pro Met Ile Leu Tyr Pro Leu Gln Lys
1 5

<210> 22363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22363
Ile Leu Tyr Pro Leu Gln Lys Gly Thr Leu
1 5 10

<210> 22364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22364
Arg Pro Met Ile Leu Tyr Pro Leu Gln Lys
1 5 10

<210> 22365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22365
Tyr Pro Leu Gln Lys Gly Thr Leu Pro Cys
1 5 10

<210> 22366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22366
Ala Ser Glu Asp Ile Cys Lys Thr Phe
1 5

<210> 22367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22367
Phe Ser His Ala Ser Glu Asp Ile Cys Lys
1 5 10

<210> 22368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22368
His Ala Ser Glu Asp Ile Cys Lys Thr Phe
1 5 10

<210> 22369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22369
Ser Glu Asp Ile Cys Lys Thr Phe Glu Ile
1 5 10

<210> 22370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22370
Leu Pro Arg Ser Gly Thr Ala Gln Val
1 5

<210> 22371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22371
Ser Leu Pro Arg Ser Gly Thr Ala Gln Val
1 5 10

<210> 22372
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22372
Thr Ala Leu Asp Gly Gly Ser Leu Pro Arg
1 5 10

<210> 22373
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22373
Leu Pro Arg Ser Gly Thr Ala Gln Val Tyr
1 5 10

<210> 22374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22374
Phe Leu Asp Ser Pro Ile Val Arg Val
1 5

<210> 22375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22375
Ser Phe Leu Asp Ser Pro Ile Val Arg
1 5

<210> 22376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22376
Asn Ser Phe Leu Asp Ser Pro Ile Val
1 5

<210> 22377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22377
Gly Val Gln Val Leu Glu Asn Ser Phe
1 5

<210> 22378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22378
Val Gln Val Leu Glu Asn Ser Phe Leu
1 5

<210> 22379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22379
Phe Leu Asp Ser Pro Ile Val Arg Val Leu
1 5 10

<210> 22380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22380
Asn Ser Phe Leu Asp Ser Pro Ile Val Arg
1 5 10

<210> 22381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22381

Tyr Gly Val Gln Val Leu Glu Asn Ser Phe
1 5 10

<210> 22382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22382
Leu Glu Asn Ser Phe Leu Asp Ser Pro Ile
1 5 10

<210> 22383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22383
Tyr Ser Val Ala Asn Leu Ala Lys Tyr
1 5

<210> 22384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22384
Tyr Leu Gly Leu Gly Val Gly Glu Leu
1 5

<210> 22385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22385
Ala Lys Tyr Leu Gly Leu Gly Val Gly
1 5

<210> 22386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22386
Asn Leu Ala Lys Tyr Leu Gly Leu Gly Val
1 5 10

<210> 22387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22387
Tyr Leu Gly Leu Gly Val Gly Glu Leu Ala
1 5 10

<210> 22388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22388
Lys Tyr Leu Gly Leu Gly Val Gly Glu Leu
1 5 10

<210> 22389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22389
Gly Tyr Ser Val Ala Asn Leu Ala Lys Tyr
1 5 10

<210> 22390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22390
Tyr Ser Val Ala Asn Leu Ala Lys Tyr Leu
1 5 10

<210> 22391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22391
Ser Pro Arg Ser Ala Thr Ala Thr Leu
1 5

<210> 22392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22392
Gly Glu Ser Pro Arg Ser Ala Thr Ala
1 5

<210> 22393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22393
Leu Val Lys Asp Asn Gly Glu Ser Pro Arg
1 5 10

<210> 22394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22394
Glu Ser Pro Arg Ser Ala Thr Ala Thr Leu
1 5 10

<210> 22395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22395
Gly Glu Ser Pro Arg Ser Ala Thr Ala Thr
1 5 10

<210> 22396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22396
Gln Val Tyr Ile Glu Val Val Asn Val
1 5

<210> 22397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22397
Glu Val Val Asn Val Asn Asp Asn Ala
1 5

<210> 22398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22398
Asn Val Asn Asp Asn Ala Pro Glu Phe

1 5

<210> 22399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22399
Ala Gln Val Tyr Ile Glu Val Val Asn Val
1 5 10

<210> 22400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22400
Val Asn Val Asn Asp Asn Ala Pro Glu Phe
1 5 10

<210> 22401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22401
Ile Glu Val Val Asn Val Asn Asp Asn Ala
1 5 10

<210> 22402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22402
Ser Val Gln Asn Ala Trp Leu Ser Tyr
1 5

<210> 22403

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22403
Val Gln Asn Ala Trp Leu Ser Tyr Arg
1 5

<210> 22404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22404
Val Val Ala Val Asp Arg Asp Ser Val
1 5

<210> 22405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22405
Val Gln Asn Ala Trp Leu Ser Tyr Arg Leu
1 5 10

<210> 22406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22406
Ser Val Gln Asn Ala Trp Leu Ser Tyr Arg
1 5 10

<210> 22407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22407
Asp Ser Val Gln Asn Ala Trp Leu Ser Tyr
1 5 10

<210> 22408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22408
Val Asp Arg Asp Ser Val Gln Asn Ala Trp
1 5 10

<210> 22409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22409
Leu Ser Ala Thr Val Thr Leu Thr Met
1 5

<210> 22410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22410
Ala Thr Val Thr Leu Thr Met Ala Val
1 5

<210> 22411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22411
Leu Thr Met Ala Val Ala Asp Ser Ile
1 5

<210> 22412
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22412
Thr Val Thr Leu Thr Met Ala Val Ala
1 5

<210> 22413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22413
Met Ala Val Ala Asp Ser Ile Pro Glu Val
1 5 10

<210> 22414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22414
Thr Leu Thr Met Ala Val Ala Asp Ser Ile
1 5 10

<210> 22415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22415
Ser Ala Thr Val Thr Leu Thr Met Ala Val
1 5 10

<210> 22416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22416
Pro Leu Ser Ala Thr Val Thr Leu Thr Met
1 5 10

<210> 22417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22417
Val Phe Ala Asn Ser Leu Gln Glu Val
1 5

<210> 22418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22418
Leu His Leu Val Phe Ala Asn Ser Leu
1 5

<210> 22419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22419
Phe Ala Asn Ser Leu Gln Glu Val Leu
1 5

<210> 22420
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22420
Leu Val Phe Ala Asn Ser Leu Gln Glu Val
1 5 10

<210> 22421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22421
Thr Leu His Leu Val Phe Ala Asn Ser Leu
1 5 10

<210> 22422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22422
Val Phe Ala Asn Ser Leu Gln Glu Val Leu
1 5 10

<210> 22423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22423
His Glu Asp Leu Asp Leu Thr Leu Tyr
1 5

<210> 22424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22424
Ile Asp His Glu Asp Leu Asp Leu Thr Leu
1 5 10

<210> 22425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22425
Thr Pro Ile Asp His Glu Asp Leu Asp Leu
1 5 10

<210> 22426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22426
His Glu Asp Leu Asp Leu Thr Leu Tyr Leu
1 5 10

<210> 22427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22427
Ser Ala Arg Lys Leu Arg Val Ser Thr
1 5

<210> 22428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22428
Arg Lys Leu Arg Val Ser Thr Glu Lys
1 5

<210> 22429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22429
Lys Leu Arg Val Ser Thr Glu Lys Leu
1 5

<210> 22430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22430
Ser Thr Glu Lys Leu His Phe Ser Val
1 5

<210> 22431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22431
Arg Val Ser Thr Glu Lys Leu His Phe
1 5

<210> 22432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22432
Lys Leu Arg Val Ser Thr Glu Lys Leu His
1 5 10

<210> 22433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22433
Val Ser Thr Glu Lys Leu His Phe Ser Val
1 5 10

<210> 22434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22434
Arg Lys Leu Arg Val Ser Thr Glu Lys Leu
1 5 10

<210> 22435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22435
Leu Arg Val Ser Thr Glu Lys Leu His Phe
1 5 10

<210> 22436
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22436
Thr Glu Lys Leu His Phe Ser Val Asp Ala
1 5 10

<210> 22437
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22437
Lys Leu Pro His Cys Arg Asn Leu Val
1 5

<210> 22438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22438
Asn Leu Val Leu Leu Cys Phe Leu Leu
1 5

<210> 22439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22439
Leu Pro His Cys Arg Asn Leu Val Leu
1 5

<210> 22440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22440
Gln Lys Leu Pro His Cys Arg Asn Leu
1 5

<210> 22441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22441
Lys Leu Pro His Cys Arg Asn Leu Val Leu
1 5 10

<210> 22442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22442
Leu Pro His Cys Arg Asn Leu Val Leu Leu
1 5 10

<210> 22443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22443
Leu Gln Lys Leu Pro His Cys Arg Asn Leu
1 5 10

<210> 22444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22444
His Cys Arg Asn Leu Val Leu Leu Cys Phe
1 5 10

<210> 22445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22445

Glu Glu Glu Lys Ile Leu Glu Thr Phe
1 5

<210> 22446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22446
Asn Glu Glu Glu Lys Ile Leu Glu Thr Phe
1 5 10

<210> 22447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22447
Leu Glu Thr Phe Gln Leu Asp Ser Asn Leu
1 5 10

<210> 22448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22448
Cys Leu Asp Ser Tyr Thr Gly Glu Ile
1 5

<210> 22449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22449
Ala Gln Ile Phe Cys Leu Asp Ser Tyr
1 5

<210> 22450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22450
His Arg Val Ala Gln Ile Phe Cys Leu
1 5

<210> 22451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22451
Val Ala Gln Ile Phe Cys Leu Asp Ser Tyr
1 5 10

<210> 22452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22452
Ala Gln Ile Phe Cys Leu Asp Ser Tyr Thr
1 5 10

<210> 22453
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22453
Ile Leu Phe Thr Asn Trp Tyr Gln Ala
1 5

<210> 22454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22454
Phe Thr Asn Trp Tyr Gln Ala Ser Lys
1 5

<210> 22455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22455
Thr Ser Val Met Thr Glu Pro Cys Lys
1 5

<210> 22456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22456
His Gln Ser His Pro Cys Ser Thr Ser
1 5

<210> 22457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22457
Gln Ser His Pro Cys Ser Thr Ser Val
1 5

<210> 22458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22458
Ser His Pro Cys Ser Thr Ser Val Met
1 5

<210> 22459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22459
Val Met Thr Glu Pro Cys Lys Ile Leu
1 5

<210> 22460
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22460
Met Thr Glu Pro Cys Lys Ile Leu Phe
1 5

<210> 22461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22461
Cys Lys Ile Leu Phe Thr Asn Trp Tyr
1 5

<210> 22462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22462
Lys Ile Leu Phe Thr Asn Trp Tyr Gln Ala

1 5 10

<210> 22463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22463
His Gln Ser His Pro Cys Ser Thr Ser Val
1 5 10

<210> 22464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22464
Ile Leu Phe Thr Asn Trp Tyr Gln Ala Ser
1 5 10

<210> 22465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22465
Phe Thr Asn Trp Tyr Gln Ala Ser Lys Lys
1 5 10

<210> 22466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22466
Ser Thr Ser Val Met Thr Glu Pro Cys Lys
1 5 10

<210> 22467

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22467
Val Met Thr Glu Pro Cys Lys Ile Leu Phe
1 5 10

<210> 22468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22468
Leu Phe Thr Asn Trp Tyr Gln Ala Ser Lys
1 5 10

<210> 22469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22469
Gln Ser His Pro Cys Ser Thr Ser Val Met
1 5 10

<210> 22470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22470
Glu Pro Cys Lys Ile Leu Phe Thr Asn Trp
1 5 10

<210> 22471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22471
Pro Thr Pro Thr Thr Gln Pro Ser Tyr
1 5

<210> 22472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22472
Thr Pro Thr Thr Gln Pro Ser Tyr Gln Leu
1 5 10

<210> 22473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22473
Gln Pro Thr Pro Thr Thr Gln Pro Ser Tyr
1 5 10

<210> 22474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22474
His Gln Ile Lys Gln Glu Phe Cys Arg
1 5

<210> 22475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22475
Gln Glu Phe Cys Arg Gly Thr Glu Ser
1 5

<210> 22476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22476
Gln Glu Phe Cys Arg Gly Thr Glu Ser Leu
1 5 10

<210> 22477
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22477
Met Gln Ala Lys Gly Ile Pro Gln Met
1 5

<210> 22478
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22478
Gly Ile Pro Gln Met Ala Pro Pro Lys
1 5

<210> 22479
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22479
Met Ala Pro Pro Lys Arg Lys Arg Lys
1 5

<210> 22480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22480
Gln Met Ala Pro Pro Lys Arg Lys Arg
1 5

<210> 22481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22481
Met Gln Ala Lys Gly Ile Pro Gln Met Ala
1 5 10

<210> 22482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22482
Lys Gly Ile Pro Gln Met Ala Pro Pro Lys
1 5 10

<210> 22483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22483
Gln Met Ala Pro Pro Lys Arg Lys Arg Lys
1 5 10

<210> 22484
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22484
Met Ala Pro Pro Lys Arg Lys Arg Lys Arg
1 5 10

<210> 22485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22485
Glu Met Gln Ala Lys Gly Ile Pro Gln Met
1 5 10

<210> 22486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22486
Arg Ala Lys Gln Arg Ile Asn Thr Tyr
1 5

<210> 22487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22487
Arg Ala Lys Gln Arg Ile Asn Thr Tyr Val
1 5 10

<210> 22488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22488
Lys Arg Ala Lys Gln Arg Ile Asn Thr Tyr
1 5 10

<210> 22489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22489
Ala Lys Gln Arg Ile Asn Thr Tyr Val Phe
1 5 10

<210> 22490
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22490
Ser Gln Asn Leu Ser Thr Pro Pro Leu
1 5

<210> 22491
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22491
Lys Lys Glu Glu Ala Ser Gln Asn Leu
1 5

<210> 22492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22492
Ser Gln Asn Leu Ser Thr Pro Pro Leu Arg
1 5 10

<210> 22493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22493
Gly Lys Lys Glu Glu Ala Ser Gln Asn Leu
1 5 10

<210> 22494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22494
Ala Ser Gln Asn Leu Ser Thr Pro Pro Leu
1 5 10

<210> 22495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22495
Lys Glu Glu Ala Ser Gln Asn Leu Ser Thr
1 5 10

<210> 22496
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22496
Asn Ile Tyr Lys Glu Gly Asn Leu Val
1 5

<210> 22497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22497
Ile Tyr Lys Glu Gly Asn Leu Val Ile
1 5

<210> 22498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22498
Leu Val Ile Gln Gln Ala Gly Lys Asn Met
1 5 10

<210> 22499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22499
Lys Glu Gly Asn Leu Val Ile Gln Gln Ala
1 5 10

<210> 22500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22500
Leu Glu Ser Asp Asn Leu Cys His Tyr
1 5

<210> 22501
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22501
Cys His Tyr Asp Phe Val Asp Val Tyr
1 5

<210> 22502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22502
Ser Asp Asn Leu Cys His Tyr Asp Phe
1 5

<210> 22503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22503
Glu Ser Asp Asn Leu Cys His Tyr Asp Phe
1 5 10

<210> 22504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22504
Asn Leu Cys His Tyr Asp Phe Val Asp Val
1 5 10

<210> 22505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22505
Leu Cys His Tyr Asp Phe Val Asp Val Tyr
1 5 10

<210> 22506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22506
Lys Phe Arg Arg Phe Gln Lys Arg Lys Arg
1 5 10

<210> 22507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22507
His Ala Ala Asp Val Ala Gln Leu Thr
1 5

<210> 22508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22508
Asp Val Ala Gln Leu Thr His Val Leu
1 5

<210> 22509
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22509

Leu His Ala Ala Asp Val Ala Gln Leu
1 5

<210> 22510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22510
Ala Gln Leu Thr His Val Leu Leu Ser
1 5

<210> 22511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22511
Ser Leu His Ala Ala Asp Val Ala Gln Leu
1 5 10

<210> 22512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22512
Asp Val Ala Gln Leu Thr His Val Leu Leu
1 5 10

<210> 22513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22513
Leu Thr His Val Leu Leu Ser Thr Pro Ala
1 5 10

<210> 22514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22514
His Ala Ala Asp Val Ala Gln Leu Thr His
1 5 10

<210> 22515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22515
Ala Asp Val Ala Gln Leu Thr His Val Leu
1 5 10

<210> 22516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22516
Ala Gln Leu Thr His Val Leu Leu Ser Thr
1 5 10

<210> 22517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22517
Lys Thr Ile Val Val Thr Cys Ala Val
1 5

<210> 22518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22518
Thr Val Tyr Lys Ser Gly Lys Thr Ile
1 5

<210> 22519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22519
Tyr Lys Ser Gly Lys Thr Ile Val Val
1 5

<210> 22520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22520
Ala Leu Lys Thr Val Tyr Lys Ser Gly Lys
1 5 10

<210> 22521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22521
Lys Thr Ile Val Val Thr Cys Ala Val Phe
1 5 10

<210> 22522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22522
Lys Thr Val Tyr Lys Ser Gly Lys Thr Ile
1 5 10

<210> 22523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22523
Thr Val Tyr Lys Ser Gly Lys Thr Ile Val
1 5 10

<210> 22524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22524
Tyr Lys Ser Gly Lys Thr Ile Val Val Thr
1 5 10

<210> 22525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22525
Lys Gln Ala Leu Met Leu Glu Leu Lys
1 5

<210> 22526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22526
Glu Lys Gln Ala Leu Met Leu Glu Leu

1 5

<210> 22527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22527
Ala Leu Met Leu Glu Leu Lys Ile Met
1 5

<210> 22528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22528
Leu Glu Leu Lys Ile Met Ser His Leu
1 5

<210> 22529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22529
Met Leu Glu Leu Lys Ile Met Ser His Leu
1 5 10

<210> 22530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22530
Arg Ser Ser Glu Lys Gln Ala Leu Met Leu
1 5 10

<210> 22531

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22531
Ser Glu Lys Gln Ala Leu Met Leu Glu Leu
1 5 10

<210> 22532
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22532
Lys Gln Ala Leu Met Leu Glu Leu Lys Ile
1 5 10

<210> 22533
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22533
Leu Met Leu Glu Leu Lys Ile Met Ser His
1 5 10

<210> 22534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22534
Thr Met Ala Lys Ala Pro Gly Leu Val
1 5

<210> 22535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22535
Met Tyr Pro Ser Thr Thr Met Ala Lys
1 5

<210> 22536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22536
Thr Thr Met Ala Lys Ala Pro Gly Leu
1 5

<210> 22537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22537
Tyr Pro Ser Thr Thr Met Ala Lys Ala
1 5

<210> 22538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22538
Thr Thr Met Ala Lys Ala Pro Gly Leu Val
1 5 10

<210> 22539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22539
Ile Met Tyr Pro Ser Thr Thr Met Ala Lys
1 5 10

<210> 22540
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22540
Met Tyr Pro Ser Thr Thr Met Ala Lys Ala
1 5 10

<210> 22541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22541
Lys Ala Pro Gly Leu Val Ser Cys Thr Phe
1 5 10

<210> 22542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22542
His Ile Lys Thr Lys Ile Glu Asp Lys
1 5

<210> 22543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22543
Ile Glu Asp Lys Asp Glu Leu Leu Ser Val
1 5 10

<210> 22544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22544
Glu Pro Ile Tyr Arg Asn Trp Gln Tyr
1 5

<210> 22545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22545
Trp Gln Tyr Val Gly Lys Thr Thr Ser
1 5

<210> 22546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22546
Trp Trp Gly Glu Pro Ile Tyr Arg Asn Trp
1 5 10

<210> 22547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22547
Ile Tyr Arg Asn Trp Gln Tyr Val Gly Lys
1 5 10

<210> 22548
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22548
Glu Pro Ile Tyr Arg Asn Trp Gln Tyr Val
1 5 10

<210> 22549
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22549
Trp Gln Tyr Val Gly Lys Thr Thr Ser Ser
1 5 10

<210> 22550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22550
Gln Glu Ser Pro Gly Gly Phe Glu Ala
1 5

<210> 22551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22551
Gly Gln Glu Ser Pro Gly Gly Phe Glu Ala
1 5 10

<210> 22552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22552
Tyr Pro Lys Arg Ser Ser Glu Val Ala Trp
1 5 10

<210> 22553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22553
Val Ala Trp Glu Gly Asp Gly Asp Ser Met
1 5 10

<210> 22554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22554
Ile Val Lys Lys Ser Thr Ser Ser Leu
1 5

<210> 22555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22555
Thr Ser Ser Leu Ser Thr Thr Gln Val
1 5

<210> 22556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22556
Lys Lys Ser Thr Ser Ser Leu Ser Thr
1 5

<210> 22557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22557
His Ile Val Lys Lys Ser Thr Ser Ser Leu
1 5 10

<210> 22558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22558
Ser Thr Ser Ser Leu Ser Thr Thr Gln Val
1 5 10

<210> 22559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22559
Ile Val Lys Lys Ser Thr Ser Ser Leu Ser
1 5 10

<210> 22560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22560
Lys Lys Ser Thr Ser Ser Leu Ser Thr Thr
1 5 10

<210> 22561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22561
Arg Glu Glu Trp Glu Gly Pro Thr Ala
1 5

<210> 22562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22562
Glu Glu Gln Pro Ser Arg Glu Glu Trp
1 5

<210> 22563
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22563
Glu Glu Trp Glu Gly Pro Thr Ala Gly
1 5

<210> 22564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22564
Glu Glu Asn Pro Pro Gly Ser Cys Ala
1 5

<210> 22565
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22565
Arg Thr Ala Pro Ser Leu Thr Cys Val
1 5

<210> 22566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22566
Gln Met Gly Phe Phe Ile Leu Gln Leu
1 5

<210> 22567
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22567
Val Leu Val Met His Pro Arg Gly Ala
1 5

<210> 22568
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22568
Met Gly Phe Phe Ile Leu Gln Leu Arg
1 5

<210> 22569
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22569
Gly Ala Arg Ser Leu Ser Val Glu Met
1 5

<210> 22570
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22570
Lys Val Arg Pro Thr Ser Cys Arg Thr
1 5

<210> 22571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22571
Ser Pro Gly Ser Gly Ala Arg Ser Leu
1 5

<210> 22572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22572
Arg Pro Thr Ser Cys Arg Thr Ala Pro
1 5

<210> 22573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22573

Val Met His Pro Arg Gly Ala Ser Pro
1 5

<210> 22574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22574
Ser Ser Gly Glu Gln Gln Met Gly Phe
1 5

<210> 22575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22575
Gly Glu Gln Gln Met Gly Phe Phe Ile
1 5

<210> 22576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22576
Glu Gln Gln Met Gly Phe Phe Ile Leu
1 5

<210> 22577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22577
Arg Pro Ser Asn Glu Glu Ser Trp Trp
1 5

<210> 22578
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22578
Gln Gln Met Gly Phe Phe Ile Leu Gln Leu
1 5 10

<210> 22579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22579
Val Met His Pro Arg Gly Ala Ser Pro Arg
1 5 10

<210> 22580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22580
Ser Val Glu Met Cys Thr Pro Cys Glu Lys
1 5 10

<210> 22581
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22581
Gln Met Gly Phe Phe Ile Leu Gln Leu Arg
1 5 10

<210> 22582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22582
Arg Ser Pro Ser Pro Gly Ser Gly Ala Arg
1 5 10

<210> 22583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22583
Lys Val Arg Pro Thr Ser Cys Arg Thr Ala
1 5 10

<210> 22584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22584
Trp Trp Lys Val Arg Pro Thr Ser Cys Arg
1 5 10

<210> 22585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22585
His Pro Arg Gly Ala Ser Pro Arg Ser Pro
1 5 10

<210> 22586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22586
Arg Pro Thr Ser Cys Arg Thr Ala Pro Ser
1 5 10

<210> 22587
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22587
Ala Pro Ser Leu Thr Cys Val Gly Pro Leu
1 5 10

<210> 22588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22588
Gly Pro Leu Ser Ser Gly Glu Gln Gln Met
1 5 10

<210> 22589
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22589
Ser Gly Ala Arg Ser Leu Ser Val Glu Met
1 5 10

<210> 22590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22590
Leu Ser Ser Gly Glu Gln Gln Met Gly Phe

1 5 10

<210> 22591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22591
Gly Glu Gln Gln Met Gly Phe Phe Ile Leu
1 5 10

<210> 22592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22592
Glu Glu Ser Trp Trp Lys Val Arg Pro Thr
1 5 10

<210> 22593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22593
Lys Leu Gly Gln Ile Ile Met Lys Lys
1 5

<210> 22594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22594
Lys Met Arg Arg Pro Val Cys Tyr Lys
1 5

<210> 22595

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22595
Ile Met Lys Lys Met Arg Arg Pro Val
1 5

<210> 22596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22596
Gln Ile Ile Met Lys Lys Met Arg Arg
1 5

<210> 22597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22597
Met Lys Lys Met Arg Arg Pro Val Cys
1 5

<210> 22598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22598
Gln Lys Lys Leu Gly Gln Ile Ile Met
1 5

<210> 22599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22599
Lys Lys Met Arg Arg Pro Val Cys Tyr
1 5

<210> 22600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22600
Ile Ile Met Lys Lys Met Arg Arg Pro Val
1 5 10

<210> 22601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22601
Lys Lys Met Arg Arg Pro Val Cys Tyr Lys
1 5 10

<210> 22602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22602
Ile Met Lys Lys Met Arg Arg Pro Val Cys
1 5 10

<210> 22603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22603
Asp Gln Lys Lys Leu Gly Gln Ile Ile Met
1 5 10

<210> 22604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22604
Lys Leu Gly Gln Ile Ile Met Lys Lys Met
1 5 10

<210> 22605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22605
Met Lys Lys Met Arg Arg Pro Val Cys Tyr
1 5 10

<210> 22606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22606
Phe Thr Gly Ala Ser Val Phe Phe Val
1 5

<210> 22607
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22607
Ser Val Phe Phe Val His Glu Gly Tyr
1 5

<210> 22608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22608
Ile Phe Thr Gly Ala Ser Val Phe Phe
1 5

<210> 22609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22609
Gly Ile Phe Thr Gly Ala Ser Val Phe
1 5

<210> 22610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22610
Val Gly Ile Phe Thr Gly Ala Ser Val
1 5

<210> 22611
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22611
Arg Val Gly Ile Phe Thr Gly Ala Ser Val
1 5 10

<210> 22612
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22612
Ala Ser Val Phe Phe Val His Glu Gly Tyr
1 5 10

<210> 22613
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22613
Ile Phe Thr Gly Ala Ser Val Phe Phe Val
1 5 10

<210> 22614
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22614
Val Gly Ile Phe Thr Gly Ala Ser Val Phe
1 5 10

<210> 22615
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22615
Gly Ile Phe Thr Gly Ala Ser Val Phe Phe
1 5 10

<210> 22616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22616
Glu Leu Met Pro His Thr Phe Ser Lys
1 5

<210> 22617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22617
Gly Ser Arg Pro Glu Leu Met Pro His
1 5

<210> 22618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22618
His Thr Phe Ser Lys Ser Pro Ser Thr
1 5

<210> 22619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22619
Tyr Leu Ala Asn Met Gly Gly Ser Arg
1 5

<210> 22620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22620
Ser Thr Ser Gly Ile Cys Ser Pro Thr
1 5

<210> 22621
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22621
Arg Pro Glu Leu Met Pro His Thr Phe
1 5

<210> 22622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22622
Asn Met Gly Gly Ser Arg Pro Glu Leu
1 5

<210> 22623
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22623
Ser Lys Ser Pro Ser Thr Ser Gly Ile
1 5

<210> 22624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22624
Thr Ser Gly Ile Cys Ser Pro Thr Trp
1 5

<210> 22625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22625
Met Pro His Thr Phe Ser Lys Ser Pro Ser
1 5 10

<210> 22626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22626
Ala Asn Met Gly Gly Ser Arg Pro Glu Leu
1 5 10

<210> 22627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22627
Asn Met Gly Gly Ser Arg Pro Glu Leu Met
1 5 10

<210> 22628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22628
Ser Arg Pro Glu Leu Met Pro His Thr Phe
1 5 10

<210> 22629
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22629
Phe Ser Lys Ser Pro Ser Thr Ser Gly Ile
1 5 10

<210> 22630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22630
Ser Thr Ser Gly Ile Cys Ser Pro Thr Trp
1 5 10

<210> 22631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22631
Thr Val His Lys Ala Met Glu Ala Val
1 5

<210> 22632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22632
Glu Thr Val His Lys Ala Met Glu Ala
1 5

<210> 22633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22633
His Lys Ala Met Glu Ala Val Ala Ala
1 5

<210> 22634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22634
Asp Glu Glu Thr Val His Lys Ala Met
1 5

<210> 22635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22635
Glu Thr Val His Lys Ala Met Glu Ala Val
1 5 10

<210> 22636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22636
Glu Glu Thr Val His Lys Ala Met Glu Ala
1 5 10

<210> 22637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22637

Thr His Val Ala Leu Cys Lys Met Tyr
1 5

<210> 22638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22638
Asn Thr His Val Ala Leu Cys Lys Met Tyr
1 5 10

<210> 22639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22639
His Trp Ala Lys Phe Gly Pro Pro Leu
1 5

<210> 22640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22640
Ala Lys Phe Gly Pro Pro Leu Leu Leu
1 5

<210> 22641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22641
His Trp Ala Lys Phe Gly Pro Pro Leu Leu
1 5 10

<210> 22642
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22642
Lys Phe Gly Pro Pro Leu Leu Leu Gln Val
1 5 10

<210> 22643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22643
Arg Leu Ile Ile Gly Gln Asn Gly Val
1 5

<210> 22644
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22644
Val Leu Ser Thr Pro Ala Val Ser Cys Ile
1 5 10

<210> 22645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22645
Arg Leu Ile Ile Gly Gln Asn Gly Val Leu
1 5 10

<210> 22646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22646
Gly Gln Asn Gly Val Leu Ser Thr Pro Ala
1 5 10

<210> 22647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22647
Ser Gln Arg Glu Leu Thr Gly Gly Leu
1 5

<210> 22648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22648
Ala Ser Leu Leu Gly Arg Ala Leu Lys
1 5

<210> 22649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22649
Arg Ala Leu Lys Ser His His Pro Gly
1 5

<210> 22650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22650
Lys Ser His His Pro Gly Asn Ala Gly
1 5

<210> 22651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22651
Lys Ala Gln Ala Gln Ser Pro Val Arg
1 5

<210> 22652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22652
Gln Ala Gln Ser Pro Val Arg Arg Lys
1 5

<210> 22653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22653
Gly Lys Ala Gln Ala Gln Ser Pro Val
1 5

<210> 22654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22654
Ala Gln Ser Pro Val Arg Arg Lys Leu

1 5

<210> 22655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22655
Arg Lys Leu Asn His Gly Pro Ser Ser
1 5

<210> 22656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22656
Arg Glu Leu Thr Gly Gly Leu Leu Leu
1 5

<210> 22657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22657
Ala Leu Lys Ser His His Pro Gly Asn Ala
1 5 10

<210> 22658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22658
Lys Leu Asn His Gly Pro Ser Ser Gln Arg
1 5 10

<210> 22659

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22659
Lys Ser His His Pro Gly Asn Ala Gly Arg
1 5 10

<210> 22660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22660
Lys Ala Gln Ala Gln Ser Pro Val Arg Arg
1 5 10

<210> 22661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22661
Ala Gln Ala Gln Ser Pro Val Arg Arg Lys
1 5 10

<210> 22662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22662
Ser Gln Arg Glu Leu Thr Gly Gly Leu Leu
1 5 10

<210> 22663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22663
Ala Leu Pro Asp Pro Ala Pro Ala Ala
1 5

<210> 22664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22664
Ala Val Arg Gln Pro Arg Pro Ala Pro
1 5

<210> 22665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22665
Arg Gln Pro Arg Pro Ala Pro Pro Leu
1 5

<210> 22666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22666
Met Ile Cys Met Pro Val Gly Gly Ala
1 5

<210> 22667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22667
Met Pro Val Gly Gly Ala Arg Pro Leu
1 5

<210> 22668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22668
Gly Ala Arg Pro Leu Thr Gly Val Leu
1 5

<210> 22669
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22669
Gly Pro Ala Pro Pro His Cys Pro Ala
1 5

<210> 22670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22670
Leu Pro Asp Pro Ala Pro Ala Ala Val
1 5

<210> 22671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22671
Leu Pro Pro His Ala Pro Leu Gly Leu
1 5

<210> 22672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22672
His Arg Leu Pro Pro His Ala Pro Leu
1 5

<210> 22673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22673
Ala Gln Gln Asn Ala Gly His Asp His
1 5

<210> 22674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22674
Trp Pro Ala Gly Cys Gly Pro Ala Pro
1 5

<210> 22675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22675
Val Met Ile Cys Met Pro Val Gly Gly Ala
1 5 10

<210> 22676
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22676
Val Leu His Ser Pro Glu Glu Trp Pro Ala
1 5 10

<210> 22677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22677
Ala Leu Pro Asp Pro Ala Pro Ala Ala Val
1 5 10

<210> 22678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22678
Arg Leu Pro Pro His Ala Pro Leu Gly Leu
1 5 10

<210> 22679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22679
Cys Met Pro Val Gly Gly Ala Arg Pro Leu
1 5 10

<210> 22680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22680
Met Ile Cys Met Pro Val Gly Gly Ala Arg
1 5 10

<210> 22681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22681
Gly Ala Arg Pro Leu Thr Gly Val Leu His
1 5 10

<210> 22682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22682
Ala Val Arg Gln Pro Arg Pro Ala Pro Pro
1 5 10

<210> 22683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22683
Ala Gly His Asp His Ala Glu Ala Gly Lys
1 5 10

<210> 22684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22684
Met Pro Val Gly Gly Ala Arg Pro Leu Thr
1 5 10

<210> 22685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22685
Gly Pro Ala Pro Pro His Cys Pro Ala Leu
1 5 10

<210> 22686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22686
Cys Pro Ala Leu Pro Asp Pro Ala Pro Ala
1 5 10

<210> 22687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22687
Arg Pro Ala Pro Pro Leu His His Arg Leu
1 5 10

<210> 22688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22688
His His Arg Leu Pro Pro His Ala Pro Leu
1 5 10

<210> 22689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22689
Glu Glu Trp Pro Ala Gly Cys Gly Pro Ala
1 5 10

<210> 22690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22690
Val Arg Gln Pro Arg Pro Ala Pro Pro Leu
1 5 10

<210> 22691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22691
Arg Gln Pro Arg Pro Ala Pro Pro Leu His
1 5 10

<210> 22692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22692
Ala Gln Gln Asn Ala Gly His Asp His Ala
1 5 10

<210> 22693
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22693
Trp Pro Ala Gly Cys Gly Pro Ala Pro Pro
1 5 10

<210> 22694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22694
Arg Val Trp Pro Ser Thr Thr Thr Leu
1 5

<210> 22695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22695
Thr Thr Thr Leu Ser Cys Pro Pro Arg
1 5

<210> 22696
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22696
Arg Val Ala Ser Arg Val Trp Pro Ser
1 5

<210> 22697
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22697
Ala Ser Arg Val Trp Pro Ser Thr Thr
1 5

<210> 22698
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22698
Arg Ser Ser Thr Ser Cys Ser Thr Ala
1 5

<210> 22699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22699
His Trp Cys Pro Thr Gln Pro Arg Arg
1 5

<210> 22700
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22700
Thr Gln Pro Arg Arg Val Ala Ser Arg
1 5

<210> 22701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22701

Cys Pro Thr Gln Pro Arg Arg Val Ala
1 5

<210> 22702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22702
Gln Pro Arg Arg Val Ala Ser Arg Val
1 5

<210> 22703
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22703
Trp Pro Ser Thr Thr Thr Leu Ser Cys
1 5

<210> 22704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22704
Gly Gln Thr Ser His Trp Cys Pro Thr
1 5

<210> 22705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22705
Ser Arg Val Trp Pro Ser Thr Thr Thr
1 5

<210> 22706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22706
Met Pro Val Gly Gly Gln Thr Ser His
1 5

<210> 22707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22707
Thr Ser His Trp Cys Pro Thr Gln Pro Arg
1 5 10

<210> 22708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22708
Ser Thr Thr Thr Leu Ser Cys Pro Pro Arg
1 5 10

<210> 22709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22709
Arg Val Ala Ser Arg Val Trp Pro Ser Thr
1 5 10

<210> 22710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22710
Ala Ser Arg Val Trp Pro Ser Thr Thr Thr
1 5 10

<210> 22711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22711
Arg Ser Ser Thr Ser Cys Ser Thr Ala Ala
1 5 10

<210> 22712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22712
Ser Thr Ser Cys Ser Thr Ala Ala Thr Ala
1 5 10

<210> 22713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22713
Pro Thr Gln Pro Arg Arg Val Ala Ser Arg
1 5 10

<210> 22714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22714
Cys Pro Thr Gln Pro Arg Arg Val Ala Ser
1 5 10

<210> 22715
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22715
Gln Pro Arg Arg Val Ala Ser Arg Val Trp
1 5 10

<210> 22716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22716
Ala Pro Ser Pro Cys Thr Pro Arg Ala Ala
1 5 10

<210> 22717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22717
Met Pro Val Gly Gly Gln Thr Ser His Trp
1 5 10

<210> 22718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22718
Ser Arg Val Trp Pro Ser Thr Thr Thr Leu

1 5 10

<210> 22719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22719
Ser Ser His Ser Lys Lys Asn Asn Trp Leu
1 5 10

<210> 22720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22720
Cys Leu Leu Ile Tyr Leu Gln Ser Leu
1 5

<210> 22721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22721
Tyr Leu Gln Ser Leu His Ala Pro Leu
1 5

<210> 22722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22722
Ser Leu His Ala Pro Leu His Ser Leu
1 5

<210> 22723

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22723
Arg Leu Phe Lys Leu Cys Gln Lys Leu
1 5

<210> 22724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22724
Leu Ile Tyr Leu Gln Ser Leu His Ala
1 5

<210> 22725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22725
Arg Ser Pro Ser Pro His Cys Leu Leu
1 5

<210> 22726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22726
Leu His Ser Leu Leu Arg Leu Phe Lys
1 5

<210> 22727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22727
His Ala Pro Leu His Ser Leu Leu Arg
1 5

<210> 22728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22728
Ser Pro Ser Pro His Cys Leu Leu Ile
1 5

<210> 22729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22729
Ser Pro His Cys Leu Leu Ile Tyr Leu
1 5

<210> 22730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22730
Ala Pro Leu His Ser Leu Leu Arg Leu
1 5

<210> 22731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22731
Leu Gln Ser Leu His Ala Pro Leu His
1 5

<210> 22732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22732
Leu His Ala Pro Leu His Ser Leu Leu
1 5

<210> 22733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22733
Phe Lys Leu Cys Gln Lys Leu Ser Phe
1 5

<210> 22734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22734
Leu Leu Ile Tyr Leu Gln Ser Leu His Ala
1 5 10

<210> 22735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22735
Ser Leu His Ala Pro Leu His Ser Leu Leu
1 5 10

<210> 22736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22736
Pro Leu His Ser Leu Leu Arg Leu Phe Lys
1 5 10

<210> 22737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22737
Leu Leu Arg Leu Phe Lys Leu Cys Gln Lys
1 5 10

<210> 22738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22738
Arg Ser Pro Ser Pro His Cys Leu Leu Ile
1 5 10

<210> 22739
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22739
Ile Tyr Leu Gln Ser Leu His Ala Pro Leu
1 5 10

<210> 22740
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22740
Leu Phe Lys Leu Cys Gln Lys Leu Ser Phe
1 5 10

<210> 22741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22741
Ser Pro Ser Pro His Cys Leu Leu Ile Tyr
1 5 10

<210> 22742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22742
Ser Pro Arg Ser Pro Ser Pro His Cys Leu
1 5 10

<210> 22743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22743
Ala Pro Leu His Ser Leu Leu Arg Leu Phe
1 5 10

<210> 22744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22744
Tyr Leu Gln Ser Leu His Ala Pro Leu His
1 5 10

<210> 22745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22745
Gln Ser Leu His Ala Pro Leu His Ser Leu
1 5 10

<210> 22746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22746
Thr Thr Ser Ser Thr Thr Thr Thr Ile
1 5

<210> 22747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22747
Thr Thr Thr Ser Ser Thr Thr Thr Thr Ile
1 5 10

<210> 22748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22748
Lys Thr Ile Leu Tyr Asp Pro Ile Ile
1 5

<210> 22749
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22749
Ser Phe Gly Met Lys Thr Ile Leu Tyr
1 5

<210> 22750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22750
Gln Ser Phe Gly Met Lys Thr Ile Leu
1 5

<210> 22751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22751
Met Lys Thr Ile Leu Tyr Asp Pro Ile
1 5

<210> 22752
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22752
Gly Met Lys Thr Ile Leu Tyr Asp Pro Ile
1 5 10

<210> 22753
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22753
Gln Ser Phe Gly Met Lys Thr Ile Leu Tyr
1 5 10

<210> 22754
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22754
Leu Tyr Asp Pro Ile Ile Ser Pro Glu Val
1 5 10

<210> 22755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22755
Met Gln Ser Phe Gly Met Lys Thr Ile Leu
1 5 10

<210> 22756
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22756
Met Lys Thr Ile Leu Tyr Asp Pro Ile Ile
1 5 10

<210> 22757
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22757
Glu Gln Asn Asn Val His Pro Met Arg
1 5

<210> 22758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22758
Asn Val His Pro Met Arg Asp Glu Val
1 5

<210> 22759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22759
Leu Glu Gln Asn Asn Val His Pro Met
1 5

<210> 22760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22760
His Pro Met Arg Asp Glu Val Leu Pro Ser
1 5 10

<210> 22761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22761
Ser Leu Ala Pro Ser Ser Ser Ser Cys
1 5

<210> 22762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22762
Ser Leu Ala Pro Ser Ser Ser Ser Cys Cys
1 5 10

<210> 22763
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22763
Leu Leu Cys Glu Ala Ser Thr Phe Val
1 5

<210> 22764
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22764
Ser Leu Leu Cys Glu Ala Ser Thr Phe
1 5

<210> 22765
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22765

Cys Glu Ala Ser Thr Phe Val Leu Leu
1 5

<210> 22766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22766
Ser Leu Leu Cys Glu Ala Ser Thr Phe Val
1 5 10

<210> 22767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22767
Leu Leu Cys Glu Ala Ser Thr Phe Val Leu
1 5 10

<210> 22768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22768
Phe Ser Leu Leu Cys Glu Ala Ser Thr Phe
1 5 10

<210> 22769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22769
Ser Val Arg Val Pro Ser Val Thr Leu
1 5

<210> 22770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22770
Ser Val Arg Val Pro Ser Val Thr Leu Val
1 5 10

<210> 22771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22771
Ser Ser Val Arg Val Pro Ser Val Thr Leu
1 5 10

<210> 22772
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22772
Ile Glu Ser Ser Ser Asp Glu Glu Asn Leu
1 5 10

<210> 22773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22773
Lys Arg Glu Val Asp Met His Pro Leu
1 5

<210> 22774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22774
Arg Glu Val Asp Met His Pro Leu Cys
1 5

<210> 22775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22775
Asp Met His Pro Leu Cys Pro Ser Leu
1 5

<210> 22776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22776
His Pro Leu Cys Pro Ser Leu Cys Thr Leu
1 5 10

<210> 22777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22777
Val Asp Met His Pro Leu Cys Pro Ser Leu
1 5 10

<210> 22778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22778
Arg Glu Val Asp Met His Pro Leu Cys Pro
1 5 10

<210> 22779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22779
Arg Leu Cys Asn Leu Ala Val Leu Leu
1 5

<210> 22780
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22780
Asn Leu Ala Val Leu Leu Phe Val Ala
1 5

<210> 22781
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22781
Leu Leu Lys Arg Leu Cys Asn Leu Ala
1 5

<210> 22782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22782
Leu Ala Val Leu Leu Phe Val Ala Val

1 5

<210> 22783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22783
Glu Leu Leu Lys Arg Leu Cys Asn Leu
1 5

<210> 22784
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22784
Leu Lys Arg Leu Cys Asn Leu Ala Val
1 5

<210> 22785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22785
Lys Arg Leu Cys Asn Leu Ala Val Leu
1 5

<210> 22786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22786
Leu Cys Asn Leu Ala Val Leu Leu Phe
1 5

<210> 22787

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22787
Asn Leu Ala Val Leu Leu Phe Val Ala Val
1 5 10

<210> 22788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22788
Leu Leu Lys Arg Leu Cys Asn Leu Ala Val
1 5 10

<210> 22789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22789
Arg Leu Cys Asn Leu Ala Val Leu Leu Phe
1 5 10

<210> 22790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22790
Tyr Glu Leu Leu Lys Arg Leu Cys Asn Leu
1 5 10

<210> 22791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22791
Leu Lys Arg Leu Cys Asn Leu Ala Val Leu
1 5 10

<210> 22792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22792
Lys Arg Leu Cys Asn Leu Ala Val Leu Leu
1 5 10

<210> 22793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22793
Lys Leu Thr Trp Ile Met Trp Ser Leu
1 5

<210> 22794
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22794
Trp Ile Met Trp Ser Leu Lys Ser Thr
1 5

<210> 22795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22795
Leu Thr Trp Ile Met Trp Ser Leu Lys
1 5

<210> 22796
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22796
Ser Leu Lys Ser Thr Asp Thr Cys Arg
1 5

<210> 22797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22797
Thr Pro Phe Ser Gly Pro Pro Leu Leu
1 5

<210> 22798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22798
Leu Leu Lys Leu Thr Trp Ile Met Trp
1 5

<210> 22799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22799
Val Leu Thr Pro Phe Ser Gly Pro Pro Leu
1 5 10

<210> 22800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22800
Lys Leu Thr Trp Ile Met Trp Ser Leu Lys
1 5 10

<210> 22801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22801
Ser Leu Lys Ser Thr Asp Thr Cys Arg Arg
1 5 10

<210> 22802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22802
Leu Lys Leu Thr Trp Ile Met Trp Ser Leu
1 5 10

<210> 22803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22803
Ser Ser Gly Tyr Gly Asn Pro Asn Tyr
1 5

<210> 22804
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22804
Asp Ser Ser Gly Tyr Gly Asn Pro Asn Tyr
1 5 10

<210> 22805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22805
Asn Glu Ala Pro Gln Cys Pro Ser Cys Met
1 5 10

<210> 22806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22806
Leu Val Tyr Thr Leu Phe His Pro Leu
1 5

<210> 22807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22807
Tyr Thr Leu Phe His Pro Leu Pro Arg
1 5

<210> 22808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22808
Ala Glu Cys Asp Leu Val Tyr Thr Leu
1 5

<210> 22809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22809
Asp Leu Val Tyr Thr Leu Phe His Pro Leu
1 5 10

<210> 22810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22810
Leu Phe His Pro Leu Pro Arg Asp Glu Lys
1 5 10

<210> 22811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22811
Val Tyr Thr Leu Phe His Pro Leu Pro Arg
1 5 10

<210> 22812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22812
Ala Glu Cys Asp Leu Val Tyr Thr Leu Phe
1 5 10

<210> 22813
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22813
Thr Met Pro Pro Gln Val Pro Pro Ala
1 5

<210> 22814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22814
Leu Leu His Phe Ala Thr Cys Trp Ile
1 5

<210> 22815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22815
Ala Met Ser Gly Val Leu Ser Pro Leu
1 5

<210> 22816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22816
Arg Leu Ala Arg Thr Ala Gly Phe Leu
1 5

<210> 22817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22817
Phe Leu Gln Pro Arg Trp Ala Pro Gly
1 5

<210> 22818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22818
Leu Leu Pro Met Ala Met Ser Cys Leu
1 5

<210> 22819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22819
Glu Met Arg Arg Leu Leu His Phe Ala
1 5

<210> 22820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22820
Trp Ile Ser Phe Asp Leu Ala Leu Thr
1 5

<210> 22821
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22821
Val Leu Ser Pro Leu Ala Gln Ser Thr
1 5

<210> 22822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22822
Ala Met Ala Thr Glu Arg Met Arg Arg
1 5

<210> 22823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22823
Ala Met Ser Cys Leu Arg Ser Gln Lys
1 5

<210> 22824
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22824
Arg Thr Ala Gly Phe Leu Gln Pro Arg
1 5

<210> 22825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22825
Arg Trp Ala Pro Gly Pro Thr Leu Leu
1 5

<210> 22826
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22826
Arg Glu Met Arg Arg Leu Leu His Phe
1 5

<210> 22827
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22827
His Phe Ala Thr Cys Trp Ile Ser Phe
1 5

<210> 22828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22828
Cys Trp Ile Ser Phe Asp Leu Ala Leu
1 5

<210> 22829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22829

Arg Met Arg Arg Leu Ala Arg Thr Ala
1 5

<210> 22830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22830
Arg Ser Gln Lys Arg Glu Met Arg Arg
1 5

<210> 22831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22831
Thr Ser Lys Thr Thr Ser Ser Leu Ala
1 5

<210> 22832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22832
Leu Pro Met Ala Met Ser Cys Leu Arg
1 5

<210> 22833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22833
Met Ser Cys Leu Arg Ser Gln Lys Arg
1 5

<210> 22834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22834
Leu Thr Ser Lys Thr Thr Ser Ser Leu
1 5

<210> 22835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22835
Thr Ser Ser Leu Ala Met Ser Gly Val
1 5

<210> 22836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22836
Pro Pro Gln Val Pro Pro Ala Pro Met
1 5

<210> 22837
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22837
Val Pro Pro Ala Pro Met Pro Pro Ala
1 5

<210> 22838
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22838
Pro Pro Ala Pro Met Pro Pro Ala Met
1 5

<210> 22839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22839
Ala Pro Met Pro Pro Ala Met Ala Thr
1 5

<210> 22840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22840
Gln Pro Arg Trp Ala Pro Gly Pro Thr
1 5

<210> 22841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22841
Ala Pro Gly Pro Thr Leu Leu Pro Met
1 5

<210> 22842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22842
Gly Pro Thr Leu Leu Pro Met Ala Met
1 5

<210> 22843
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22843
Met Ala Thr Glu Arg Met Arg Arg Leu
1 5

<210> 22844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22844
Cys Leu Arg Ser Gln Lys Arg Glu Met
1 5

<210> 22845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22845
Arg Arg Leu Ala Arg Thr Ala Gly Phe
1 5

<210> 22846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22846
Pro Arg Trp Ala Pro Gly Pro Thr Leu

1 5

<210> 22847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22847
Ser Gln Lys Arg Glu Met Arg Arg Leu
1 5

<210> 22848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22848
Gln Lys Arg Glu Met Arg Arg Leu Leu
1 5

<210> 22849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22849
Arg Leu Leu His Phe Ala Thr Cys Trp
1 5

<210> 22850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22850
Ser Lys Thr Thr Ser Ser Leu Ala Met
1 5

<210> 22851

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22851
Ser Ser Leu Ala Met Ser Gly Val Leu
1 5

<210> 22852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22852
Leu Ala Met Ser Gly Val Leu Ser Pro
1 5

<210> 22853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22853
Thr Leu Leu Pro Met Ala Met Ser Cys Leu
1 5 10

<210> 22854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22854
Arg Leu Leu His Phe Ala Thr Cys Trp Ile
1 5 10

<210> 22855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22855
Leu Ala Met Ser Gly Val Leu Ser Pro Leu
1 5 10

<210> 22856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22856
Ala Met Ser Gly Val Leu Ser Pro Leu Ala
1 5 10

<210> 22857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22857
Lys Thr Met Pro Pro Gln Val Pro Pro Ala
1 5 10

<210> 22858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22858
Ala Met Ala Thr Glu Arg Met Arg Arg Leu
1 5 10

<210> 22859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22859
Ala Leu Thr Ser Lys Thr Thr Ser Ser Leu
1 5 10

<210> 22860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22860
Thr Thr Ser Ser Leu Ala Met Ser Gly Val
1 5 10

<210> 22861
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22861
Met Ala Met Ser Cys Leu Arg Ser Gln Lys
1 5 10

<210> 22862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22862
Ile Ser Phe Asp Leu Ala Leu Thr Ser Lys
1 5 10

<210> 22863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22863
Ala Thr Glu Arg Met Arg Arg Leu Ala Arg
1 5 10

<210> 22864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22864
Arg Met Arg Arg Leu Ala Arg Thr Ala Gly
1 5 10

<210> 22865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22865
Cys Leu Arg Ser Gln Lys Arg Glu Met Arg
1 5 10

<210> 22866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22866
Arg Ser Gln Lys Arg Glu Met Arg Arg Leu
1 5 10

<210> 22867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22867
Ser Gln Lys Arg Glu Met Arg Arg Leu Leu
1 5 10

<210> 22868
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22868
Thr Ser Lys Thr Thr Ser Ser Leu Ala Met
1 5 10

<210> 22869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22869
Arg Thr Ala Gly Phe Leu Gln Pro Arg Trp
1 5 10

<210> 22870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22870
Leu Leu Pro Met Ala Met Ser Cys Leu Arg
1 5 10

<210> 22871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22871
Ala Met Ser Cys Leu Arg Ser Gln Lys Arg
1 5 10

<210> 22872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22872
Gln Val Pro Pro Ala Pro Met Pro Pro Ala
1 5 10

<210> 22873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22873
Phe Ala Thr Cys Trp Ile Ser Phe Asp Leu
1 5 10

<210> 22874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22874
Leu Thr Ser Lys Thr Thr Ser Ser Leu Ala
1 5 10

<210> 22875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22875
Met Pro Pro Gln Val Pro Pro Ala Pro Met
1 5 10

<210> 22876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22876
Val Pro Pro Ala Pro Met Pro Pro Ala Met
1 5 10

<210> 22877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22877
Met Pro Pro Ala Met Ala Thr Glu Arg Met
1 5 10

<210> 22878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22878
Gln Pro Arg Trp Ala Pro Gly Pro Thr Leu
1 5 10

<210> 22879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22879
Ser Pro Leu Ala Gln Ser Thr Ser Gly Met
1 5 10

<210> 22880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22880
Met Arg Arg Leu Ala Arg Thr Ala Gly Phe
1 5 10

<210> 22881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22881
Glu Met Arg Arg Leu Leu His Phe Ala Thr
1 5 10

<210> 22882
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22882
Arg Arg Leu Ala Arg Thr Ala Gly Phe Leu
1 5 10

<210> 22883
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22883
Trp Ala Pro Gly Pro Thr Leu Leu Pro Met
1 5 10

<210> 22884
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22884
Lys Arg Glu Met Arg Arg Leu Leu His Phe
1 5 10

<210> 22885
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22885
Arg Glu Met Arg Arg Leu Leu His Phe Ala
1 5 10

<210> 22886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22886
Arg Arg Leu Leu His Phe Ala Thr Cys Trp
1 5 10

<210> 22887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22887
Leu His Phe Ala Thr Cys Trp Ile Ser Phe
1 5 10

<210> 22888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22888
Ala Gln Ser Thr Ser Gly Met Arg Ser Thr
1 5 10

<210> 22889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22889
Leu Pro Met Ala Met Ser Cys Leu Arg Ser
1 5 10

<210> 22890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22890
Ile Leu Cys Ala Thr Tyr Val Lys Val
1 5

<210> 22891
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22891
Lys Ile Leu Cys Ala Thr Tyr Val Lys
1 5

<210> 22892
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22892
Lys Val Asn Ile Arg Asp Ile Asp Lys
1 5

<210> 22893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22893

Ala Thr Tyr Val Lys Val Asn Ile Arg
1 5

<210> 22894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22894
Lys Ile Leu Cys Ala Thr Tyr Val Lys Val
1 5 10

<210> 22895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22895
Thr Tyr Val Lys Val Asn Ile Arg Asp Ile
1 5 10

<210> 22896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22896
Cys Ala Thr Tyr Val Lys Val Asn Ile Arg
1 5 10

<210> 22897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22897
Tyr Val Asn Val Asn Ile Arg Gly Ile
1 5

<210> 22898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22898
Asn Val Asn Ile Arg Gly Ile Asp Lys
1 5

<210> 22899
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22899
Asn Ile Arg Gly Ile Asp Lys Ile Tyr
1 5

<210> 22900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22900
Thr Tyr Val Asn Val Asn Ile Arg Gly Ile
1 5 10

<210> 22901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22901
Val Asn Ile Arg Gly Ile Asp Lys Ile Tyr
1 5 10

<210> 22902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22902
Val Thr Leu Glu Cys Leu His Glu Ala
1 5

<210> 22903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22903
Leu Glu Cys Leu His Glu Ala Thr Leu
1 5

<210> 22904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22904
Cys Leu His Glu Ala Thr Leu Ile Thr Ile
1 5 10

<210> 22905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22905
His Glu Ala Thr Leu Ile Thr Ile Lys His
1 5 10

<210> 22906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22906
Leu Glu Cys Leu His Glu Ala Thr Leu Ile
1 5 10

<210> 22907
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22907
Ile Val Thr Leu Glu Cys Leu Arg Lys
1 5

<210> 22908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22908
Leu Arg Lys Ala Thr Leu Ile Thr Ile
1 5

<210> 22909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22909
Leu Glu Cys Leu Arg Lys Ala Thr Leu
1 5

<210> 22910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22910
Cys Leu Arg Lys Ala Thr Leu Ile Thr Ile

1 5 10

<210> 22911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22911
Met Ile Val Thr Leu Glu Cys Leu Arg Lys
1 5 10

<210> 22912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22912
Arg Lys Ala Thr Leu Ile Thr Ile Lys His
1 5 10

<210> 22913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22913
Leu Glu Cys Leu Arg Lys Ala Thr Leu Ile
1 5 10

<210> 22914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22914
Lys Glu Glu His Arg Pro Leu Ala Trp
1 5

<210> 22915

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22915
Gly Ala Lys Glu Glu His Arg Pro Leu Ala
1 5 10

<210> 22916
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22916
Arg Pro Leu Ala Trp Gly Asn Ile Asn Leu
1 5 10

<210> 22917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22917
Ala Lys Glu Glu His Arg Pro Leu Ala Trp
1 5 10

<210> 22918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22918
Ala Leu Asn Leu Trp Leu Asn Pro Ile
1 5

<210> 22919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22919
Asn Leu Trp Leu Asn Pro Ile Gly Val
1 5

<210> 22920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22920
Gly Lys Met Ala Leu Asn Leu Trp Leu
1 5

<210> 22921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22921
Met Ala Leu Asn Leu Trp Leu Asn Pro Ile
1 5 10

<210> 22922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22922
Gly Leu Lys Asp Leu Leu Asn Pro Ile
1 5

<210> 22923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22923
Leu Trp Pro Val Pro His Gly Leu Lys
1 5

<210> 22924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22924
Val Pro His Gly Leu Lys Asp Leu Leu
1 5

<210> 22925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22925
Asn Leu Trp Pro Val Pro His Gly Leu Lys
1 5 10

<210> 22926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22926
Trp Pro Val Pro His Gly Leu Lys Asp Leu
1 5 10

<210> 22927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22927
His Gly Leu Lys Asp Leu Leu Asn Pro Ile
1 5 10

<210> 22928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22928
Gly Leu Glu Asp Leu Ala Glu Pro Tyr
1 5

<210> 22929
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22929
Asp Leu Ala Glu Pro Tyr Trp Cys Tyr
1 5

<210> 22930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22930
Ala Glu Pro Tyr Trp Cys Tyr Trp Ile
1 5

<210> 22931
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22931
Leu Ala Glu Pro Tyr Trp Cys Tyr Trp
1 5

<210> 22932
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22932
His Gly Leu Glu Asp Leu Ala Glu Pro Tyr
1 5 10

<210> 22933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22933
Ile Ser Thr Arg Asp Pro Leu Ser Lys
1 5

<210> 22934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22934
Ser Thr Arg Asp Pro Leu Ser Lys Ile
1 5

<210> 22935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22935
Leu Ser Lys Ile Thr Glu Gln Glu Lys
1 5

<210> 22936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22936
Ala Ile Ser Thr Arg Asp Pro Leu Ser Lys
1 5 10

<210> 22937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22937
Ser Lys Ile Thr Glu Gln Glu Lys Asp Phe
1 5 10

<210> 22938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22938
Ser Glu Ile Thr Lys Gln Glu Lys Asp Phe
1 5 10

<210> 22939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22939
Lys Gln Glu Lys Asp Phe Leu Trp Ser His
1 5 10

<210> 22940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22940
Thr Ala Gln Glu Lys Asp Phe Leu Trp
1 5

<210> 22941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22941
Ser Glu Ile Thr Ala Gln Glu Lys Asp Phe
1 5 10

<210> 22942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22942
Ala Gln Glu Lys Asp Phe Leu Trp Ser His
1 5 10

<210> 22943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22943
Ile Thr Ala Gln Glu Lys Asp Phe Leu Trp
1 5 10

<210> 22944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22944
Ser Glu Ile Thr Gly Gln Glu Lys Asp Phe
1 5 10

<210> 22945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22945
Gly Gln Glu Lys Asp Phe Leu Trp Ser His
1 5 10

<210> 22946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22946
Lys Glu Lys Asp Phe Leu Trp Ser His
1 5

<210> 22947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22947
Thr Glu Lys Glu Lys Asp Phe Leu Trp
1 5

<210> 22948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22948
Ser Glu Ile Thr Glu Lys Glu Lys Asp Phe
1 5 10

<210> 22949
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22949
Glu Ile Thr Glu Pro Glu Lys Asp Phe Leu
1 5 10

<210> 22950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22950
Ser Glu Ile Thr Glu Pro Glu Lys Asp Phe
1 5 10

<210> 22951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22951
Glu Pro Glu Lys Asp Phe Leu Trp Ser His
1 5 10

<210> 22952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22952
Arg Glu Lys Asp Phe Leu Trp Ser His
1 5

<210> 22953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22953
Thr Glu Arg Glu Lys Asp Phe Leu Trp
1 5

<210> 22954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22954
Ser Glu Ile Thr Glu Arg Glu Lys Asp Phe
1 5 10

<210> 22955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22955
Val Pro Pro Arg Pro Ser Ser Gly Glu Leu
1 5 10

<210> 22956
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22956
Lys Thr Gln Lys Val Gln Met Lys Phe
1 5

<210> 22957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22957

Lys Asp Lys Thr Gln Lys Val Gln Met Lys
1 5 10

<210> 22958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22958
Lys Thr Gln Lys Val Gln Met Lys Phe Leu
1 5 10

<210> 22959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22959
Lys Lys Asp Lys Thr Gln Lys Val Gln Met
1 5 10

<210> 22960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22960
Arg Gln Leu Cys Asp Leu Arg Leu Phe
1 5

<210> 22961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22961
Glu Thr Arg Gln Leu Cys Asp Leu Arg
1 5

<210> 22962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22962
Glu Glu Phe Phe Asp Glu Thr Arg Gln Leu
1 5 10

<210> 22963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22963
Gln Leu Phe Gln Pro Phe Leu Lys Val
1 5

<210> 22964
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22964
Leu Gln Leu Phe Gln Pro Phe Leu Lys
1 5

<210> 22965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22965
Arg Arg Leu Cys Asp Leu Gln Leu Phe
1 5

<210> 22966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22966
Cys Asp Leu Gln Leu Phe Gln Pro Phe
1 5

<210> 22967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22967
Leu Gln Leu Phe Gln Pro Phe Leu Lys Val
1 5 10

<210> 22968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22968
Gln Leu Phe Gln Pro Phe Leu Lys Val Ile
1 5 10

<210> 22969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22969
Asp Leu Gln Leu Phe Gln Pro Phe Leu Lys
1 5 10

<210> 22970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 22970
Thr Arg Arg Leu Cys Asp Leu Gln Leu Phe
1 5 10

<210> 22971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22971
Leu Cys Asp Leu Gln Leu Phe Gln Pro Phe
1 5 10

<210> 22972
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22972
Cys Asp Leu Gln Leu Phe Gln Pro Phe Leu
1 5 10

<210> 22973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22973
Asn Leu Phe Ile Asn Leu Phe Ser Ile
1 5

<210> 22974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22974
Phe Ile Asn Leu Phe Ser Ile Met Leu

1 5

<210> 22975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22975
Leu Phe Ile Asn Leu Phe Ser Ile Met
1 5

<210> 22976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22976
Phe Ser Ile Met Leu Gly Ser Gly Met
1 5

<210> 22977
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22977
Ile Met Leu Gly Ser Gly Met Pro Glu Leu
1 5 10

<210> 22978
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22978
Asn Leu Phe Ile Asn Leu Phe Ser Ile Met
1 5 10

<210> 22979

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22979
Leu Phe Ile Asn Leu Phe Ser Ile Met Leu
1 5 10

<210> 22980
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22980
Leu Phe Ser Ile Met Leu Gly Ser Gly Met
1 5 10

<210> 22981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22981
Ala Leu Glu Tyr Phe Met Lys Gln Val
1 5

<210> 22982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22982
Phe Met Lys Gln Val Asn Asp Ala His
1 5

<210> 22983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22983
Met Lys Gln Val Asn Asp Ala His His
1 5

<210> 22984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22984
Glu Ala Leu Glu Tyr Phe Met Lys Gln Val
1 5 10

<210> 22985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22985
Phe Met Lys Gln Val Asn Asp Ala His His
1 5 10

<210> 22986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22986
Phe Met Lys Gln Ile Asn Asp Ala His
1 5

<210> 22987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 22987
Lys Gln Ile Asn Asp Ala His His Gly
1 5

<210> 22988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22988
Glu Ala Leu Glu Tyr Phe Met Lys Gln Ile
1 5 10

<210> 22989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22989
Phe Met Lys Gln Ile Asn Asp Ala His His
1 5 10

<210> 22990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22990
Lys Gln Ile Asn Asp Ala His His Gly Gly
1 5 10

<210> 22991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22991
Met Tyr Asp Ala His His Gly Gly Trp
1 5

<210> 22992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22992
Phe Met Lys Gln Met Tyr Asp Ala His
1 5

<210> 22993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22993
Leu Glu Tyr Phe Met Lys Gln Met Tyr
1 5

<210> 22994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22994
Met Lys Gln Met Tyr Asp Ala His His
1 5

<210> 22995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22995
Lys Gln Met Tyr Asp Ala His His Gly
1 5

<210> 22996
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22996
Ala Leu Glu Tyr Phe Met Lys Gln Met Tyr
1 5 10

<210> 22997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22997
Phe Met Lys Gln Met Tyr Asp Ala His His
1 5 10

<210> 22998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22998
Gln Met Tyr Asp Ala His His Gly Gly Trp
1 5 10

<210> 22999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 22999
Lys Gln Met Tyr Asp Ala His His Gly Gly
1 5 10

<210> 23000
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23000
Phe Met Lys Gln Met Lys Asp Ala His
1 5

<210> 23001
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23001
Lys Gln Met Lys Asp Ala His His Gly
1 5

<210> 23002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23002
Met Lys Asp Ala His His Gly Gly Trp
1 5

<210> 23003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23003
Ala Leu Glu Tyr Phe Met Lys Gln Met Lys
1 5 10

<210> 23004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23004
Phe Met Lys Gln Met Lys Asp Ala His His
1 5 10

<210> 23005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23005
Lys Gln Met Lys Asp Ala His His Gly Gly
1 5 10

<210> 23006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23006
Gln Met Lys Asp Ala His His Gly Gly Trp
1 5 10

<210> 23007
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23007
Phe Met Lys Gln Met Asn Asp Ala Arg
1 5

<210> 23008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23008
Lys Gln Met Asn Asp Ala Arg His Gly
1 5

<210> 23009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23009
Arg His Gly Gly Trp Thr Thr Lys Met
1 5

<210> 23010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23010
Tyr Phe Met Lys Gln Met Asn Asp Ala Arg
1 5 10

<210> 23011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23011
Phe Met Lys Gln Met Asn Asp Ala Arg His
1 5 10

<210> 23012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23012
Lys Gln Met Asn Asp Ala Arg His Gly Gly
1 5 10

<210> 23013
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23013
Gln Met Asn Asp Ala Arg His Gly Gly Trp
1 5 10

<210> 23014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23014
Ala Arg His Gly Gly Trp Thr Thr Lys Met
1 5 10

<210> 23015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23015
Phe Met Lys Gln Met Asn Asp Ala Leu
1 5

<210> 23016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23016
Ala Leu His Gly Gly Trp Thr Thr Lys
1 5

<210> 23017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23017
Lys Gln Met Asn Asp Ala Leu His Gly
1 5

<210> 23018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23018
Leu His Gly Gly Trp Thr Thr Lys Met
1 5

<210> 23019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23019
Ala Leu His Gly Gly Trp Thr Thr Lys Met
1 5 10

<210> 23020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23020
Tyr Phe Met Lys Gln Met Asn Asp Ala Leu
1 5 10

<210> 23021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23021

Asp Ala Leu His Gly Gly Trp Thr Thr Lys
1 5 10

<210> 23022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23022
Phe Met Lys Gln Met Asn Asp Ala Leu His
1 5 10

<210> 23023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23023
Lys Gln Met Asn Asp Ala Leu His Gly Gly
1 5 10

<210> 23024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23024
Gln Met Asn Asp Ala Leu His Gly Gly Trp
1 5 10

<210> 23025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23025
Phe Leu Lys Val Ile Glu Pro Val Val
1 5

<210> 23026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23026
Lys Val Ile Glu Pro Val Val Asn Arg
1 5

<210> 23027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23027
His Glu Glu Lys Ile Leu Asn Arg Glu Ile
1 5 10

<210> 23028
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23028
Arg Glu Lys Ile Leu Asn Arg Glu Ile
1 5

<210> 23029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23029
Arg Glu Glu Glu Ile Leu Asn Arg Glu Ile
1 5 10

<210> 23030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23030
Glu Glu Ile Leu Asn Arg Glu Ile Gly Phe
1 5 10

<210> 23031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23031
Arg Glu Glu Ile Leu Asn Arg Glu Ile
1 5

<210> 23032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23032
Glu Glu Ile Leu Asn Arg Glu Ile Gly Phe
1 5 10

<210> 23033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23033
Lys Ser Lys Lys Ala Asp Arg Pro Ile
1 5

<210> 23034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23034
Arg Pro Ile Ala Trp Ala Asn Leu Met
1 5

<210> 23035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23035
Lys Lys Ala Asp Arg Pro Ile Ala Trp
1 5

<210> 23036
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23036
Lys Ser Lys Lys Ala Asp Arg Pro Ile Ala
1 5 10

<210> 23037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23037
Arg Pro Ile Ala Trp Ala Asn Leu Met Leu
1 5 10

<210> 23038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23038
Lys Lys Ser Lys Lys Ala Asp Arg Pro Ile

1 5 10

<210> 23039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23039
Ser Lys Lys Ala Asp Arg Pro Ile Ala Trp
1 5 10

<210> 23040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23040
Ala Asp Arg Pro Ile Ala Trp Ala Asn Leu
1 5 10

<210> 23041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23041
Leu Ile Gly Tyr Asp Val Thr Asp Ile
1 5

<210> 23042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23042
Ala Leu Ile Gly Tyr Asp Val Thr Asp Ile
1 5 10

<210> 23043

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23043
Thr Leu Arg Lys Gly Arg Asn Asn Lys
1 5

<210> 23044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23044
Lys Gly Arg Asn Asn Lys Leu Ile Lys
1 5

<210> 23045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23045
Tyr Thr Leu Thr Leu Arg Lys Gly Arg
1 5

<210> 23046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23046
Arg Asn Asn Lys Leu Ile Lys Ile Phe
1 5

<210> 23047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23047
Leu Thr Leu Arg Lys Gly Arg Asn Asn Lys
1 5 10

<210> 23048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23048
Thr Leu Arg Lys Gly Arg Asn Asn Lys Leu
1 5 10

<210> 23049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23049
Lys Gly Arg Asn Asn Lys Leu Ile Lys Ile
1 5 10

<210> 23050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23050
Gly Arg Asn Asn Lys Leu Ile Lys Ile Phe
1 5 10

<210> 23051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23051
Lys Gly Gly Asn Asn Asn Leu Ile Lys
1 5

<210> 23052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23052
Asn Asn Leu Ile Lys Ile Phe His Arg
1 5

<210> 23053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23053
Arg Lys Gly Gly Asn Asn Asn Leu Ile
1 5

<210> 23054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23054
Gly Asn Asn Asn Leu Ile Lys Ile Phe
1 5

<210> 23055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23055
Thr Leu Arg Lys Gly Gly Asn Asn Asn Leu
1 5 10

<210> 23056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23056
Asn Asn Asn Leu Ile Lys Ile Phe His Arg
1 5 10

<210> 23057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23057
Gly Gly Asn Asn Asn Leu Ile Lys Ile Phe
1 5 10

<210> 23058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23058
Arg Met Asn Ser Ile Ile Gln Leu Arg
1 5

<210> 23059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23059
Met Asn Ser Ile Ile Gln Leu Arg Lys
1 5

<210> 23060
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23060
Ser Ile Ile Gln Leu Arg Lys Thr Arg
1 5

<210> 23061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23061
Lys Arg Met Asn Ser Ile Ile Gln Leu
1 5

<210> 23062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23062
Arg Met Asn Ser Ile Ile Gln Leu Arg Lys
1 5 10

<210> 23063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23063
Asn Ser Ile Ile Gln Leu Arg Lys Thr Arg
1 5 10

<210> 23064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23064
Ser Ser Gln Ala Ser Gly Pro Ala Arg
1 5

<210> 23065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23065
Arg Ser Arg His Leu Leu Thr Ser Phe
1 5

<210> 23066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23066
Gly Pro Ala Arg Ser Arg His Leu Leu
1 5

<210> 23067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23067
Ala Ser Ser Gln Ala Ser Gly Pro Ala Arg
1 5 10

<210> 23068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23068
Arg Ser Arg His Leu Leu Thr Ser Phe Val
1 5 10

<210> 23069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23069
Ala Arg Ser Arg His Leu Leu Thr Ser Phe
1 5 10

<210> 23070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23070
Ser Pro Pro Glu Arg Asp Pro Val Leu
1 5

<210> 23071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23071
Arg His Cys His Asn Cys Gly Val Phe
1 5

<210> 23072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23072
His Cys His Asn Cys Gly Val Phe His Arg
1 5 10

<210> 23073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23073
Val Arg His Cys His Asn Cys Gly Val Phe
1 5 10

<210> 23074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23074
Phe Ile Asp Phe Gly Ser Gly Ala Leu
1 5

<210> 23075
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23075
Arg Gly Glu Leu Lys Phe Ile Asp Phe
1 5

<210> 23076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23076
Phe Ile Asp Phe Gly Ser Gly Ala Leu Leu
1 5 10

<210> 23077
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23077
Ile Asp Leu Asn Arg Gly Glu Leu Lys Phe
1 5 10

<210> 23078
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23078
Leu Lys Phe Ile Asp Phe Gly Ser Gly Ala
1 5 10

<210> 23079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23079
Lys Phe Ile Asp Phe Gly Ser Gly Ala Leu
1 5 10

<210> 23080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23080
Gly Glu Leu Lys Phe Ile Asp Phe Gly Ser
1 5 10

<210> 23081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23081
Thr Val Ala Lys Glu Ala Ser Asp Lys
1 5

<210> 23082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23082
Lys Glu Ala Ser Asp Lys Glu Lys Ala
1 5

<210> 23083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23083
Ser Thr Val Ala Lys Glu Ala Ser Asp Lys
1 5 10

<210> 23084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23084
Val Ala Lys Glu Ala Ser Asp Lys Glu Lys
1 5 10

<210> 23085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23085

Val Met His Asn Met Phe Ser His Arg
1 5

<210> 23086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23086
Leu Val Met His Asn Met Phe Ser His
1 5

<210> 23087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23087
Ser Tyr Met Leu Val Met His Asn Met
1 5

<210> 23088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23088
Tyr Met Leu Val Met His Asn Met Phe
1 5

<210> 23089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23089
Met His Asn Met Phe Ser His Arg Leu
1 5

<210> 23090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23090
Val Met His Asn Met Phe Ser His Arg Leu
1 5 10

<210> 23091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23091
Leu Val Met His Asn Met Phe Ser His Arg
1 5 10

<210> 23092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23092
Ser Tyr Met Leu Val Met His Asn Met Phe
1 5 10

<210> 23093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23093
Asp Ser Tyr Met Leu Val Met His Asn Met
1 5 10

<210> 23094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23094
His Asn Met Phe Ser His Arg Leu Pro Val
1 5 10

<210> 23095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23095
Met Leu Val Met His Asn Met Phe Ser His
1 5 10

<210> 23096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23096
Ala Gln Met Pro Pro Pro Met Pro Ala
1 5

<210> 23097
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23097
Gln Met Pro Pro Pro Met Pro Ala Leu
1 5

<210> 23098
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23098
Cys Leu Ser Gly Ala Cys Arg Thr Leu
1 5

<210> 23099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23099
Thr Leu Pro Glu Thr Leu Arg Thr Ala
1 5

<210> 23100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23100
Arg Thr Val Arg Arg Ser Ser Pro Arg
1 5

<210> 23101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23101
Glu Thr Leu Arg Thr Ala Pro Arg Lys
1 5

<210> 23102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23102
Arg Thr Ala Pro Arg Lys Ser Ser Leu

1 5

<210> 23103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23103
Arg Lys Ser Ser Leu Met Pro Thr Lys
1 5

<210> 23104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23104
Lys Ser Ser Leu Met Pro Thr Lys Ala
1 5

<210> 23105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23105
Ser Leu Met Pro Thr Lys Ala Ser Arg
1 5

<210> 23106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23106
Ala Ser Arg Thr Val Arg Arg Ser Ser
1 5

<210> 23107

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23107
Thr Val Arg Arg Ser Ser Pro Arg Arg
1 5

<210> 23108
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23108
Asn Met Glu Gly Leu Cys Leu Pro Arg
1 5

<210> 23109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23109
Gly Pro Glu Ala Pro Gln Ala Gln Met
1 5

<210> 23110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23110
His Pro Asn Met Glu Gly Leu Cys Leu
1 5

<210> 23111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23111
Leu Pro Arg Ala Cys Leu Ser Gly Ala
1 5

<210> 23112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23112
Met Pro Thr Lys Ala Ser Arg Thr Val
1 5

<210> 23113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23113
Pro Gln Ala Gln Met Pro Pro Pro Met
1 5

<210> 23114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23114
Met Glu Gly Leu Cys Leu Pro Arg Ala
1 5

<210> 23115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23115
Ala Gln Met Pro Pro Pro Met Pro Ala Leu
1 5 10

<210> 23116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23116
Cys Leu Pro Arg Ala Cys Leu Ser Gly Ala
1 5 10

<210> 23117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23117
Ser Leu Met Pro Thr Lys Ala Ser Arg Thr
1 5 10

<210> 23118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23118
Leu Met Pro Thr Lys Ala Ser Arg Thr Val
1 5 10

<210> 23119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23119
Arg Thr Val Arg Arg Ser Ser Pro Arg Arg
1 5 10

<210> 23120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23120
Ser Ser Leu Met Pro Thr Lys Ala Ser Arg
1 5 10

<210> 23121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23121
Arg Thr Leu Pro Glu Thr Leu Arg Thr Ala
1 5 10

<210> 23122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23122
Arg Thr Ala Pro Arg Lys Ser Ser Leu Met
1 5 10

<210> 23123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23123
Pro Thr Lys Ala Ser Arg Thr Val Arg Arg
1 5 10

<210> 23124
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23124
Ala Pro Gln Ala Gln Met Pro Pro Pro Met
1 5 10

<210> 23125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23125
Met Pro Ala Leu Gly Ser Ser Gly Pro His
1 5 10

<210> 23126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23126
Leu Pro Arg Ala Cys Leu Ser Gly Ala Cys
1 5 10

<210> 23127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23127
Ala Pro Arg Lys Ser Ser Leu Met Pro Thr
1 5 10

<210> 23128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23128
Leu Arg Thr Ala Pro Arg Lys Ser Ser Leu
1 5 10

<210> 23129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23129
Arg Lys Ser Ser Leu Met Pro Thr Lys Ala
1 5 10

<210> 23130
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23130
Arg Ile Ile Met Tyr Arg Asp Gly Val
1 5

<210> 23131
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23131
Glu Tyr Met Pro Ser Arg Ile Ile Met
1 5

<210> 23132
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23132
Tyr Met Pro Ser Arg Ile Ile Met Tyr
1 5

<210> 23133
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23133
Met Pro Ser Arg Ile Ile Met Tyr Arg
1 5

<210> 23134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23134
Tyr Met Pro Ser Arg Ile Ile Met Tyr Arg
1 5 10

<210> 23135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23135
Asn Glu Tyr Met Pro Ser Arg Ile Ile Met
1 5 10

<210> 23136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23136
Ala Met Pro Ser Pro Glu Ala Arg Val
1 5

<210> 23137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23137
Arg Ala Met Pro Ser Pro Glu Ala Arg
1 5

<210> 23138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23138
Glu Pro Ile Cys Gly Leu Arg Ala Met
1 5

<210> 23139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23139
Met Pro Ser Pro Glu Ala Arg Val Leu
1 5

<210> 23140
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23140
Gly Leu Arg Ala Met Pro Ser Pro Glu Ala
1 5 10

<210> 23141
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23141
Arg Ala Met Pro Ser Pro Glu Ala Arg Val
1 5 10

<210> 23142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23142
Ala Met Pro Ser Pro Glu Ala Arg Val Leu
1 5 10

<210> 23143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23143
Glu Glu Pro Ile Cys Gly Leu Arg Ala Met
1 5 10

<210> 23144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23144
Phe Cys Phe Phe Ile Phe Phe Tyr Val
1 5

<210> 23145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23145
Ile Ile Phe Cys Phe Phe Ile Phe Phe
1 5

<210> 23146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23146
Cys Phe Phe Ile Phe Phe Tyr Val Val
1 5

<210> 23147
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23147
Ile Phe Phe Tyr Val Val Glu Glu Ile
1 5

<210> 23148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23148
Phe Phe Tyr Val Val Glu Glu Ile Leu
1 5

<210> 23149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23149

Ile Phe Cys Phe Phe Ile Phe Phe Tyr
1 5

<210> 23150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23150
Phe Cys Phe Phe Ile Phe Phe Tyr Val Val
1 5 10

<210> 23151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23151
Phe Ile Phe Phe Tyr Val Val Glu Glu Ile
1 5 10

<210> 23152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23152
Ile Ile Phe Cys Phe Phe Ile Phe Phe Tyr
1 5 10

<210> 23153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23153
Ile Phe Cys Phe Phe Ile Phe Phe Tyr Val
1 5 10

<210> 23154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23154
Ile Phe Phe Tyr Val Val Glu Glu Ile Leu
1 5 10

<210> 23155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23155
Phe Tyr Val Val Glu Glu Ile Leu Glu Ile
1 5 10

<210> 23156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23156
Glu Ile Ile Phe Cys Phe Phe Ile Phe Phe
1 5 10

<210> 23157
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23157
Leu Val Ile Thr Gly Asn Gly Leu Tyr
1 5

<210> 23158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23158
Gly Leu Tyr Pro Gly Asn Thr Thr Val
1 5

<210> 23159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23159
Thr Leu Val Ile Thr Gly Asn Gly Leu
1 5

<210> 23160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23160
Gly Leu Tyr Pro Gly Asn Thr Thr Val Thr
1 5 10

<210> 23161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23161
Leu Tyr Pro Gly Asn Thr Thr Val Thr Ile
1 5 10

<210> 23162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23162
Thr Leu Val Ile Thr Gly Asn Gly Leu Tyr
1 5 10

<210> 23163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23163
Thr Thr Leu Val Ile Thr Gly Asn Gly Leu
1 5 10

<210> 23164
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23164
Thr Thr Asp Lys Lys Val Trp Leu Met
1 5

<210> 23165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23165
Arg Lys Val Thr Thr Asp Lys Lys Val Trp
1 5 10

<210> 23166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23166
Trp Leu Gln Glu Thr Thr Thr Gly Ser

1 5

<210> 23167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23167
Ala Trp Pro Arg Pro Cys Ala Ser Trp
1 5

<210> 23168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23168
Gly Ala Pro Trp Gly Ala Trp Pro Arg
1 5

<210> 23169
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23169
Trp Pro Arg Pro Cys Ala Ser Trp Leu
1 5

<210> 23170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23170
Ser Leu Gly Ala Pro Trp Gly Ala Trp
1 5

<210> 23171

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23171
Phe Val Ser Leu Gly Ala Pro Trp Gly Ala
1 5 10

<210> 23172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23172
Leu Gly Ala Pro Trp Gly Ala Trp Pro Arg
1 5 10

<210> 23173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23173
Val Ser Leu Gly Ala Pro Trp Gly Ala Trp
1 5 10

<210> 23174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23174
Gly Ala Trp Pro Arg Pro Cys Ala Ser Trp
1 5 10

<210> 23175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23175
Ala Leu Ala Arg Gln Ser Pro Val Ala
1 5

<210> 23176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23176
Ser Val Arg Pro Ser Phe Ala Thr Ala
1 5

<210> 23177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23177
Thr Leu Pro Ser Ala Phe Gln Lys Leu
1 5

<210> 23178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23178
Pro Leu Ser Ala Ser Ser His Thr Val
1 5

<210> 23179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23179
Ala Thr Leu Pro Ser Ala Phe Gln Lys
1 5

<210> 23180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23180
Ser Ser His Thr Val Leu Ser Asn Lys
1 5

<210> 23181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23181
Met Thr Thr Ala Met Thr Arg Pro Arg
1 5

<210> 23182
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23182
Ala Val Asn Phe Cys Trp Thr Thr Arg
1 5

<210> 23183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23183
Asn Tyr Gly Cys Tyr Cys Gly Leu Trp
1 5

<210> 23184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23184
Leu Trp Gly Ala Gln Ala Pro Pro Trp
1 5

<210> 23185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23185
Ser Trp Thr Ala Val Asn Phe Cys Trp
1 5

<210> 23186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23186
Ser Phe Ala Thr Ala Thr Ala Thr Leu
1 5

<210> 23187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23187
Ala Ala Arg His Met Thr Thr Ala Met
1 5

<210> 23188
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23188
Arg His Met Thr Thr Ala Met Thr Arg
1 5

<210> 23189
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23189
Met Thr Arg Pro Arg Ser Trp Thr Ala
1 5

<210> 23190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23190
Arg Ser Trp Thr Ala Val Asn Phe Cys
1 5

<210> 23191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23191
Thr Thr Arg Thr Pro Thr Pro Ile His
1 5

<210> 23192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23192
Arg Thr Pro Thr Pro Ile His Thr Arg
1 5

<210> 23193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23193
His Thr Arg Ala Leu Ala Arg Gln Ser
1 5

<210> 23194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23194
Arg Ala Leu Ala Arg Gln Ser Pro Val
1 5

<210> 23195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23195
Leu Ala Arg Gln Ser Pro Val Ala Ala
1 5

<210> 23196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23196
Lys Thr Lys Ser Val Arg Pro Ser Phe
1 5

<210> 23197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23197
Lys Leu His Ile Thr Arg His Thr Arg
1 5

<210> 23198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23198
Ile Thr Arg His Thr Arg Thr Trp Thr
1 5

<210> 23199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23199
His Thr Arg Thr Trp Thr Pro Arg Ser
1 5

<210> 23200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23200
Arg Thr Trp Thr Pro Arg Ser Ile Val
1 5

<210> 23201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23201
Arg Ser Ile Val Arg Val Glu Tyr His
1 5

<210> 23202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23202
Arg Val Glu Tyr His Leu Ser Lys Ala
1 5

<210> 23203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23203
Leu Ser Lys Ala Ser Pro Leu Ser Ala
1 5

<210> 23204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23204
Trp Met Asn Trp Thr Ser Ala Ala Arg
1 5

<210> 23205
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23205
Ala Phe Gln Lys Leu His Ile Thr Arg
1 5

<210> 23206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23206
Thr Trp Thr Pro Arg Ser Ile Val Arg
1 5

<210> 23207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23207
Trp Thr Ser Ala Ala Arg His Met Thr
1 5

<210> 23208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23208
Trp Thr Ala Val Asn Phe Cys Trp Thr
1 5

<210> 23209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23209
Trp Thr Thr Arg Thr Pro Thr Pro Ile
1 5

<210> 23210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23210
Trp Thr Pro Arg Ser Ile Val Arg Val
1 5

<210> 23211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23211
Arg Pro Arg Ser Trp Thr Ala Val Asn
1 5

<210> 23212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23212
Thr Pro Ile His Thr Arg Ala Leu Ala
1 5

<210> 23213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23213

Arg Pro Ser Phe Ala Thr Ala Thr Ala
1 5

<210> 23214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23214
Tyr His Leu Ser Lys Ala Ser Pro Leu
1 5

<210> 23215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23215
Ala Thr Ala Thr Leu Pro Ser Ala Phe
1 5

<210> 23216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23216
Ala Gln Ala Pro Pro Trp Met Asn Trp
1 5

<210> 23217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23217
Thr Ala Met Thr Arg Pro Arg Ser Trp
1 5

<210> 23218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23218
Arg Gln Ser Pro Val Ala Ala Lys Thr
1 5

<210> 23219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23219
Phe Gln Lys Leu His Ile Thr Arg His
1 5

<210> 23220
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23220
His Ile Thr Arg His Thr Arg Thr Trp
1 5

<210> 23221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23221
Ser Lys Ala Ser Pro Leu Ser Ala Ser
1 5

<210> 23222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23222
Leu Ser Ala Ser Ser His Thr Val Leu
1 5

<210> 23223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23223
Val Glu Tyr His Leu Ser Lys Ala Ser
1 5

<210> 23224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23224
Ala Met Thr Arg Pro Arg Ser Trp Thr Ala
1 5 10

<210> 23225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23225
Met Thr Arg Pro Arg Ser Trp Thr Ala Val
1 5 10

<210> 23226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23226
Ala Leu Ala Arg Gln Ser Pro Val Ala Ala
1 5 10

<210> 23227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23227
Ala Thr Ala Thr Ala Thr Leu Pro Ser Ala
1 5 10

<210> 23228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23228
His Leu Ser Lys Ala Ser Pro Leu Ser Ala
1 5 10

<210> 23229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23229
Arg Thr Trp Thr Pro Arg Ser Ile Val Arg
1 5 10

<210> 23230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23230
Ile Val Arg Val Glu Tyr His Leu Ser Lys

1 5 10

<210> 23231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23231
Ala Ser Ser His Thr Val Leu Ser Asn Lys
1 5 10

<210> 23232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23232
Thr Ala Val Asn Phe Cys Trp Thr Thr Arg
1 5 10

<210> 23233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23233
Thr Ala Thr Leu Pro Ser Ala Phe Gln Lys
1 5 10

<210> 23234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23234
Ser Ala Phe Gln Lys Leu His Ile Thr Arg
1 5 10

<210> 23235

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23235
Arg Ser Trp Thr Ala Val Asn Phe Cys Trp
1 5 10

<210> 23236
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23236
Cys Trp Thr Thr Arg Thr Pro Thr Pro Ile
1 5 10

<210> 23237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23237
Ala Ala Arg His Met Thr Thr Ala Met Thr
1 5 10

<210> 23238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23238
Thr Thr Arg Thr Pro Thr Pro Ile His Thr
1 5 10

<210> 23239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23239
Arg Thr Pro Thr Pro Ile His Thr Arg Ala
1 5 10

<210> 23240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23240
His Thr Arg Ala Leu Ala Arg Gln Ser Pro
1 5 10

<210> 23241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23241
Arg Ala Leu Ala Arg Gln Ser Pro Val Ala
1 5 10

<210> 23242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23242
Leu Ala Arg Gln Ser Pro Val Ala Ala Lys
1 5 10

<210> 23243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23243
Arg Gln Ser Pro Val Ala Ala Lys Thr Lys
1 5 10

<210> 23244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23244
Lys Thr Lys Ser Val Arg Pro Ser Phe Ala
1 5 10

<210> 23245
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23245
Lys Ser Val Arg Pro Ser Phe Ala Thr Ala
1 5 10

<210> 23246
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23246
Ser Val Arg Pro Ser Phe Ala Thr Ala Thr
1 5 10

<210> 23247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23247
Lys Leu His Ile Thr Arg His Thr Arg Thr
1 5 10

<210> 23248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23248
Ile Thr Arg His Thr Arg Thr Trp Thr Pro
1 5 10

<210> 23249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23249
His Thr Arg Thr Trp Thr Pro Arg Ser Ile
1 5 10

<210> 23250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23250
Arg Ser Ile Val Arg Val Glu Tyr His Leu
1 5 10

<210> 23251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23251
Ser Ser His Thr Val Leu Ser Asn Lys Ala
1 5 10

<210> 23252
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23252
Pro Trp Met Asn Trp Thr Ser Ala Ala Arg
1 5 10

<210> 23253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23253
His Met Thr Thr Ala Met Thr Arg Pro Arg
1 5 10

<210> 23254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23254
Thr Pro Ile His Thr Arg Ala Leu Ala Arg
1 5 10

<210> 23255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23255
Thr Ser Ala Ala Arg His Met Thr Thr Ala
1 5 10

<210> 23256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23256
Trp Thr Ala Val Asn Phe Cys Trp Thr Thr
1 5 10

<210> 23257
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23257
Ala Pro Pro Trp Met Asn Trp Thr Ser Ala
1 5 10

<210> 23258
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23258
Ser Ala Ala Arg His Met Thr Thr Ala Met
1 5 10

<210> 23259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23259
Arg Pro Arg Ser Trp Thr Ala Val Asn Phe
1 5 10

<210> 23260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23260
Thr Pro Thr Pro Ile His Thr Arg Ala Leu
1 5 10

<210> 23261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23261
Ser Pro Val Ala Ala Lys Thr Lys Ser Val
1 5 10

<210> 23262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23262
Arg Pro Ser Phe Ala Thr Ala Thr Ala Thr
1 5 10

<210> 23263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23263
Leu Pro Ser Ala Phe Gln Lys Leu His Ile
1 5 10

<210> 23264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23264
Ser Pro Leu Ser Ala Ser Ser His Thr Val
1 5 10

<210> 23265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23265
Met Asn Trp Thr Ser Ala Ala Arg His Met
1 5 10

<210> 23266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23266
Thr Ala Thr Ala Thr Leu Pro Ser Ala Phe
1 5 10

<210> 23267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23267
Gly Leu Trp Gly Ala Gln Ala Pro Pro Trp
1 5 10

<210> 23268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23268
Trp Met Asn Trp Thr Ser Ala Ala Arg His
1 5 10

<210> 23269
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23269
Ala Lys Thr Lys Ser Val Arg Pro Ser Phe
1 5 10

<210> 23270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23270
Pro Ser Phe Ala Thr Ala Thr Ala Thr Leu
1 5 10

<210> 23271
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23271
Phe Gln Lys Leu His Ile Thr Arg His Thr
1 5 10

<210> 23272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23272
Leu His Ile Thr Arg His Thr Arg Thr Trp
1 5 10

<210> 23273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23273
Lys Ala Ser Pro Leu Ser Ala Ser Ser His
1 5 10

<210> 23274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23274
Thr Pro Arg Ser Ile Val Arg Val Glu Tyr
1 5 10

<210> 23275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23275
Ile Gln Asn Tyr Arg Phe His Thr Ile
1 5

<210> 23276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23276
Asn Tyr Gly Ile Gln Asn Tyr Arg Phe
1 5

<210> 23277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23277

Gln Tyr Asn Tyr Gly Ile Gln Asn Tyr
1 5

<210> 23278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23278
Tyr Asn Tyr Gly Ile Gln Asn Tyr Arg
1 5

<210> 23279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23279
Leu Gln Tyr Asn Tyr Gly Ile Gln Asn
1 5

<210> 23280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23280
Tyr Asn Tyr Gly Ile Gln Asn Tyr Arg Phe
1 5 10

<210> 23281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23281
Leu Gln Tyr Asn Tyr Gly Ile Gln Asn Tyr
1 5 10

<210> 23282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23282
Gln Tyr Asn Tyr Gly Ile Gln Asn Tyr Arg
1 5 10

<210> 23283
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23283
Ile Gln Asn Tyr Arg Phe His Thr Ile Ser
1 5 10

<210> 23284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23284
Gln Asn Tyr Arg Phe His Thr Ile Ser His
1 5 10

<210> 23285
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23285
Arg Met Ser Gly Asp Thr Trp Trp Cys
1 5

<210> 23286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23286
Thr Leu Glu Glu Arg Thr Ser Ser Val
1 5

<210> 23287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23287
Val Ile Ala Gly Ser Thr Pro Glu Arg
1 5

<210> 23288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23288
Arg Thr Ser Ser Val Ser Ile Val His
1 5

<210> 23289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23289
Thr Ser Ser Val Ser Ile Val His Arg
1 5

<210> 23290
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23290
Gly Val Lys Glu Lys Ser Thr Ser Ala
1 5

<210> 23291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23291
Lys Ser Thr Ser Ala Asn Ile Val Ile
1 5

<210> 23292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23292
Thr Trp Trp Cys Thr Leu Glu Glu Arg
1 5

<210> 23293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23293
Ile Val His Arg Asp Leu Gly Glu Arg
1 5

<210> 23294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23294
Ser Thr Ser Ala Asn Ile Val Ile Ala

1 5

<210> 23295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23295
Lys Glu Lys Ser Thr Ser Ala Asn Ile
1 5

<210> 23296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23296
Glu Glu Arg Thr Ser Ser Val Ser Ile
1 5

<210> 23297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23297
Arg Met Ser Gly Asp Thr Trp Trp Cys Thr
1 5 10

<210> 23298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23298
Cys Thr Leu Glu Glu Arg Thr Ser Ser Val
1 5 10

<210> 23299

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23299
Ile Val Ile Ala Gly Ser Thr Pro Glu Arg
1 5 10

<210> 23300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23300
Arg Thr Ser Ser Val Ser Ile Val His Arg
1 5 10

<210> 23301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23301
Lys Ser Thr Ser Ala Asn Ile Val Ile Ala
1 5 10

<210> 23302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23302
Asp Thr Trp Trp Cys Thr Leu Glu Glu Arg
1 5 10

<210> 23303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23303
Ser Ile Val His Arg Asp Leu Gly Glu Arg
1 5 10

<210> 23304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23304
Lys Glu Lys Ser Thr Ser Ala Asn Ile Val
1 5 10

<210> 23305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23305
Met Ser Gly Asp Thr Trp Trp Cys Thr Leu
1 5 10

<210> 23306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23306
Leu Glu Glu Arg Thr Ser Ser Val Ser Ile
1 5 10

<210> 23307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23307
Glu Glu Arg Thr Ser Ser Val Ser Ile Val
1 5 10

<210> 23308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23308
Thr Pro Glu Arg Met Ser Gly Asp Thr Trp
1 5 10

<210> 23309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23309
Phe Thr Ser Val Pro Pro Gly Phe Lys
1 5

<210> 23310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23310
Phe Phe Thr Ser Val Pro Pro Gly Phe
1 5

<210> 23311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23311
Thr Ser Val Pro Pro Gly Phe Lys Met
1 5

<210> 23312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23312
Lys Met Gln Ser Arg Arg Arg Lys Trp
1 5

<210> 23313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23313
Phe Phe Thr Ser Val Pro Pro Gly Phe Lys
1 5 10

<210> 23314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23314
Thr Phe Phe Thr Ser Val Pro Pro Gly Phe
1 5 10

<210> 23315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23315
Gly Phe Lys Met Gln Ser Arg Arg Arg Lys
1 5 10

<210> 23316
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23316
Lys Met Gln Ser Arg Arg Arg Lys Trp Ala
1 5 10

<210> 23317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23317
Phe Thr Ser Val Pro Pro Gly Phe Lys Met
1 5 10

<210> 23318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23318
Phe Lys Met Gln Ser Arg Arg Arg Lys Trp
1 5 10

<210> 23319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23319
Leu Leu Gly Asp Gln Arg His Thr Leu
1 5

<210> 23320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23320
Val Trp Arg Gln Pro His Gln Pro Leu
1 5

<210> 23321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23321
His Leu Arg Val Trp Arg Gln Pro His
1 5

<210> 23322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23322
Gly Leu Cys His Leu Arg Val Trp Arg
1 5

<210> 23323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23323
Arg His Arg Gly Gly Leu Cys His Leu
1 5

<210> 23324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23324
Trp Arg Gln Pro His Gln Pro Leu Leu
1 5

<210> 23325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23325
Leu Leu Gly Asp Gln Arg His Thr Leu Leu
1 5 10

<210> 23326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23326
Val Trp Arg Gln Pro His Gln Pro Leu Leu
1 5 10

<210> 23327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23327
Ala Ile Tyr Arg Arg His Arg Gly Gly Leu
1 5 10

<210> 23328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23328
Arg His Arg Gly Gly Leu Cys His Leu Arg
1 5 10

<210> 23329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23329
His Leu Arg Val Trp Arg Gln Pro His Gln
1 5 10

<210> 23330
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23330
Arg Val Trp Arg Gln Pro His Gln Pro Leu
1 5 10

<210> 23331
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23331
Arg Arg His Arg Gly Gly Leu Cys His Leu
1 5 10

<210> 23332
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23332
Arg Gly Gly Leu Cys His Leu Arg Val Trp
1 5 10

<210> 23333
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23333
Trp Leu Cys Thr Ala Thr Pro Pro Ala
1 5

<210> 23334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23334
Arg Ala Leu Ser Asp Arg Arg Arg Arg
1 5

<210> 23335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23335
Arg Arg Arg Arg Arg Arg Met Thr Arg
1 5

<210> 23336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23336
Arg Arg Arg Arg Arg Met Thr Arg Arg
1 5

<210> 23337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23337
Arg Arg Arg Arg Met Thr Arg Arg Lys
1 5

<210> 23338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23338
Arg Arg Arg Met Thr Arg Arg Lys Lys
1 5

<210> 23339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23339
Arg Met Thr Arg Arg Lys Lys Arg Arg
1 5

<210> 23340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23340
Lys Lys Arg Arg Trp Arg Leu Gln Arg
1 5

<210> 23341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23341

Lys Arg Arg Trp Arg Leu Gln Arg Arg
1 5

<210> 23342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23342
Arg Trp Arg Leu Gln Arg Arg Gly Gly
1 5

<210> 23343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23343
Gly Gly Trp Pro Ser Arg Ser Pro Arg
1 5

<210> 23344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23344
Trp Pro Ser Arg Ser Pro Arg Ser Cys
1 5

<210> 23345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23345
Ser Pro Arg Ser Cys Arg Pro Trp Leu
1 5

<210> 23346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23346
Arg Arg Lys Lys Arg Arg Trp Arg Leu
1 5

<210> 23347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23347
Leu Gln Arg Arg Gly Gly Trp Pro Ser
1 5

<210> 23348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23348
Arg Ser Pro Arg Ser Cys Arg Pro Trp
1 5

<210> 23349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23349
Arg Ala Leu Ser Asp Arg Arg Arg Arg Arg
1 5 10

<210> 23350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23350
Ala Leu Ser Asp Arg Arg Arg Arg Arg Arg
1 5 10

<210> 23351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23351
Arg Arg Arg Arg Arg Arg Met Thr Arg Arg
1 5 10

<210> 23352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23352
Arg Arg Arg Arg Arg Met Thr Arg Arg Lys
1 5 10

<210> 23353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23353
Arg Arg Arg Arg Met Thr Arg Arg Lys Lys
1 5 10

<210> 23354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23354
Met Thr Arg Arg Lys Lys Arg Arg Trp Arg
1 5 10

<210> 23355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23355
Arg Lys Lys Arg Arg Trp Arg Leu Gln Arg
1 5 10

<210> 23356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23356
Lys Lys Arg Arg Trp Arg Leu Gln Arg Arg
1 5 10

<210> 23357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23357
Arg Trp Arg Leu Gln Arg Arg Gly Gly Trp
1 5 10

<210> 23358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23358
Leu Gln Arg Arg Gly Gly Trp Pro Ser Arg

1 5 10

<210> 23359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23359
Arg Gly Gly Trp Pro Ser Arg Ser Pro Arg
1 5 10

<210> 23360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23360
Arg Ser Pro Arg Ser Cys Arg Pro Trp Leu
1 5 10

<210> 23361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23361
Arg Ser Cys Arg Pro Trp Leu Cys Thr Ala
1 5 10

<210> 23362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23362
Arg Pro Trp Leu Cys Thr Ala Thr Pro Pro
1 5 10

<210> 23363

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23363
Thr Arg Arg Lys Lys Arg Arg Trp Arg Leu
1 5 10

<210> 23364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23364
Arg Met Thr Arg Arg Lys Lys Arg Arg Trp
1 5 10

<210> 23365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23365
Ser Arg Ser Pro Arg Ser Cys Arg Pro Trp
1 5 10

<210> 23366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23366
Arg Ile Ser Val Cys Pro Cys Leu Lys
1 5

<210> 23367
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23367
Gly Arg Ile Ser Val Cys Pro Cys Leu
1 5

<210> 23368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23368
His Gly Arg Ile Ser Val Cys Pro Cys Leu
1 5 10

<210> 23369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23369
Cys Thr Pro Glu Cys Gln Ser Ser Leu
1 5

<210> 23370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23370
Ile Ser Arg Arg Met Ser Val Asp Tyr
1 5

<210> 23371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23371
Ala Glu Ile Ser Arg Arg Met Ser Val
1 5

<210> 23372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23372
Glu Glu Ala Glu Ile Ser Arg Arg Met
1 5

<210> 23373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23373
Glu Ile Ser Arg Arg Met Ser Val Asp Tyr
1 5 10

<210> 23374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23374
Asp Glu Glu Ala Glu Ile Ser Arg Arg Met
1 5 10

<210> 23375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23375
Glu Gln Leu Gln Gln Glu Gln Ala Leu
1 5

<210> 23376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23376
Arg Glu Gln Leu Gln Gln Glu Gln Ala
1 5

<210> 23377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23377
Arg Glu Gln Leu Gln Gln Glu Gln Ala Leu
1 5 10

<210> 23378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23378
Glu Gln Leu Gln Gln Glu Gln Ala Leu Leu
1 5 10

<210> 23379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23379
Gln Gln Glu Gln Ala Leu Leu Glu Glu Ile
1 5 10

<210> 23380
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23380
Ser Ile Pro Leu Leu Ser Phe Leu Val
1 5

<210> 23381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23381
Leu Leu Ser Phe Leu Val Ala Ala Val
1 5

<210> 23382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23382
Phe Leu Val Ala Ala Val Gln Pro Ser
1 5

<210> 23383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23383
Ile Pro Leu Leu Ser Phe Leu Val Ala
1 5

<210> 23384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23384
Gly Ser Ile Pro Leu Leu Ser Phe Leu
1 5

<210> 23385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23385
Gly Ser Ile Pro Leu Leu Ser Phe Leu Val
1 5 10

<210> 23386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23386
Pro Leu Leu Ser Phe Leu Val Ala Ala Val
1 5 10

<210> 23387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23387
Ile Pro Leu Leu Ser Phe Leu Val Ala Ala
1 5 10

<210> 23388
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23388
Arg Leu Lys Thr Phe Gly Val Pro Leu
1 5

<210> 23389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23389
Cys Leu Ala Gly Ser Leu Ser Thr Met
1 5

<210> 23390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23390
Ser Ala Met Pro Ser Ala Met Gly Val
1 5

<210> 23391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23391
Ile Met Met Ser Trp Met Pro Pro Leu
1 5

<210> 23392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23392
Met Met Ser Trp Met Pro Pro Leu Ala
1 5

<210> 23393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23393
Trp Met Pro Pro Leu Ala Pro Cys Ala
1 5

<210> 23394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23394
Phe Thr Pro Leu Ser Ala His Pro Val
1 5

<210> 23395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23395
Pro Leu Ser Ala His Pro Val Pro Val
1 5

<210> 23396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23396
Val Leu Ser Gly Cys His Leu Ala Val
1 5

<210> 23397
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23397
Asn Leu Arg Arg Gly Tyr Pro Arg Leu
1 5

<210> 23398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23398
Thr Met Ala Pro Thr Pro Pro Ser Thr
1 5

<210> 23399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23399
Ala Met Pro Ser Ala Met Gly Val Ala
1 5

<210> 23400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23400
Arg Met Pro Pro Ser Gly Ser Gln Ala
1 5

<210> 23401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23401
His Leu Ala Val Arg Thr Ser Met Leu
1 5

<210> 23402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23402
Arg Gly Tyr Pro Arg Leu Lys Thr Phe
1 5

<210> 23403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23403
Arg Ala Pro Thr Ala Val Pro Ala Phe
1 5

<210> 23404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23404
Leu Arg Arg Gly Tyr Pro Arg Leu Lys
1 5

<210> 23405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23405

Ser Thr Met Ala Pro Thr Pro Pro Ser
1 5

<210> 23406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23406
Arg Ala Ser Val Pro Cys Arg Pro Met
1 5

<210> 23407
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23407
Ser Ala Arg Pro Gly Pro Trp Arg Thr
1 5

<210> 23408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23408
Arg Thr Ser Ala Met Pro Ser Ala Met
1 5

<210> 23409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23409
Ala Val Arg Thr Ser Met Leu Thr Leu
1 5

<210> 23410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23410
Gln Trp Val Asn Leu Arg Arg Gly Tyr
1 5

<210> 23411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23411
Val Asn Leu Arg Arg Gly Tyr Pro Arg
1 5

<210> 23412
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23412
Thr Pro Met Ile Ile Ser Thr Thr Arg
1 5

<210> 23413
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23413
Ser Thr Thr Arg Gln Glu Cys Gly Arg
1 5

<210> 23414
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23414
Thr Leu Cys Pro Ala His Pro Ala Arg
1 5

<210> 23415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23415
Cys Ala Ala Cys Pro Cys Ser Pro Ala
1 5

<210> 23416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23416
Thr Ala Val Pro Ala Phe Thr Pro Leu
1 5

<210> 23417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23417
Tyr Pro Arg Leu Lys Thr Phe Gly Val
1 5

<210> 23418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23418
Ala Pro Thr Pro Pro Ser Thr Pro Met
1 5

<210> 23419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23419
Arg Pro Gly Pro Trp Arg Thr Ser Ala
1 5

<210> 23420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23420
Met Pro Ser Ala Met Gly Val Ala Leu
1 5

<210> 23421
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23421
Ser Pro Pro Ala Thr Gly Gly Arg Met
1 5

<210> 23422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23422
Ala Pro Pro Gly Ser Gln Ser Ile Met

1 5

<210> 23423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23423
Met Pro Pro Leu Ala Pro Cys Ala Ala
1 5

<210> 23424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23424
Cys Pro Cys Ser Pro Ala Pro Thr Leu
1 5

<210> 23425
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23425
Ser Pro Ala Pro Thr Leu Cys Pro Ala
1 5

<210> 23426
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23426
His Pro Ala Arg Ala Pro Thr Ala Val
1 5

<210> 23427

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23427
Val Pro Ala Phe Thr Pro Leu Ser Ala
1 5

<210> 23428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23428
Val Pro Val Leu Ser Gly Cys His Leu
1 5

<210> 23429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23429
Ser Gln Ser Ile Met Met Ser Trp Met
1 5

<210> 23430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23430
Thr Ser Met Leu Thr Leu Leu Pro Met
1 5

<210> 23431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23431
Phe Gly Val Pro Leu Gly Ser Ile Leu
1 5

<210> 23432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23432
Arg Gln Glu Cys Gly Arg Arg Ala Ser
1 5

<210> 23433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23433
Ile Gly Ser Ala Arg Pro Gly Pro Trp
1 5

<210> 23434
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23434
Trp Arg Thr Ser Ala Met Pro Ser Ala
1 5

<210> 23435
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23435
Ser Ala Met Gly Val Ala Leu Pro Thr
1 5

<210> 23436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23436
Cys Glu Ser Gly Arg Ser Pro Pro Ala
1 5

<210> 23437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23437
Ser Gln Ala Pro Pro Gly Ser Gln Ser
1 5

<210> 23438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23438
Gly Ser Gln Ser Ile Met Met Ser Trp
1 5

<210> 23439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23439
Met Ser Trp Met Pro Pro Leu Ala Pro
1 5

<210> 23440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23440
Ala Arg Ala Pro Thr Ala Val Pro Ala
1 5

<210> 23441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23441
Leu Ser Ala His Pro Val Pro Val Leu
1 5

<210> 23442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23442
Cys His Leu Ala Val Arg Thr Ser Met
1 5

<210> 23443
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23443
Val Arg Thr Ser Met Leu Thr Leu Leu
1 5

<210> 23444
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23444
Val Pro Leu Gly Ser Ile Leu Cys Leu
1 5

<210> 23445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23445
Gln Glu Cys Gly Arg Arg Ala Ser Val
1 5

<210> 23446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23446
Thr Pro Pro Ser Thr Pro Met Ile Ile
1 5

<210> 23447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23447
Arg Thr Ser Met Leu Thr Leu Leu Pro Met
1 5 10

<210> 23448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23448
Cys Leu Ala Gly Ser Leu Ser Thr Met Ala
1 5 10

<210> 23449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23449
Ala Met Pro Ser Ala Met Gly Val Ala Leu
1 5 10

<210> 23450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23450
Ser Ile Met Met Ser Trp Met Pro Pro Leu
1 5 10

<210> 23451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23451
Ile Met Met Ser Trp Met Pro Pro Leu Ala
1 5 10

<210> 23452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23452
Trp Met Pro Pro Leu Ala Pro Cys Ala Ala
1 5 10

<210> 23453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23453
Lys Thr Phe Gly Val Pro Leu Gly Ser Ile
1 5 10

<210> 23454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23454
Ser Gln Ala Pro Pro Gly Ser Gln Ser Ile
1 5 10

<210> 23455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23455
Thr Leu Cys Pro Ala His Pro Ala Arg Ala
1 5 10

<210> 23456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23456
His Leu Ala Val Arg Thr Ser Met Leu Thr
1 5 10

<210> 23457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23457
Ala Val Arg Thr Ser Met Leu Thr Leu Leu
1 5 10

<210> 23458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23458
Asn Leu Arg Arg Gly Tyr Pro Arg Leu Lys
1 5 10

<210> 23459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23459
Trp Val Asn Leu Arg Arg Gly Tyr Pro Arg
1 5 10

<210> 23460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23460
Ser Thr Pro Met Ile Ile Ser Thr Thr Arg
1 5 10

<210> 23461
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23461
Arg Gly Tyr Pro Arg Leu Lys Thr Phe Gly
1 5 10

<210> 23462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23462
Arg Leu Lys Thr Phe Gly Val Pro Leu Gly
1 5 10

<210> 23463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23463
Ser Thr Met Ala Pro Thr Pro Pro Ser Thr
1 5 10

<210> 23464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23464
Cys Gly Arg Arg Ala Ser Val Pro Cys Arg
1 5 10

<210> 23465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23465
Arg Ala Ser Val Pro Cys Arg Pro Met Ile
1 5 10

<210> 23466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23466
Ser Ala Arg Pro Gly Pro Trp Arg Thr Ser
1 5 10

<210> 23467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23467
Pro Trp Arg Thr Ser Ala Met Pro Ser Ala
1 5 10

<210> 23468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23468
Arg Thr Ser Ala Met Pro Ser Ala Met Gly
1 5 10

<210> 23469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23469

Ser Trp Met Pro Pro Leu Ala Pro Cys Ala
1 5 10

<210> 23470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23470
Gln Gln Trp Val Asn Leu Arg Arg Gly Tyr
1 5 10

<210> 23471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23471
Pro Thr Leu Cys Pro Ala His Pro Ala Arg
1 5 10

<210> 23472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23472
Val Leu Ser Gly Cys His Leu Ala Val Arg
1 5 10

<210> 23473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23473
Met Ala Pro Thr Pro Pro Ser Thr Pro Met
1 5 10

<210> 23474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23474
Thr Ser Ala Met Pro Ser Ala Met Gly Val
1 5 10

<210> 23475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23475
Tyr Pro Arg Leu Lys Thr Phe Gly Val Pro
1 5 10

<210> 23476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23476
Ala Pro Thr Pro Pro Ser Thr Pro Met Ile
1 5 10

<210> 23477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23477
Arg Pro Met Ile Gly Ser Ala Arg Pro Gly
1 5 10

<210> 23478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23478
Arg Pro Gly Pro Trp Arg Thr Ser Ala Met
1 5 10

<210> 23479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23479
Ala Pro Pro Gly Ser Gln Ser Ile Met Met
1 5 10

<210> 23480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23480
Ala Pro Thr Leu Cys Pro Ala His Pro Ala
1 5 10

<210> 23481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23481
Cys Pro Ala His Pro Ala Arg Ala Pro Thr
1 5 10

<210> 23482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23482
Thr Pro Leu Ser Ala His Pro Val Pro Val
1 5 10

<210> 23483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23483
Arg Arg Gly Tyr Pro Arg Leu Lys Thr Phe
1 5 10

<210> 23484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23484
Leu Cys Leu Ala Gly Ser Leu Ser Thr Met
1 5 10

<210> 23485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23485
Arg Gln Glu Cys Gly Arg Arg Ala Ser Val
1 5 10

<210> 23486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23486
Arg Arg Ala Ser Val Pro Cys Arg Pro Met

1 5 10

<210> 23487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23487
Met Ile Gly Ser Ala Arg Pro Gly Pro Trp
1 5 10

<210> 23488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23488
Trp Arg Thr Ser Ala Met Pro Ser Ala Met
1 5 10

<210> 23489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23489
Ser Ala Met Pro Ser Ala Met Gly Val Ala
1 5 10

<210> 23490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23490
Arg Met Pro Pro Ser Gly Ser Gln Ala Pro
1 5 10

<210> 23491

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23491
Met Met Ser Trp Met Pro Pro Leu Ala Pro
1 5 10

<210> 23492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23492
Ala Arg Ala Pro Thr Ala Val Pro Ala Phe
1 5 10

<210> 23493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23493
Gly Cys His Leu Ala Val Arg Thr Ser Met
1 5 10

<210> 23494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23494
Cys His Leu Ala Val Arg Thr Ser Met Leu
1 5 10

<210> 23495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23495
Leu Ala Val Arg Thr Ser Met Leu Thr Leu
1 5 10

<210> 23496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23496
Met Pro Ser Ala Met Gly Val Ala Leu Pro
1 5 10

<210> 23497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23497
Met Pro Pro Leu Ala Pro Cys Ala Ala Cys
1 5 10

<210> 23498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23498
Ser Pro Ala Pro Thr Leu Cys Pro Ala His
1 5 10

<210> 23499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23499
Val Pro Ala Phe Thr Pro Leu Ser Ala His
1 5 10

<210> 23500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23500
His Pro Val Pro Val Leu Ser Gly Cys His
1 5 10

<210> 23501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23501
Cys Glu Ser Gly Arg Ser Pro Pro Ala Thr
1 5 10

<210> 23502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23502
Val Pro Leu Gly Ser Ile Leu Cys Leu Ala
1 5 10

<210> 23503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23503
Val Pro Val Leu Ser Gly Cys His Leu Ala
1 5 10

<210> 23504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23504
Arg Ser Arg Arg Val Cys Pro Lys Val
1 5

<210> 23505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23505
Arg Val Cys Pro Lys Val Arg Cys Val
1 5

<210> 23506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23506
Cys Pro Lys Val Arg Cys Val Thr Arg
1 5

<210> 23507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23507
Arg Ser Arg Arg Val Cys Pro Lys Val Arg
1 5 10

<210> 23508
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23508
Lys Leu Ile Asp Gln His Glu Thr Met
1 5

<210> 23509
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23509
Arg Thr Ala Gln Glu Val Ala Lys Leu
1 5

<210> 23510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23510
Lys Leu Ile Asp Gln His Glu Thr Met Met
1 5 10

<210> 23511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23511
Ala Lys Leu Ile Asp Gln His Glu Thr Met
1 5 10

<210> 23512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23512
Thr Gln Ile Arg Val Gln Pro Leu Ile
1 5

<210> 23513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23513
Leu Thr Gln Ile Arg Val Gln Pro Leu
1 5

<210> 23514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23514
Leu Lys Phe Leu Thr Gln Ile Arg Val
1 5

<210> 23515
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23515
Ile Arg Val Gln Pro Leu Ile Asn Leu
1 5

<210> 23516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23516
Val Gln Pro Leu Ile Asn Leu Gln Met
1 5

<210> 23517
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23517
Phe Leu Thr Gln Ile Arg Val Gln Pro Leu
1 5 10

<210> 23518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23518
Ala Leu Lys Phe Leu Thr Gln Ile Arg Val
1 5 10

<210> 23519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23519
Gln Ile Arg Val Gln Pro Leu Ile Asn Leu
1 5 10

<210> 23520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23520
Arg Val Gln Pro Leu Ile Asn Leu Gln Met
1 5 10

<210> 23521
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23521
Leu Leu Ala Pro Met Asp Phe Tyr Arg
1 5

<210> 23522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23522
Leu Ala Pro Met Asp Phe Tyr Arg Phe
1 5

<210> 23523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23523
Gly Leu Leu Ala Pro Met Asp Phe Tyr
1 5

<210> 23524
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23524
Phe Ser Glu Gly Leu Leu Ala Pro Met
1 5

<210> 23525
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23525
Leu Leu Ala Pro Met Asp Phe Tyr Arg Phe
1 5 10

<210> 23526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23526
Gly Leu Leu Ala Pro Met Asp Phe Tyr Arg
1 5 10

<210> 23527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23527
Ser Glu Gly Leu Leu Ala Pro Met Asp Phe
1 5 10

<210> 23528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23528
Asp Phe Ser Glu Gly Leu Leu Ala Pro Met
1 5 10

<210> 23529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23529
Ala Thr Tyr Thr Pro Arg His Pro Arg
1 5

<210> 23530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23530
Ala Thr Tyr Thr Pro Arg His Pro Arg Ser
1 5 10

<210> 23531
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23531
Gly Ala Thr Tyr Thr Pro Arg His Pro Arg
1 5 10

<210> 23532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23532
Gly Met Asp Asp Ser Pro Gln Pro Ala
1 5

<210> 23533
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23533

Gly Met Asp Asp Ser Pro Gln Pro Ala Lys
1 5 10

<210> 23534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23534
Ser Pro Gln Pro Ala Lys Pro Ser Gln Ala
1 5 10

<210> 23535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23535
Ala Leu Glu Ser Ser Val Trp Gly Leu
1 5

<210> 23536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23536
Glu Ser Ser Val Trp Gly Leu Pro Ala
1 5

<210> 23537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23537
Ser Val Trp Gly Leu Pro Ala Gly Ala
1 5

<210> 23538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23538
Val Glu Ala Leu Glu Ser Ser Val Trp
1 5

<210> 23539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23539
Glu Ala Leu Glu Ser Ser Val Trp Gly Leu
1 5 10

<210> 23540
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23540
Ser Ser Val Trp Gly Leu Pro Ala Gly Ala
1 5 10

<210> 23541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23541
Leu Glu Ser Ser Val Trp Gly Leu Pro Ala
1 5 10

<210> 23542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23542
Ser Phe Glu Val Gly Val Trp Ser Ile
1 5

<210> 23543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23543
Lys Gly His Ser Phe Glu Val Gly Val
1 5

<210> 23544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23544
Gly Val Trp Ser Ile Gly Cys Ile Met
1 5

<210> 23545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23545
Phe Glu Val Gly Val Trp Ser Ile Gly
1 5

<210> 23546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23546
Gly Val Trp Ser Ile Gly Cys Ile Met Tyr
1 5 10

<210> 23547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23547
His Ser Phe Glu Val Gly Val Trp Ser Ile
1 5 10

<210> 23548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23548
Glu Val Gly Val Trp Ser Ile Gly Cys Ile
1 5 10

<210> 23549
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23549
Lys Gly His Ser Phe Glu Val Gly Val Trp
1 5 10

<210> 23550
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23550
Val Gly Val Trp Ser Ile Gly Cys Ile Met

1 5 10

<210> 23551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23551
Phe Glu Val Gly Val Trp Ser Ile Gly Cys
1 5 10

<210> 23552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23552
Arg Val Cys Gly Thr Ala Tyr Ser Val
1 5

<210> 23553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23553
Ser Val Ser Ala Pro Leu Pro Ala Ala
1 5

<210> 23554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23554
Ser Gly Arg Val Cys Gly Thr Ala Tyr
1 5

<210> 23555

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23555
Ala Ala Thr Pro Gly Leu Ser Pro Arg
1 5

<210> 23556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23556
Thr Ala Tyr Ser Val Ser Ala Pro Leu
1 5

<210> 23557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23557
Tyr Ser Val Ser Ala Pro Leu Pro Ala
1 5

<210> 23558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23558
Ala Pro Leu Pro Ala Ala Ala Ala Thr
1 5

<210> 23559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23559
Leu Pro Ala Ala Ala Ala Thr Pro Gly
1 5

<210> 23560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23560
Leu Ser Pro Arg Gln Gly His Pro Phe
1 5

<210> 23561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23561
Arg Gln Gly His Pro Phe Pro Ala Gln
1 5

<210> 23562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23562
Val Ser Gly Arg Val Cys Gly Thr Ala Tyr
1 5 10

<210> 23563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23563
Gly Thr Ala Tyr Ser Val Ser Ala Pro Leu
1 5 10

<210> 23564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23564
Ser Val Ser Ala Pro Leu Pro Ala Ala Ala
1 5 10

<210> 23565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23565
Ala Ala Ala Thr Pro Gly Leu Ser Pro Arg
1 5 10

<210> 23566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23566
Tyr Ser Val Ser Ala Pro Leu Pro Ala Ala
1 5 10

<210> 23567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23567
Leu Pro Ala Ala Ala Ala Thr Pro Gly Leu
1 5 10

<210> 23568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23568
Ser Pro Arg Gln Gly His Pro Phe Pro Ala
1 5 10

<210> 23569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23569
His Pro Phe Pro Ala Gln Gln Arg Gly Leu
1 5 10

<210> 23570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23570
Gly Leu Ser Pro Arg Gln Gly His Pro Phe
1 5 10

<210> 23571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23571
Gly Arg Val Cys Gly Thr Ala Tyr Ser Val
1 5 10

<210> 23572
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23572
Phe Trp Pro Cys Leu Trp Asn Ser Leu
1 5

<210> 23573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23573
Cys Leu Trp Asn Ser Leu Leu Arg Phe
1 5

<210> 23574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23574
Asn Ser Leu Leu Arg Phe Cys Pro Ala
1 5

<210> 23575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23575
Thr Thr Arg Ser Ser Met Asn Pro Thr
1 5

<210> 23576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23576
Arg Ser Ser Met Asn Pro Thr Ser Leu
1 5

<210> 23577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23577
Arg Ser Ser Arg Thr Thr Ser Gln Leu
1 5

<210> 23578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23578
Ser Pro Phe Ser Cys Thr Thr Thr Arg
1 5

<210> 23579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23579
Ser Leu Thr Pro Gly Arg Ser Ser Arg
1 5

<210> 23580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23580
Thr Ile Pro Pro Thr Gly Ser Pro Phe
1 5

<210> 23581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23581
Cys Pro Ala Ser Cys Ser Gly Cys Tyr
1 5

<210> 23582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23582
Ala Ser Cys Ser Gly Cys Tyr Ser Trp
1 5

<210> 23583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23583
Ser Cys Thr Thr Thr Arg Ser Ser Met
1 5

<210> 23584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23584
Ser Met Asn Pro Thr Ser Leu Thr Pro
1 5

<210> 23585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23585
Trp Pro Cys Leu Trp Asn Ser Leu Leu
1 5

<210> 23586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23586
Cys Phe Trp Pro Cys Leu Trp Asn Ser Leu
1 5 10

<210> 23587
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23587
Phe Trp Pro Cys Leu Trp Asn Ser Leu Leu
1 5 10

<210> 23588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23588
Trp Thr Ile Pro Pro Thr Gly Ser Pro Phe
1 5 10

<210> 23589
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23589
Thr Thr Arg Ser Ser Met Asn Pro Thr Ser
1 5 10

<210> 23590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23590
Arg Ser Ser Met Asn Pro Thr Ser Leu Thr
1 5 10

<210> 23591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23591
Thr Ser Leu Thr Pro Gly Arg Ser Ser Arg
1 5 10

<210> 23592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23592
Met Asn Pro Thr Ser Leu Thr Pro Gly Arg
1 5 10

<210> 23593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23593
Phe Ser Cys Thr Thr Thr Arg Ser Ser Met
1 5 10

<210> 23594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23594
Thr Arg Ser Ser Met Asn Pro Thr Ser Leu
1 5 10

<210> 23595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23595
Ser Met Asn Pro Thr Ser Leu Thr Pro Gly
1 5 10

<210> 23596
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23596
Gly Arg Ser Ser Arg Thr Thr Ser Gln Leu
1 5 10

<210> 23597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23597

Lys Phe Leu Val Gln Ile Asp Gln Ile
1 5

<210> 23598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23598
Val Pro Ser Gly Leu Lys Phe Leu Val
1 5

<210> 23599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23599
Gly Val Pro Ser Gly Leu Lys Phe Leu Val
1 5 10

<210> 23600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23600
Lys Phe Leu Val Gln Ile Asp Gln Ile Leu
1 5 10

<210> 23601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23601
Leu Pro Gly Val Pro Ser Gly Leu Lys Phe
1 5 10

<210> 23602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23602
Leu Lys Phe Leu Val Gln Ile Asp Gln Ile
1 5 10

<210> 23603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23603
Ile Asn Arg Ala Gln Leu Thr Asn Pro Arg
1 5 10

<210> 23604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23604
Ala Ser Ile Pro Phe Leu Asp Tyr Arg
1 5

<210> 23605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23605
Gly Ala Ser Ile Pro Phe Leu Asp Tyr
1 5

<210> 23606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23606
Asp Leu Asp Gly Ala Ser Ile Pro Phe
1 5

<210> 23607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23607
Gly Ala Ser Ile Pro Phe Leu Asp Tyr Arg
1 5 10

<210> 23608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23608
Ser Ile Pro Phe Leu Asp Tyr Arg Thr Tyr
1 5 10

<210> 23609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23609
Leu Thr Asn Asp Leu Asp Gly Ala Ser Ile
1 5 10

<210> 23610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23610
Asn Asp Leu Asp Gly Ala Ser Ile Pro Phe
1 5 10

<210> 23611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23611
Ser Thr Arg Trp Ser Leu Cys Ser Arg
1 5

<210> 23612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23612
Lys Ile Arg Ala Asp Gly Pro Pro Pro
1 5

<210> 23613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23613
Ser Ala Thr Cys Thr Ser Cys Leu Arg
1 5

<210> 23614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23614
Trp Pro Ser Pro Leu Ile Ser Ala Thr

1 5

<210> 23615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23615
Ser Pro Trp Ser His Val Ser Ser Ile
1 5

<210> 23616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23616
Ile Arg Ala Asp Gly Pro Pro Pro Met
1 5

<210> 23617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23617
Pro Met Val Gly Ser Ser Thr Arg Trp
1 5

<210> 23618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23618
Val Gly Ser Ser Thr Arg Trp Ser Leu
1 5

<210> 23619

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23619
Thr Glu Ala Pro Ser Ser Gly Thr Trp
1 5

<210> 23620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23620
Ile Ser Ala Thr Cys Thr Ser Cys Leu
1 5

<210> 23621
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23621
Arg Asp Arg Ser Pro Gly Ser Pro Trp
1 5

<210> 23622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23622
Trp Ser His Val Ser Ser Ile Arg Leu
1 5

<210> 23623
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23623
Ser Pro Gly Ser Pro Trp Ser His Val
1 5

<210> 23624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23624
Leu Ile Ser Ala Thr Cys Thr Ser Cys Leu
1 5 10

<210> 23625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23625
Ser Ser Thr Arg Trp Ser Leu Cys Ser Arg
1 5 10

<210> 23626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23626
Ile Ser Ala Thr Cys Thr Ser Cys Leu Arg
1 5 10

<210> 23627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23627
Lys Ile Arg Ala Asp Gly Pro Pro Pro Met
1 5 10

<210> 23628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23628
Ser Thr Arg Trp Ser Leu Cys Ser Arg Thr
1 5 10

<210> 23629
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23629
Arg Trp Ser Leu Cys Ser Arg Thr Glu Ala
1 5 10

<210> 23630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23630
Met Val Gly Ser Ser Thr Arg Trp Ser Leu
1 5 10

<210> 23631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23631
Arg Thr Glu Ala Pro Ser Ser Gly Thr Trp
1 5 10

<210> 23632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23632
Trp Pro Ser Pro Leu Ile Ser Ala Thr Cys
1 5 10

<210> 23633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23633
Pro Pro Met Val Gly Ser Ser Thr Arg Trp
1 5 10

<210> 23634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23634
Lys Leu Ala Ser Asn Leu Thr Glu Leu
1 5

<210> 23635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23635
Arg Val Phe Lys Leu Ala Ser Asn Leu
1 5

<210> 23636
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23636
Leu Ala Ser Asn Leu Thr Glu Leu Arg
1 5

<210> 23637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23637
Lys Leu Ala Ser Asn Leu Thr Glu Leu Arg
1 5 10

<210> 23638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23638
Arg Val Phe Lys Leu Ala Ser Asn Leu Thr
1 5 10

<210> 23639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23639
Phe Lys Leu Ala Ser Asn Leu Thr Glu Leu
1 5 10

<210> 23640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23640
Asn Lys His Lys Ser Cys Leu Glu Cys Leu
1 5 10

<210> 23641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23641
Lys Val Cys Thr Asn Val Thr Val Lys
1 5

<210> 23642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23642
Cys Thr Asn Val Thr Val Lys Leu Arg
1 5

<210> 23643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23643
Lys Ser Ser Lys Val Cys Thr Asn Val
1 5

<210> 23644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23644
Ser Lys Val Cys Thr Asn Val Thr Val
1 5

<210> 23645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23645
Ser Ser Lys Val Cys Thr Asn Val Thr Val
1 5 10

<210> 23646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23646
Val Phe Pro Ala Arg Glu Leu Leu Phe
1 5

<210> 23647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23647
Ser Val Phe Pro Ala Arg Glu Leu Leu
1 5

<210> 23648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23648
Glu Leu Leu Phe Ala Val Phe Glu Arg
1 5

<210> 23649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23649
Ala Arg Glu Leu Leu Phe Ala Val Phe
1 5

<210> 23650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23650
Phe Pro Ala Arg Glu Leu Leu Phe Ala
1 5

<210> 23651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23651
Arg Glu Leu Leu Phe Ala Val Phe Glu
1 5

<210> 23652
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23652
Ser Val Phe Pro Ala Arg Glu Leu Leu Phe
1 5 10

<210> 23653
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23653
Phe Pro Ala Arg Glu Leu Leu Phe Ala Val
1 5 10

<210> 23654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23654
Pro Ala Arg Glu Leu Leu Phe Ala Val Phe
1 5 10

<210> 23655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23655
Arg Leu Gly Gly Pro Cys Pro Pro Ala
1 5

<210> 23656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23656
Ala Val Thr Arg Ala Ser Ala Pro Arg
1 5

<210> 23657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23657
Ala Thr Ala Ala Ala Gly Ala Trp Arg
1 5

<210> 23658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23658
Ser Ser Thr Ser Arg Ala Val Gly Arg
1 5

<210> 23659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23659
Ala Val Gly Arg Pro Pro Cys Trp Arg
1 5

<210> 23660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23660
Val Thr Arg Ala Ser Ala Pro Arg Ala
1 5

<210> 23661
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23661

Arg Ala Ser Ala Pro Arg Ala Thr Ala
1 5

<210> 23662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23662
Ala Trp Arg Gly Arg Arg Pro Pro Thr
1 5

<210> 23663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23663
Arg Gly Arg Arg Pro Pro Thr Ala Arg
1 5

<210> 23664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23664
Thr Ala Arg Ser Ser Ala Thr Thr Arg
1 5

<210> 23665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23665
Ala Ala Gly Ala Trp Arg Gly Arg Arg
1 5

<210> 23666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23666
Ser Ala Pro Arg Ala Thr Ala Ala Ala
1 5

<210> 23667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23667
Ala Pro Arg Ala Thr Ala Ala Ala Gly
1 5

<210> 23668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23668
Arg Pro Pro Thr Ala Arg Ser Ser Ala
1 5

<210> 23669
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23669
Arg Pro Pro Cys Trp Arg Gly Pro Gly
1 5

<210> 23670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23670
Arg Ala Thr Ala Ala Ala Gly Ala Trp
1 5

<210> 23671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23671
Arg Ala Val Gly Arg Pro Pro Cys Trp
1 5

<210> 23672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23672
Arg Leu Gly Gly Pro Cys Pro Pro Ala Val
1 5 10

<210> 23673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23673
Val Thr Arg Ala Ser Ala Pro Arg Ala Thr
1 5 10

<210> 23674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23674
Arg Ala Ser Ala Pro Arg Ala Thr Ala Ala
1 5 10

<210> 23675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23675
Ala Ser Ala Pro Arg Ala Thr Ala Ala Ala
1 5 10

<210> 23676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23676
Arg Ala Thr Ala Ala Ala Gly Ala Trp Arg
1 5 10

<210> 23677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23677
Ala Trp Arg Gly Arg Arg Pro Pro Thr Ala
1 5 10

<210> 23678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23678
Arg Gly Arg Arg Pro Pro Thr Ala Arg Ser

1 5 10

<210> 23679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23679
Thr Ser Arg Ala Val Gly Arg Pro Pro Cys
1 5 10

<210> 23680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23680
Arg Ala Val Gly Arg Pro Pro Cys Trp Arg
1 5 10

<210> 23681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23681
Thr Ala Ala Ala Gly Ala Trp Arg Gly Arg
1 5 10

<210> 23682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23682
Ala Ala Ala Gly Ala Trp Arg Gly Arg Arg
1 5 10

<210> 23683

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23683
Cys Pro Pro Ala Val Thr Arg Ala Ser Ala
1 5 10

<210> 23684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23684
Ala Pro Arg Ala Thr Ala Ala Ala Gly Ala
1 5 10

<210> 23685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23685
Arg Pro Pro Thr Ala Arg Ser Ser Ala Thr
1 5 10

<210> 23686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23686
Gly Pro Pro Ser Ser Thr Ser Arg Ala Val
1 5 10

<210> 23687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23687
Ala Arg Leu Gly Gly Pro Cys Pro Pro Ala
1 5 10

<210> 23688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23688
Asn Tyr Arg Lys Phe Arg Ala Arg Ile
1 5

<210> 23689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23689
Lys Phe Arg Ala Arg Ile Cys Pro Gly
1 5

<210> 23690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23690
Arg Ala Arg Ile Cys Pro Gly Glu Asn
1 5

<210> 23691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23691
Gln Asn Tyr Arg Lys Phe Arg Ala Arg
1 5

<210> 23692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23692
Lys Phe Arg Ala Arg Ile Cys Pro Gly Glu
1 5 10

<210> 23693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23693
Arg Ala Arg Ile Cys Pro Gly Glu Asn Gln
1 5 10

<210> 23694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23694
Glu Gln Asn Tyr Arg Lys Phe Arg Ala Arg
1 5 10

<210> 23695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23695
Arg Lys Phe Arg Ala Arg Ile Cys Pro Gly
1 5 10

<210> 23696
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23696
Ala Gly Phe Asp Leu Asp Trp Thr Leu
1 5

<210> 23697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23697
Trp Thr Leu Ile Thr Thr Arg Ser Gly Lys
1 5 10

<210> 23698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23698
Asp Leu Asp Trp Thr Leu Ile Thr Thr Arg
1 5 10

<210> 23699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23699
Gly Lys Val Ala Gly Phe Asp Leu Asp Trp
1 5 10

<210> 23700
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23700
Gly Ile Met Glu Arg Pro Leu His Ile
1 5

<210> 23701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23701
Ser Pro Trp Ser Gly Ile Met Glu Arg
1 5

<210> 23702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23702
Ile Met Glu Arg Pro Leu His Ile Leu
1 5

<210> 23703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23703
Gly Ile Met Glu Arg Pro Leu His Ile Leu
1 5 10

<210> 23704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23704
Asp Ser Pro Trp Ser Gly Ile Met Glu Arg
1 5 10

<210> 23705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23705
Met Glu Arg Pro Leu His Ile Leu Pro Trp
1 5 10

<210> 23706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23706
Asn Gln Ala Pro Phe Pro Pro Ser Lys
1 5

<210> 23707
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23707
Leu Val Arg Leu Asn Gln Ala Pro Phe
1 5

<210> 23708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23708
Leu Asn Gln Ala Pro Phe Pro Pro Ser Lys
1 5 10

<210> 23709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23709
Asn Gln Ala Pro Phe Pro Pro Ser Lys Arg
1 5 10

<210> 23710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23710
Ala Pro Phe Pro Pro Ser Lys Arg Lys Met
1 5 10

<210> 23711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23711
Asn Leu Val Arg Leu Asn Gln Ala Pro Phe
1 5 10

<210> 23712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23712
Arg Leu Asn Gln Ala Pro Phe Pro Pro Ser
1 5 10

<210> 23713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23713
Tyr Leu Arg Pro Pro Ser Thr Ala Thr
1 5

<210> 23714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23714
Cys Leu Thr Ser Gly Ala Ala Ala Ala
1 5

<210> 23715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23715
Thr Leu Pro Lys Leu Cys Leu Ala Leu
1 5

<210> 23716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23716
Gly Met His Thr Gln Thr Ser Arg Ala
1 5

<210> 23717
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23717
Trp Leu Ser Gln Asn Cys Leu Arg Ala
1 5

<210> 23718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23718
Ser Gln Asn Cys Leu Arg Ala Pro Leu
1 5

<210> 23719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23719
Ser Ala Ser Ser Thr Arg Ser Ala Lys
1 5

<210> 23720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23720
Ser Thr Arg Ser Ala Lys Trp Ala Thr
1 5

<210> 23721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23721
Lys Trp Ala Thr Ser Thr Gly Ala Arg
1 5

<210> 23722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23722
Gly Ala Arg Cys Leu Thr Ser Gly Ala
1 5

<210> 23723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23723
Ala Ala Cys Trp Arg Arg Cys Ser Ala
1 5

<210> 23724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23724
Arg Gly Arg Ala Arg Ser Pro Arg Val
1 5

<210> 23725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23725

Arg Ala Arg Ser Pro Arg Val Arg Ser
1 5

<210> 23726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23726
Arg Val Arg Ser Ser Pro Val Pro Thr
1 5

<210> 23727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23727
Arg Thr Leu Pro Lys Leu Cys Leu Ala
1 5

<210> 23728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23728
Thr Thr Arg Arg Ser Thr Arg Arg Ser
1 5

<210> 23729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23729
Ser Thr Arg Arg Ser Cys Trp Thr Ser
1 5

<210> 23730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23730
Arg Ser Cys Trp Thr Ser Pro Gly Met
1 5

<210> 23731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23731
Thr Ser Arg Ala Pro Gln Pro Ser Arg
1 5

<210> 23732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23732
Leu Thr Arg Thr Gly Arg Gly Leu Cys
1 5

<210> 23733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23733
Ser Ala Thr Ser Arg Gly Arg Ala Arg
1 5

<210> 23734
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23734
Trp Trp Met Thr Asn Leu Thr Thr Arg
1 5

<210> 23735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23735
Trp Met Thr Asn Leu Thr Thr Arg Arg
1 5

<210> 23736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23736
Asn Leu Thr Thr Arg Arg Ser Thr Arg
1 5

<210> 23737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23737
Leu Thr Thr Arg Arg Ser Thr Arg Arg
1 5

<210> 23738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23738
Val Trp Leu Ser Gln Asn Cys Leu Arg
1 5

<210> 23739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23739
Arg Ala Pro Leu Thr Arg Thr Gly Arg
1 5

<210> 23740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23740
Thr Ala Thr Ala Pro Trp Thr Ser Ala
1 5

<210> 23741
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23741
Ala Thr Ala Pro Trp Thr Ser Ala Ser
1 5

<210> 23742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23742
Ala Pro Trp Thr Ser Ala Ser Ser Thr

1 5

<210> 23743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23743
Ser Pro Arg Val Arg Ser Ser Pro Val
1 5

<210> 23744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23744
Val Pro Thr Pro Pro Ser Arg Thr Leu
1 5

<210> 23745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23745
Ser Pro Pro Trp Trp Met Thr Asn Leu
1 5

<210> 23746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23746
Ala Pro Gln Pro Ser Arg Ala Gln Thr
1 5

<210> 23747

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23747
Arg Ser Ala Lys Trp Ala Thr Ser Thr
1 5

<210> 23748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23748
Ala Lys Trp Ala Thr Ser Thr Gly Ala
1 5

<210> 23749
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23749
Ala Leu Ser Pro Pro Ser Pro Pro Trp
1 5

<210> 23750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23750
Ala Gln Thr Trp Arg Thr Ser Pro His
1 5

<210> 23751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23751
Pro Pro Ser Thr Ala Thr Ala Pro Trp
1 5

<210> 23752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23752
Cys Glu Tyr Leu Arg Pro Pro Ser Thr
1 5

<210> 23753
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23753
Tyr Leu Arg Pro Pro Ser Thr Ala Thr Ala
1 5 10

<210> 23754
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23754
Thr Ser Ala Ser Ser Thr Arg Ser Ala Lys
1 5 10

<210> 23755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23755
Arg Thr Leu Pro Lys Leu Cys Leu Ala Leu
1 5 10

<210> 23756
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23756
Ser Thr Ala Thr Ala Pro Trp Thr Ser Ala
1 5 10

<210> 23757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23757
Ser Thr Arg Ser Ala Lys Trp Ala Thr Ser
1 5 10

<210> 23758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23758
Ser Ala Lys Trp Ala Thr Ser Thr Gly Ala
1 5 10

<210> 23759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23759
Gly Ala Arg Cys Leu Thr Ser Gly Ala Ala
1 5 10

<210> 23760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23760
Ala Ala Ala Cys Trp Arg Arg Cys Ser Ala
1 5 10

<210> 23761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23761
Cys Trp Arg Arg Cys Ser Ala Thr Ser Arg
1 5 10

<210> 23762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23762
Thr Ser Arg Gly Arg Ala Arg Ser Pro Arg
1 5 10

<210> 23763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23763
Arg Gly Arg Ala Arg Ser Pro Arg Val Arg
1 5 10

<210> 23764
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23764
Arg Ala Arg Ser Pro Arg Val Arg Ser Ser
1 5 10

<210> 23765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23765
Arg Ser Pro Arg Val Arg Ser Ser Pro Val
1 5 10

<210> 23766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23766
Arg Val Arg Ser Ser Pro Val Pro Thr Pro
1 5 10

<210> 23767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23767
Arg Ser Ser Pro Val Pro Thr Pro Pro Ser
1 5 10

<210> 23768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23768
Thr Thr Arg Arg Ser Thr Arg Arg Ser Cys
1 5 10

<210> 23769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23769
Ser Thr Arg Arg Ser Cys Trp Thr Ser Pro
1 5 10

<210> 23770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23770
Thr Ser Arg Ala Pro Gln Pro Ser Arg Ala
1 5 10

<210> 23771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23771
Arg Ala Gln Thr Trp Arg Thr Ser Pro His
1 5 10

<210> 23772
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23772
Thr Trp Arg Thr Ser Pro His Cys Gly Ile
1 5 10

<210> 23773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23773
Cys Ser Ala Thr Ser Arg Gly Arg Ala Arg
1 5 10

<210> 23774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23774
Trp Trp Met Thr Asn Leu Thr Thr Arg Arg
1 5 10

<210> 23775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23775
Thr Asn Leu Thr Thr Arg Arg Ser Thr Arg
1 5 10

<210> 23776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23776
Asn Leu Thr Thr Arg Arg Ser Thr Arg Arg
1 5 10

<210> 23777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23777
Gln Thr Ser Arg Ala Pro Gln Pro Ser Arg
1 5 10

<210> 23778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23778
Pro Val Trp Leu Ser Gln Asn Cys Leu Arg
1 5 10

<210> 23779
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23779
Trp Thr Ser Ala Ser Ser Thr Arg Ser Ala
1 5 10

<210> 23780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23780
Arg Pro Pro Ser Thr Ala Thr Ala Pro Trp
1 5 10

<210> 23781
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23781
Thr Pro Pro Ser Arg Thr Leu Pro Lys Leu
1 5 10

<210> 23782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23782
Ala Pro Gln Pro Ser Arg Ala Gln Thr Trp
1 5 10

<210> 23783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23783
Ser Pro His Cys Gly Ile Asp Thr Pro Val
1 5 10

<210> 23784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23784
Thr Pro Val Trp Leu Ser Gln Asn Cys Leu
1 5 10

<210> 23785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23785
Ala Pro Leu Thr Arg Thr Gly Arg Gly Leu
1 5 10

<210> 23786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23786
Cys Glu Tyr Leu Arg Pro Pro Ser Thr Ala
1 5 10

<210> 23787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23787
Ser Ala Ser Ser Thr Arg Ser Ala Lys Trp
1 5 10

<210> 23788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23788
Trp Ala Thr Ser Thr Gly Ala Arg Cys Leu
1 5 10

<210> 23789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23789

Leu Ala Leu Ser Pro Pro Ser Pro Pro Trp
1 5 10

<210> 23790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23790
Ala Leu Ser Pro Pro Ser Pro Pro Trp Trp
1 5 10

<210> 23791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23791
Arg Arg Ser Cys Trp Thr Ser Pro Gly Met
1 5 10

<210> 23792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23792
Ala Gln Thr Trp Arg Thr Ser Pro His Cys
1 5 10

<210> 23793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23793
Leu Ser Gln Asn Cys Leu Arg Ala Pro Leu
1 5 10

<210> 23794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23794
Ser Gln Asn Cys Leu Arg Ala Pro Leu Thr
1 5 10

<210> 23795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23795
Leu Thr Ser Gly Ala Ala Ala Ala Cys Trp
1 5 10

<210> 23796
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23796
Leu Thr Pro Gln Pro Cys Ala Pro Ala
1 5

<210> 23797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23797
Thr Pro Gln Pro Cys Ala Pro Ala Ala
1 5

<210> 23798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23798
Cys Leu Thr Pro Gln Pro Cys Ala Pro Ala
1 5 10

<210> 23799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23799
Thr Pro Gln Pro Cys Ala Pro Ala Ala Leu
1 5 10

<210> 23800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23800
Leu Glu Lys Ile Pro Arg Gly Pro Ser Ala
1 5 10

<210> 23801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23801
Phe Leu Pro Arg Ser Leu Arg Val Val
1 5

<210> 23802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23802
Arg Ser Leu Arg Val Val Asp Leu Ala
1 5

<210> 23803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23803
Val Asp Leu Ala Ala Asn Gln Val Met
1 5

<210> 23804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23804
Arg Val Val Asp Leu Ala Ala Asn Gln Val
1 5 10

<210> 23805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23805
Arg Ser Leu Arg Val Val Asp Leu Ala Ala
1 5 10

<210> 23806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23806
Leu Pro Arg Ser Leu Arg Val Val Asp Leu

1 5 10

<210> 23807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23807
Gln Pro Gln Cys Asp His Arg Pro His Ile
1 5 10

<210> 23808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23808
Ser Gln Pro Gln Cys Asp His Arg Pro His
1 5 10

<210> 23809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23809
Thr Ser Thr Thr Val Ser Ser Ser Trp
1 5

<210> 23810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23810
Ser Thr Ser Thr Thr Val Ser Ser Ser Trp
1 5 10

<210> 23811

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23811
Tyr Ala Phe Lys Glu Val Ile Asp Lys
1 5

<210> 23812
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23812
Ala Phe Lys Glu Val Ile Asp Lys Lys
1 5

<210> 23813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23813
Tyr Ala Phe Lys Glu Val Ile Asp Lys Lys
1 5 10

<210> 23814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23814
Glu Val Ile Asp Lys Lys Asn Val Lys Val
1 5 10

<210> 23815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23815
His Met Asp Cys Leu Arg Trp Leu Lys
1 5

<210> 23816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23816
Arg Trp Leu Lys Arg Asp Ser Tyr Leu
1 5

<210> 23817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23817
Ile His Met Asp Cys Leu Arg Trp Leu
1 5

<210> 23818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23818
Leu Arg Trp Leu Lys Arg Asp Ser Tyr
1 5

<210> 23819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23819
Leu Lys Arg Asp Ser Tyr Leu Pro Val
1 5

<210> 23820
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23820
Trp Leu Lys Arg Asp Ser Tyr Leu Pro Val
1 5 10

<210> 23821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23821
Ile His Met Asp Cys Leu Arg Trp Leu Lys
1 5 10

<210> 23822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23822
Cys Leu Arg Trp Leu Lys Arg Asp Ser Tyr
1 5 10

<210> 23823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23823
His Met Asp Cys Leu Arg Trp Leu Lys Arg
1 5 10

<210> 23824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23824
Leu Arg Trp Leu Lys Arg Asp Ser Tyr Leu
1 5 10

<210> 23825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23825
Phe Val Ser Asp Ala Val Ala Thr Tyr
1 5

<210> 23826
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23826
Ala Thr Tyr Phe Val Ser Asp Ala Val
1 5

<210> 23827
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23827
Gln Pro Gln Thr Leu Ala Thr Tyr Phe
1 5

<210> 23828
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23828
Phe Val Ser Asp Ala Val Ala Thr Tyr Tyr
1 5 10

<210> 23829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23829
Thr Leu Ala Thr Tyr Phe Val Ser Asp Ala
1 5 10

<210> 23830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23830
Ala Thr Tyr Phe Val Ser Asp Ala Val Ala
1 5 10

<210> 23831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23831
Tyr Phe Val Ser Asp Ala Val Ala Thr Tyr
1 5 10

<210> 23832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23832
Leu Ala Thr Tyr Phe Val Ser Asp Ala Val
1 5 10

<210> 23833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23833
Glu Gln Pro Gln Thr Leu Ala Thr Tyr Phe
1 5 10

<210> 23834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23834
Gln Pro Gln Thr Leu Ala Thr Tyr Phe Val
1 5 10

<210> 23835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23835
Phe Leu Leu Gln Leu Val Glu Lys Thr
1 5

<210> 23836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23836
Asp Phe Leu Leu Gln Leu Val Glu Lys
1 5

<210> 23837
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23837
Ala Ala Phe Asp Phe Leu Leu Gln Leu
1 5

<210> 23838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23838
Ala Ala Phe Asp Phe Leu Leu Gln Leu Val
1 5 10

<210> 23839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23839
Phe Leu Leu Gln Leu Val Glu Lys Thr Leu
1 5 10

<210> 23840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23840
Gln Leu Val Glu Lys Thr Leu Arg His Ala
1 5 10

<210> 23841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23841
Leu Gln Leu Val Glu Lys Thr Leu Arg His
1 5 10

<210> 23842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23842
Thr Thr Lys Leu Pro Leu Lys Phe Arg
1 5

<210> 23843
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23843
Arg Asp Ala Glu Thr Asp Gln Ile Met
1 5

<210> 23844
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23844
Lys Phe Arg Asp Ala Glu Thr Asp Gln Ile
1 5 10

<210> 23845
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23845
Glu Thr Thr Lys Leu Pro Leu Lys Phe Arg
1 5 10

<210> 23846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23846
Arg Asp Ala Glu Thr Asp Gln Ile Met Met
1 5 10

<210> 23847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23847
Ala Pro Pro Gly Cys Thr Pro Gln Leu
1 5

<210> 23848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23848
Gln Thr Ile Trp Val Thr Gly Arg Lys
1 5

<210> 23849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23849
Met Gln Thr Ile Trp Val Thr Gly Arg
1 5

<210> 23850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23850
Arg Asn Met Gln Thr Ile Trp Val Thr
1 5

<210> 23851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23851
Met Gln Thr Ile Trp Val Thr Gly Arg Lys
1 5 10

<210> 23852
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23852
Asn Met Gln Thr Ile Trp Val Thr Gly Arg
1 5 10

<210> 23853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23853

Arg Asn Met Gln Thr Ile Trp Val Thr Gly
1 5 10

<210> 23854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23854
Glu Glu Arg Arg Asn Met Gln Thr Ile Trp
1 5 10

<210> 23855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23855
Lys Val Leu Met Gly Gln Cys Arg Arg
1 5

<210> 23856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23856
Val Leu Met Gly Gln Cys Arg Arg Phe
1 5

<210> 23857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23857
Leu Met Gly Gln Cys Arg Arg Phe Leu
1 5

<210> 23858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23858
Val Leu Met Gly Gln Cys Arg Arg Phe Leu
1 5 10

<210> 23859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23859
Ala Ile Lys Val Leu Met Gly Gln Cys Arg
1 5 10

<210> 23860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23860
Lys Val Leu Met Gly Gln Cys Arg Arg Phe
1 5 10

<210> 23861
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23861
Gly Gln Cys Arg Arg Phe Leu Asp Glu Leu
1 5 10

<210> 23862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23862
Leu Leu Ser Leu Phe Phe Glu Asp Leu
1 5

<210> 23863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23863
Ser Leu Phe Phe Glu Asp Leu Phe Lys
1 5

<210> 23864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23864
Leu Phe Phe Glu Asp Leu Phe Lys Lys
1 5

<210> 23865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23865
Leu Ser Leu Phe Phe Glu Asp Leu Phe
1 5

<210> 23866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23866
Phe Phe Glu Asp Leu Phe Lys Lys Phe
1 5

<210> 23867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23867
Leu Ala Gly Gln Leu Leu Ser Leu Phe
1 5

<210> 23868
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23868
Ala Gly Gln Leu Leu Ser Leu Phe Phe
1 5

<210> 23869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23869
Gln Leu Leu Ser Leu Phe Phe Glu Asp Leu
1 5 10

<210> 23870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23870
Leu Ser Leu Phe Phe Glu Asp Leu Phe Lys

1 5 10

<210> 23871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23871
Ser Leu Phe Phe Glu Asp Leu Phe Lys Lys
1 5 10

<210> 23872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23872
Leu Phe Phe Glu Asp Leu Phe Lys Lys Phe
1 5 10

<210> 23873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23873
Glu Leu Ala Gly Gln Leu Leu Ser Leu Phe
1 5 10

<210> 23874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23874
Leu Ala Gly Gln Leu Leu Ser Leu Phe Phe
1 5 10

<210> 23875

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23875
Leu Leu Ser Leu Phe Phe Glu Asp Leu Phe
1 5 10

<210> 23876
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23876
Phe Val Thr Arg Pro Gly Pro Leu Lys
1 5

<210> 23877
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23877
Gly Ala Val Ala Ser Phe Val Thr Arg
1 5

<210> 23878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23878
Ser Phe Val Thr Arg Pro Gly Pro Leu
1 5

<210> 23879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23879
Ser Phe Val Thr Arg Pro Gly Pro Leu Lys
1 5 10

<210> 23880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23880
Ala Ser Phe Val Thr Arg Pro Gly Pro Leu
1 5 10

<210> 23881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23881
Asn Gly Ala Val Ala Ser Phe Val Thr Arg
1 5 10

<210> 23882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23882
Ser Leu Gly His Trp Ser Leu Ser Phe
1 5

<210> 23883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23883
Lys Pro Ser Leu Gly His Trp Ser Leu
1 5

<210> 23884
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23884
Pro Ser Leu Gly His Trp Ser Leu Ser Phe
1 5 10

<210> 23885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23885
Leu Lys Pro Ser Leu Gly His Trp Ser Leu
1 5 10

<210> 23886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23886
Gly Pro Leu Lys Pro Ser Leu Gly His Trp
1 5 10

<210> 23887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23887
Ser Glu Val Leu Gln Ile Gln Asn Ile
1 5

<210> 23888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23888
Leu Gln Ile Gln Asn Ile Leu Thr Glu
1 5

<210> 23889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23889
Pro Pro Ala Ser Glu Val Leu Gln Ile
1 5

<210> 23890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23890
Ser Glu Val Leu Gln Ile Gln Asn Ile Leu
1 5 10

<210> 23891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23891
Asn Pro Pro Ala Ser Glu Val Leu Gln Ile
1 5 10

<210> 23892
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23892
Leu Ile Ser His Leu Met Lys Trp Ala
1 5

<210> 23893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23893
Lys Leu Ile Ser His Leu Met Lys Trp
1 5

<210> 23894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23894
Lys Lys Leu Ile Ser His Leu Met Lys
1 5

<210> 23895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23895
Ala Pro Met Pro Lys Lys Leu Ile Ser
1 5

<210> 23896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23896
Met Pro Lys Lys Leu Ile Ser His Leu
1 5

<210> 23897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23897
Ile Ser His Leu Met Lys Trp Ala His
1 5

<210> 23898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23898
Lys Leu Ile Ser His Leu Met Lys Trp Ala
1 5 10

<210> 23899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23899
Ala Pro Met Pro Lys Lys Leu Ile Ser His
1 5 10

<210> 23900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23900
Met Pro Lys Lys Leu Ile Ser His Leu Met
1 5 10

<210> 23901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23901
Lys Lys Leu Ile Ser His Leu Met Lys Trp
1 5 10

<210> 23902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23902
Lys Gln Asp Lys Cys Phe Ser Thr Phe
1 5

<210> 23903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23903
Cys Phe Ser Thr Phe Leu Ser Leu Leu
1 5

<210> 23904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23904
Lys Cys Phe Ser Thr Phe Leu Ser Leu
1 5

<210> 23905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23905
Lys Gln Asp Lys Cys Phe Ser Thr Phe Leu
1 5 10

<210> 23906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23906
Leu Lys Gln Asp Lys Cys Phe Ser Thr Phe
1 5 10

<210> 23907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23907
Lys Cys Phe Ser Thr Phe Leu Ser Leu Leu
1 5 10

<210> 23908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23908
Ala Glu Lys Glu Met Asn Ser Glu Leu
1 5

<210> 23909
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23909
Lys Glu Met Asn Ser Glu Leu Ser Leu
1 5

<210> 23910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23910
Lys Glu Met Asn Ser Glu Leu Ser Leu Ser
1 5 10

<210> 23911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23911
Ala Glu Lys Glu Met Asn Ser Glu Leu Ser
1 5 10

<210> 23912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23912
Met Leu Arg Asp Thr Asp Met Asn Lys Lys
1 5 10

<210> 23913
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23913
Gln Val Met Lys Phe Leu Ile Lys Lys
1 5

<210> 23914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23914
Val Met Lys Phe Leu Ile Lys Lys Lys
1 5

<210> 23915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23915
Lys Gln Gln Val Met Lys Phe Leu Ile
1 5

<210> 23916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23916
Gln Gln Val Met Lys Phe Leu Ile Lys
1 5

<210> 23917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23917

Val His Glu Gln Lys Gln Gln Val Met
1 5

<210> 23918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23918
Glu Gln Lys Gln Gln Val Met Lys Phe
1 5

<210> 23919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23919
Gln Val Met Lys Phe Leu Ile Lys Lys Lys
1 5 10

<210> 23920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23920
Lys Gln Gln Val Met Lys Phe Leu Ile Lys
1 5 10

<210> 23921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23921
Gln Gln Val Met Lys Phe Leu Ile Lys Lys
1 5 10

<210> 23922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23922
Gly Val His Glu Gln Lys Gln Gln Val Met
1 5 10

<210> 23923
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23923
His Glu Gln Lys Gln Gln Val Met Lys Phe
1 5 10

<210> 23924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23924
Ile Tyr Gly Arg Thr Ala Leu Ile Leu
1 5

<210> 23925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23925
Asp Ile Tyr Gly Arg Thr Ala Leu Ile
1 5

<210> 23926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23926
Lys Ala Asn Leu Asn Ala Leu Asp Ile
1 5

<210> 23927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23927
Ala Asn Leu Asn Ala Leu Asp Ile Tyr
1 5

<210> 23928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23928
Leu Asp Ile Tyr Gly Arg Thr Ala Leu
1 5

<210> 23929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23929
Ala Leu Asp Ile Tyr Gly Arg Thr Ala Leu
1 5 10

<210> 23930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23930
Ile Tyr Gly Arg Thr Ala Leu Ile Leu Ala
1 5 10

<210> 23931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23931
Lys Ala Asn Leu Asn Ala Leu Asp Ile Tyr
1 5 10

<210> 23932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23932
Asn Leu Asn Ala Leu Asp Ile Tyr Gly Arg
1 5 10

<210> 23933
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23933
Lys Lys Ala Asn Leu Asn Ala Leu Asp Ile
1 5 10

<210> 23934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23934
Ser Gln Leu Arg Glu Asn Lys Tyr Leu

1 5

<210> 23935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23935
Arg Glu Asn Lys Tyr Leu Glu Asp Ile
1 5

<210> 23936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23936
Lys His Gln Ser Gln Leu Arg Glu Asn Lys
1 5 10

<210> 23937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23937
His Gln Ser Gln Leu Arg Glu Asn Lys Tyr
1 5 10

<210> 23938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23938
Asn Lys Tyr Leu Glu Asp Ile Glu Ser Val
1 5 10

<210> 23939

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23939
Cys Cys Arg Gly Gly Ser Lys Ser Lys
1 5

<210> 23940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23940
Asp Asn Ser Ala Met Lys Thr Leu Arg
1 5

<210> 23941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23941
Asn Ser Ala Met Lys Thr Leu Arg Ser Lys
1 5 10

<210> 23942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23942
His Val His Arg Glu Asp Leu Asp Lys
1 5

<210> 23943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23943
Phe Met Glu Pro Arg Tyr His Val His
1 5

<210> 23944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23944
Phe Met Glu Pro Arg Tyr His Val His Arg
1 5 10

<210> 23945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23945
Ala Thr Ile Ser Arg Phe Glu Ala Leu
1 5

<210> 23946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23946
Asp Phe Ser Gln Ala Thr Ile Ser Arg
1 5

<210> 23947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23947
Phe Ser Gln Ala Thr Ile Ser Arg Phe
1 5

<210> 23948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23948
Lys Leu Tyr Gly Asn Asp Phe Ser Gln Ala
1 5 10

<210> 23949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23949
Ser Gln Ala Thr Ile Ser Arg Phe Glu Ala
1 5 10

<210> 23950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23950
Asp Phe Ser Gln Ala Thr Ile Ser Arg Phe
1 5 10

<210> 23951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23951
Tyr Gly Asn Asp Phe Ser Gln Ala Thr Ile
1 5 10

<210> 23952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23952
Ser Thr Ile Ser Arg Phe Glu Ala Leu
1 5

<210> 23953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23953
Phe Ser Gln Ser Thr Ile Ser Arg Phe
1 5

<210> 23954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23954
Asp Phe Ser Gln Ser Thr Ile Ser Arg
1 5

<210> 23955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23955
Asp Phe Ser Gln Ser Thr Ile Ser Arg Phe
1 5 10

<210> 23956
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23956
Tyr Gly Asn Asp Phe Ser Gln Ser Thr Ile
1 5 10

<210> 23957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23957
Ser Gln Ser Thr Ile Ser Arg Phe Glu Ala
1 5 10

<210> 23958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23958
Tyr Leu Glu Gln Phe Ala Lys Gln Phe
1 5

<210> 23959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23959
Asp Glu Asp Thr Pro Thr Ser Asp Tyr
1 5

<210> 23960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23960
Thr Ser Asp Tyr Leu Glu Gln Phe Ala Lys
1 5 10

<210> 23961
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23961
Asp Tyr Leu Glu Gln Phe Ala Lys Gln Phe
1 5 10

<210> 23962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23962
Thr Pro Thr Ser Asp Tyr Leu Glu Gln Phe
1 5 10

<210> 23963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23963
Lys Val Asn Gly Leu Val Leu Arg Arg
1 5

<210> 23964
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23964
Leu Val Leu Arg Arg Thr Ala Pro Lys
1 5

<210> 23965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23965
Ser Ser Ala Pro Pro Ala Leu Pro Arg
1 5

<210> 23966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23966
Arg Ser Pro Arg Pro Gln Pro Leu Arg
1 5

<210> 23967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23967
Ser Ser His Cys Cys Arg Ser Ser Ser
1 5

<210> 23968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23968
His Gln Ala Leu Thr Pro Arg Arg Lys
1 5

<210> 23969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23969
Gly Ala Arg Gln Ala Ser Asp Leu Lys
1 5

<210> 23970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23970
Arg Thr Ala Pro Lys Thr Arg Arg Leu
1 5

<210> 23971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23971
Pro Ala Leu Pro Arg Arg Ser Pro Arg
1 5

<210> 23972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23972
Thr Gln His Gln Ala Leu Thr Pro Arg
1 5

<210> 23973
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23973
Ala Pro Ser Ser Ala Pro Pro Ala Leu
1 5

<210> 23974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23974
Arg Pro Gln Pro Leu Arg Trp Thr Ser
1 5

<210> 23975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23975
Trp Pro His Pro Thr Gln His Gln Ala
1 5

<210> 23976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23976
Arg Arg Ser Pro Arg Pro Gln Pro Leu
1 5

<210> 23977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23977
Ser His Cys Cys Arg Ser Ser Ser Trp
1 5

<210> 23978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23978
Ser Pro Arg Pro Gln Pro Leu Arg Trp
1 5

<210> 23979
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23979
Ala Ser Asp Leu Lys Val Asn Gly Leu Val
1 5 10

<210> 23980
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23980
Gly Leu Val Leu Arg Arg Thr Ala Pro Lys
1 5 10

<210> 23981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23981

Ser Ser Ala Pro Pro Ala Leu Pro Arg Arg
1 5 10

<210> 23982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23982
Val Leu Arg Arg Thr Ala Pro Lys Thr Arg
1 5 10

<210> 23983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23983
Arg Thr Ala Pro Lys Thr Arg Arg Leu Pro
1 5 10

<210> 23984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23984
Asp Leu Lys Val Asn Gly Leu Val Leu Arg
1 5 10

<210> 23985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23985
Ser Pro Ala Pro Ser Ser Ala Pro Pro Ala
1 5 10

<210> 23986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23986
Ser Pro Arg Pro Gln Pro Leu Arg Trp Thr
1 5 10

<210> 23987
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23987
Arg Pro Gln Pro Leu Arg Trp Thr Ser Ser
1 5 10

<210> 23988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23988
Trp Pro His Pro Thr Gln His Gln Ala Leu
1 5 10

<210> 23989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23989
Thr Pro Arg Arg Lys Gly Pro Pro Gly Ala
1 5 10

<210> 23990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23990
Ser Ser His Cys Cys Arg Ser Ser Ser Trp
1 5 10

<210> 23991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23991
Ser Asp Leu Lys Val Asn Gly Leu Val Leu
1 5 10

<210> 23992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23992
Lys Ser Ser His Ser His Thr Arg Lys
1 5

<210> 23993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 23993
Ser Ser His Ser His Thr Arg Lys Lys
1 5

<210> 23994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 23994
His Ser His Thr Arg Lys Lys His Lys
1 5

<210> 23995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23995
His Thr Arg Lys Lys His Lys Lys Lys
1 5

<210> 23996
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23996
Lys Ser Ser His Ser His Thr Arg Lys Lys
1 5 10

<210> 23997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23997
His Ser His Thr Arg Lys Lys His Lys Lys
1 5 10

<210> 23998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23998
Asp Ser Lys Ser Ser His Ser His Thr Arg

1 5 10

<210> 23999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 23999
Thr Leu Arg Pro Trp Leu Trp Leu Thr
1 5

<210> 24000
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24000
Trp Leu Trp Leu Thr Ala Trp Ala Ala
1 5

<210> 24001
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24001
Trp Leu Thr Ala Trp Ala Ala Ser Thr
1 5

<210> 24002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24002
Phe Val Ile Pro Pro Gln Thr Leu Arg
1 5

<210> 24003

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24003
Cys Phe Val Ile Pro Pro Gln Thr Leu
1 5

<210> 24004
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24004
Pro Gln Thr Leu Arg Pro Trp Leu Trp
1 5

<210> 24005
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24005
Asn Ala Arg Cys Ser Ser Gly Met Arg
1 5

<210> 24006
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24006
Thr Ala Trp Ala Ala Ser Thr Gly Ala
1 5

<210> 24007
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24007
Arg Pro Trp Leu Trp Leu Thr Ala Trp
1 5

<210> 24008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24008
Arg Gln Leu Gly Ala Asn Ala Arg Cys
1 5

<210> 24009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24009
Ala Asn Ala Arg Cys Ser Ser Gly Met
1 5

<210> 24010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24010
Ile Pro Pro Gln Thr Leu Arg Pro Trp
1 5

<210> 24011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24011
Thr Leu Arg Pro Trp Leu Trp Leu Thr Ala
1 5 10

<210> 24012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24012
Leu Thr Ala Trp Ala Ala Ser Thr Gly Ala
1 5 10

<210> 24013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24013
Cys Gly Arg Arg Gln Leu Gly Ala Asn Ala
1 5 10

<210> 24014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24014
Cys Phe Val Ile Pro Pro Gln Thr Leu Arg
1 5 10

<210> 24015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24015
Trp Ala Ala Ser Thr Gly Ala Cys Gly Arg
1 5 10

<210> 24016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24016
Ile Pro Pro Gln Thr Leu Arg Pro Trp Leu
1 5 10

<210> 24017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24017
Arg Pro Trp Leu Trp Leu Thr Ala Trp Ala
1 5 10

<210> 24018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24018
Arg Gln Leu Gly Ala Asn Ala Arg Cys Ser
1 5 10

<210> 24019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24019
Gly Ala Asn Ala Arg Cys Ser Ser Gly Met
1 5 10

<210> 24020
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24020
Tyr Met Glu Asp Tyr His Gln Phe Tyr
1 5

<210> 24021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24021
Lys Tyr Met Glu Asp Tyr His Gln Phe Tyr
1 5 10

<210> 24022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24022
His Gln Phe Tyr Glu Asp Val Lys Asp Ala
1 5 10

<210> 24023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24023
Tyr Glu Asp Val Lys Asp Ala Gln Glu Leu
1 5 10

<210> 24024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24024
Arg Ala Phe Trp Val Thr Asp Glu Arg
1 5

<210> 24025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24025
Ala Phe Trp Val Thr Asp Glu Arg Phe
1 5

<210> 24026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24026
Glu Ala Leu Cys Arg Ala Phe Trp Val
1 5

<210> 24027
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24027
Ala Glu Ala Leu Cys Arg Ala Phe Trp
1 5

<210> 24028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24028
Trp Val Thr Asp Glu Arg Phe Val Gln Lys
1 5 10

<210> 24029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24029
Arg Ala Phe Trp Val Thr Asp Glu Arg Phe
1 5 10

<210> 24030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24030
Ala Glu Ala Leu Cys Arg Ala Phe Trp Val
1 5 10

<210> 24031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24031
Ser Leu Pro Arg Arg Arg Phe Pro Met
1 5

<210> 24032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24032
Ser Ala Trp Ser Ser Glu Arg Leu Lys
1 5

<210> 24033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24033
Ala Ser Leu Pro Arg Arg Arg Phe Pro
1 5

<210> 24034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24034
Arg Leu Lys Val His Ser Arg Lys Trp
1 5

<210> 24035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24035
Lys Val His Ser Arg Lys Trp Thr Tyr
1 5

<210> 24036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24036
Pro Met Ser Ala Trp Ser Ser Glu Arg
1 5

<210> 24037
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24037
Met Ser Ala Trp Ser Ser Glu Arg Leu
1 5

<210> 24038
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24038
Phe Pro Met Ser Ala Trp Ser Ser Glu
1 5

<210> 24039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24039
Leu Pro Arg Arg Arg Phe Pro Met Ser
1 5

<210> 24040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24040
His Ala Ser Leu Pro Arg Arg Arg Phe
1 5

<210> 24041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24041
Arg Arg Arg Phe Pro Met Ser Ala Trp
1 5

<210> 24042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24042
Met Ser Ala Trp Ser Ser Glu Arg Leu Lys
1 5 10

<210> 24043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24043
Lys Val His Ser Arg Lys Trp Thr Tyr Arg
1 5 10

<210> 24044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24044
Ser Thr Pro Pro His Ala Ser Leu Pro Arg
1 5 10

<210> 24045
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24045

Ala Ser Leu Pro Arg Arg Arg Phe Pro Met
1 5 10

<210> 24046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24046
Ser Glu Arg Leu Lys Val His Ser Arg Lys
1 5 10

<210> 24047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24047
Arg Leu Lys Val His Ser Arg Lys Trp Thr
1 5 10

<210> 24048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24048
Phe Pro Met Ser Ala Trp Ser Ser Glu Arg
1 5 10

<210> 24049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24049
Ser Pro Ser Thr Pro Pro His Ala Ser Leu
1 5 10

<210> 24050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24050
Leu Pro Arg Arg Arg Phe Pro Met Ser Ala
1 5 10

<210> 24051
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24051
Arg Arg Phe Pro Met Ser Ala Trp Ser Ser
1 5 10

<210> 24052
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24052
Leu Lys Val His Ser Arg Lys Trp Thr Tyr
1 5 10

<210> 24053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24053
Ala Leu Arg Val Pro Cys Ser Leu Lys
1 5

<210> 24054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24054
Pro Ser Arg Thr Arg Met Arg Gly Lys
1 5

<210> 24055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24055
Arg Thr Arg Met Arg Gly Lys Lys Val
1 5

<210> 24056
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24056
Arg Met Arg Gly Lys Lys Val Pro Pro
1 5

<210> 24057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24057
Arg Gly Lys Lys Val Pro Pro Asn His
1 5

<210> 24058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24058
Ala Ser Pro Pro Arg Arg Thr Pro Ala
1 5

<210> 24059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24059
Ser Leu Lys Arg Pro Pro Ser Pro Gly
1 5

<210> 24060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24060
Ser Pro Pro Arg Arg Thr Pro Ala Leu
1 5

<210> 24061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24061
Arg Pro Pro Ser Pro Gly Ala Leu Ala
1 5

<210> 24062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24062
Lys Lys Val Pro Pro Asn His Pro Leu

1 5

<210> 24063
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24063
Leu Gln Asn Pro Glu Pro Ser Met Ala
1 5

<210> 24064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24064
Ser Leu Lys Arg Pro Pro Ser Pro Gly Ala
1 5 10

<210> 24065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24065
Pro Ser Arg Thr Arg Met Arg Gly Lys Lys
1 5 10

<210> 24066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24066
Arg Thr Arg Met Arg Gly Lys Lys Val Pro
1 5 10

<210> 24067

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24067
Arg Met Arg Gly Lys Lys Val Pro Pro Asn
1 5 10

<210> 24068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24068
Met Ala Ser Pro Pro Arg Arg Thr Pro Ala
1 5 10

<210> 24069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24069
Ala Leu Arg Val Pro Cys Ser Leu Lys Arg
1 5 10

<210> 24070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24070
Arg Pro Gly Gly Ala Gly Gly Pro Pro Ser
1 5 10

<210> 24071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24071
His Pro Leu Gln Asn Pro Glu Pro Ser Met
1 5 10

<210> 24072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24072
Thr Pro Ala Leu Arg Val Pro Cys Ser Leu
1 5 10

<210> 24073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24073
Leu Lys Arg Pro Pro Ser Pro Gly Ala Leu
1 5 10

<210> 24074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24074
Gly Lys Lys Val Pro Pro Asn His Pro Leu
1 5 10

<210> 24075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24075
Leu Gln Asn Pro Glu Pro Ser Met Ala Ser
1 5 10

<210> 24076
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24076
Thr Arg Met Val Arg Arg Ala Ala Ala
1 5

<210> 24077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24077
Arg Met Val Arg Arg Ala Ala Ala Ser
1 5

<210> 24078
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24078
Asn Leu Cys Ser Asp Asp Thr Arg Met Val
1 5 10

<210> 24079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24079
Arg Met Val Arg Arg Ala Ala Ala Ser Lys
1 5 10

<210> 24080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24080
Arg Asn Leu Cys Ser Asp Asp Thr Arg Met
1 5 10

<210> 24081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24081
Met Val Arg Trp Ala Ala Ala Ser Lys
1 5

<210> 24082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24082
Asp Thr Pro Met Val Arg Trp Ala Ala
1 5

<210> 24083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24083
Thr Pro Met Val Arg Trp Ala Ala Ala
1 5

<210> 24084
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24084
Val Arg Trp Ala Ala Ala Ser Lys Leu
1 5

<210> 24085
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24085
Cys Ser Asp Asp Thr Pro Met Val Arg Trp
1 5 10

<210> 24086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24086
Met Val Arg Trp Ala Ala Ala Ser Lys Leu
1 5 10

<210> 24087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24087
Asp Thr Pro Met Val Arg Trp Ala Ala Ala
1 5 10

<210> 24088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24088
Thr Pro Met Val Arg Trp Ala Ala Ala Ser
1 5 10

<210> 24089
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24089
Trp Ala Ala Ala Ser Lys Leu Gly Glu Phe
1 5 10

<210> 24090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24090
Asp Glu Gln Asp Leu Val Arg Leu Leu
1 5

<210> 24091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24091
Asn Leu Ala Ser Asp Glu Gln Asp Leu Val
1 5 10

<210> 24092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24092
Asp Glu Gln Asp Leu Val Arg Leu Leu Ala
1 5 10

<210> 24093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24093
Lys Phe Trp Arg Val Arg Tyr Met Val
1 5

<210> 24094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24094
Phe Trp Arg Val Arg Tyr Met Val Ala
1 5

<210> 24095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24095
Gln Ala Ala Glu Asp Lys Phe Trp Arg
1 5

<210> 24096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24096
Arg Gln Ala Ala Glu Asp Lys Phe Trp
1 5

<210> 24097
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24097
Asp Lys Phe Trp Arg Val Arg Tyr Met
1 5

<210> 24098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24098
Lys Phe Trp Arg Val Arg Tyr Met Val Ala
1 5 10

<210> 24099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24099
Gln Ala Ala Glu Asp Lys Phe Trp Arg Val
1 5 10

<210> 24100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24100
Thr Leu Arg Gln Ala Ala Glu Asp Lys Phe
1 5 10

<210> 24101
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24101
Ala Glu Asp Lys Phe Trp Arg Val Arg Tyr
1 5 10

<210> 24102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24102
Arg His Thr Lys Phe Phe Glu Glu Leu
1 5

<210> 24103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24103
Leu Glu Asp Pro Ser Asn Arg Ser Phe
1 5

<210> 24104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24104
Glu Leu Glu Asp Pro Ser Asn Arg Ser Phe
1 5 10

<210> 24105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24105
Leu Glu Asp Pro Ser Asn Arg Ser Phe Phe
1 5 10

<210> 24106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24106
Trp Thr Trp Ser Ser Arg Gly Leu Lys
1 5

<210> 24107
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24107
Cys Ser Ser Ser Ser Thr Ser Thr Arg
1 5

<210> 24108
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24108
Ser Thr Gly Ser Ala Ala Trp Thr Trp
1 5

<210> 24109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24109

Ser Ser Thr Ser Thr Arg Ser Ser Ala
1 5

<210> 24110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24110
Arg Thr Ala Ser Ala Arg Cys Trp Thr
1 5

<210> 24111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24111
Ser Ala Arg Cys Trp Thr Trp Ser Ser
1 5

<210> 24112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24112
Glu Gly Trp Thr Ala Trp Pro Ser Arg
1 5

<210> 24113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24113
Trp Thr Trp Thr Gly Thr Ala Pro Cys
1 5

<210> 24114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24114
Trp Thr Ala Trp Pro Ser Arg Pro Cys
1 5

<210> 24115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24115
Arg Pro Ala Ser Ser Thr Gly Ser Ala
1 5

<210> 24116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24116
Arg Pro Cys Pro Ser Arg Thr Ala Ser
1 5

<210> 24117
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24117
Ser Ser Ala Glu Gly Trp Thr Ala Trp
1 5

<210> 24118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24118
Lys Lys His Arg Pro Ala Ser Ser Thr
1 5

<210> 24119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24119
Ala Ser Ser Thr Gly Ser Ala Ala Trp
1 5

<210> 24120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24120
Arg Ser Ser Ala Glu Gly Trp Thr Ala
1 5

<210> 24121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24121
Ala Glu Gly Trp Thr Ala Trp Pro Ser
1 5

<210> 24122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24122
Thr Ala Ser Ala Arg Cys Trp Thr Trp
1 5

<210> 24123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24123
Arg Thr Ala Ser Ala Arg Cys Trp Thr Trp
1 5 10

<210> 24124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24124
Ser Ser Ser Thr Ser Thr Arg Ser Ser Ala
1 5 10

<210> 24125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24125
Ser Ala Arg Cys Trp Thr Trp Ser Ser Arg
1 5 10

<210> 24126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24126
Cys Trp Thr Trp Ser Ser Arg Gly Leu Lys

1 5 10

<210> 24127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24127
Ser Ser Arg Gly Leu Lys Gly Arg Ser Arg
1 5 10

<210> 24128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24128
Arg Gly Leu Lys Gly Arg Ser Arg Cys Arg
1 5 10

<210> 24129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24129
Thr Trp Ser Ser Arg Gly Leu Lys Gly Arg
1 5 10

<210> 24130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24130
Ser Ala Ala Trp Thr Trp Thr Gly Thr Ala
1 5 10

<210> 24131

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24131
Arg Pro Ala Ser Ser Thr Gly Ser Ala Ala
1 5 10

<210> 24132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24132
Arg Pro Cys Pro Ser Arg Thr Ala Ser Ala
1 5 10

<210> 24133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24133
Ser Ser Thr Gly Ser Ala Ala Trp Thr Trp
1 5 10

<210> 24134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24134
Arg Ser Ser Ala Glu Gly Trp Thr Ala Trp
1 5 10

<210> 24135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24135
Arg Cys Trp Thr Trp Ser Ser Arg Gly Leu
1 5 10

<210> 24136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24136
Ser Glu Glu Asp Lys Lys His Arg Pro Ala
1 5 10

<210> 24137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24137
Leu Thr Glu Leu Phe Ser Tyr Glu His
1 5

<210> 24138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24138
Asn Gln Leu Thr Glu Leu Phe Ser Tyr
1 5

<210> 24139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24139
Glu Leu Phe Ser Tyr Glu His Phe Tyr
1 5

<210> 24140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24140
Ala Asp Ile Asn Gln Leu Thr Glu Leu
1 5

<210> 24141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24141
Thr Glu Leu Phe Ser Tyr Glu His Phe
1 5

<210> 24142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24142
Glu Leu Phe Ser Tyr Glu His Phe Tyr Val
1 5 10

<210> 24143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24143
Leu Phe Ser Tyr Glu His Phe Tyr Val Ile
1 5 10

<210> 24144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24144
Ile Asn Gln Leu Thr Glu Leu Phe Ser Tyr
1 5 10

<210> 24145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24145
Ala Asp Ile Asn Gln Leu Thr Glu Leu Phe
1 5 10

<210> 24146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24146
Leu Thr Glu Leu Phe Ser Tyr Glu His Phe
1 5 10

<210> 24147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24147
Thr Glu Leu Phe Ser Tyr Glu His Phe Tyr
1 5 10

<210> 24148
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24148
Tyr Leu Ser Val Tyr His Pro Gln Leu
1 5

<210> 24149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24149
Lys Tyr Leu Ser Val Tyr His Pro Gln
1 5

<210> 24150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24150
Lys Val Lys Tyr Leu Ser Val Tyr His
1 5

<210> 24151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24151
Leu Pro Leu His Lys Val Lys Tyr Leu
1 5

<210> 24152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24152
Leu His Lys Val Lys Tyr Leu Ser Val
1 5

<210> 24153
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24153
His Lys Val Lys Tyr Leu Ser Val Tyr
1 5

<210> 24154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24154
Tyr Leu Ser Val Tyr His Pro Gln Leu Ala
1 5 10

<210> 24155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24155
Leu Leu Pro Leu His Lys Val Lys Tyr Leu
1 5 10

<210> 24156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24156
Lys Tyr Leu Ser Val Tyr His Pro Gln Leu
1 5 10

<210> 24157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24157
Lys Val Lys Tyr Leu Ser Val Tyr His Pro
1 5 10

<210> 24158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24158
Val Leu Leu Pro Leu His Lys Val Lys Tyr
1 5 10

<210> 24159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24159
Leu His Lys Val Lys Tyr Leu Ser Val Tyr
1 5 10

<210> 24160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24160
His Lys Val Lys Tyr Leu Ser Val Tyr His
1 5 10

<210> 24161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24161
His Tyr Ile His Ser Asp Ser Asp Phe
1 5

<210> 24162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24162
Ser Asp Phe Ser Asn Asn Ser Ser Phe
1 5

<210> 24163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24163
Leu His Tyr Ile His Ser Asp Ser Asp Phe
1 5 10

<210> 24164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24164
Cys Tyr Cys Cys Gly Asn Ile Ala Ser Ile
1 5 10

<210> 24165
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24165
Tyr Cys Cys Gly Asn Ile Ala Ser Ile Met
1 5 10

<210> 24166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24166
Tyr Leu Leu Asp Ser Phe Gly Leu Lys
1 5

<210> 24167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24167
Val Tyr Leu Leu Asp Ser Phe Gly Leu
1 5

<210> 24168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24168
Gln Leu Val Tyr Leu Leu Asp Ser Phe
1 5

<210> 24169
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24169
Met Glu Glu Gln Leu Val Tyr Leu Leu
1 5

<210> 24170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24170
Leu Val Tyr Leu Leu Asp Ser Phe Gly Leu
1 5 10

<210> 24171
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24171
Tyr Leu Leu Asp Ser Phe Gly Leu Lys Thr
1 5 10

<210> 24172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24172
Leu Leu Asp Ser Phe Gly Leu Lys Thr Leu
1 5 10

<210> 24173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24173

Glu Gln Leu Val Tyr Leu Leu Asp Ser Phe
1 5 10

<210> 24174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24174
Arg Asp Ser Ser Thr Phe Pro Lys Lys
1 5

<210> 24175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24175
Glu Pro Lys Arg Asp Ser Ser Thr Phe
1 5

<210> 24176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24176
Ser Glu Pro Lys Arg Asp Ser Ser Thr Phe
1 5 10

<210> 24177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24177
Met Ala His Gly Ser Phe Leu Asn Ala
1 5

<210> 24178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24178
Ser Phe Leu Asn Ala Lys Arg Asn Lys
1 5

<210> 24179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24179
His Gly Ser Phe Leu Asn Ala Lys Arg
1 5

<210> 24180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24180
Glu Ala Met Ala His Gly Ser Phe Leu
1 5

<210> 24181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24181
Ser Glu Ala Met Ala His Gly Ser Phe
1 5

<210> 24182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24182
Ala Met Ala His Gly Ser Phe Leu Asn Ala
1 5 10

<210> 24183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24183
Met Ala His Gly Ser Phe Leu Asn Ala Lys
1 5 10

<210> 24184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24184
Gly Ser Phe Leu Asn Ala Lys Arg Asn Lys
1 5 10

<210> 24185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24185
Trp Ser Glu Ala Met Ala His Gly Ser Phe
1 5 10

<210> 24186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24186
Ser Glu Ala Met Ala His Gly Ser Phe Leu
1 5 10

<210> 24187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24187
Arg Met Arg Glu Gln Gln Pro Leu Thr
1 5

<210> 24188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24188
Glu Gln Gln Pro Leu Thr Val Phe Val
1 5

<210> 24189
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24189
Arg Glu Gln Gln Pro Leu Thr Val Phe
1 5

<210> 24190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24190
Arg Met Arg Glu Gln Gln Pro Leu Thr Val

1 5 10

<210> 24191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24191
Cys Pro Arg Met Arg Glu Gln Gln Pro Leu
1 5 10

<210> 24192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24192
Met Arg Glu Gln Gln Pro Leu Thr Val Phe
1 5 10

<210> 24193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24193
Arg Glu Gln Gln Pro Leu Thr Val Phe Val
1 5 10

<210> 24194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24194
Leu Ser His Met Asp Val Ser His Tyr
1 5

<210> 24195

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24195
Ser His Met Asp Val Ser His Tyr Val
1 5

<210> 24196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24196
Val Ser His Tyr Val Ser Pro Glu Gln Lys
1 5 10

<210> 24197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24197
Ile Leu Ser His Met Asp Val Ser His Tyr
1 5 10

<210> 24198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24198
Leu Ser His Met Asp Val Ser His Tyr Val
1 5 10

<210> 24199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24199
Leu Arg Gln Pro Lys Val Ile Val Phe
1 5

<210> 24200
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24200
Thr Pro Arg Asp Leu Arg Gln Pro Lys Val
1 5 10

<210> 24201
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24201
Asp Leu Arg Gln Pro Lys Val Ile Val Phe
1 5 10

<210> 24202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24202
Gln Pro Lys Val Ile Val Phe Cys Thr Val
1 5 10

<210> 24203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24203
Ser Trp Cys Pro Ser Ile His Gln Leu
1 5

<210> 24204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24204
His Leu Ser Trp Cys Pro Ser Ile His
1 5

<210> 24205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24205
Ser Trp Cys Pro Ser Ile His Gln Leu Lys
1 5 10

<210> 24206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24206
Cys Pro Ser Ile His Gln Leu Lys Glu Leu
1 5 10

<210> 24207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24207
Leu Ser Trp Cys Pro Ser Ile His Gln Leu
1 5 10

<210> 24208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24208
His Pro Asn Lys Lys Ala Thr Ile Leu
1 5

<210> 24209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24209
Val Pro His Leu Gln Gln Glu Ala Ile
1 5

<210> 24210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24210
Ile Pro Ser Ser Leu Arg His Leu Leu
1 5

<210> 24211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24211
Ser Pro Arg Asp His His Ala Leu Leu
1 5

<210> 24212
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24212
Leu Pro Asp Leu Pro Ser Asp Ser Leu
1 5

<210> 24213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24213
Asp Ser Leu Pro Ser His Leu Gly Phe
1 5

<210> 24214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24214
Ser Lys Ser Gln Ser Ala Asp Leu Leu
1 5

<210> 24215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24215
Leu Gln Gln Glu Ala Ile Pro Ser Ser
1 5

<210> 24216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24216
Gln Gln Glu Ala Ile Pro Ser Ser Leu
1 5

<210> 24217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24217
Leu Pro Ser Asp Ser Leu Pro Ser His
1 5

<210> 24218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24218
Leu Gln Gln Glu Ala Ile Pro Ser Ser Leu
1 5 10

<210> 24219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24219
Ala Ile Pro Ser Ser Leu Arg His Leu Leu
1 5 10

<210> 24220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24220
Leu Leu Lys Gly Ala Asp Leu Pro Asp Leu
1 5 10

<210> 24221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24221
Ser Ala Asp Leu Leu Gln Glu Ser His Lys
1 5 10

<210> 24222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24222
Ser Pro Arg Asp His His Ala Leu Leu Lys
1 5 10

<210> 24223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24223
Glu Ala Ile Pro Ser Ser Leu Arg His Leu
1 5 10

<210> 24224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24224
Ile Pro Ser Ser Leu Arg His Leu Leu Leu
1 5 10

<210> 24225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24225
Leu Pro Ser Asp Ser Leu Pro Ser His Leu
1 5 10

<210> 24226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24226
Lys Lys Ala Thr Ile Leu Lys Val Pro His
1 5 10

<210> 24227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24227
Leu Lys Val Pro His Leu Gln Gln Glu Ala
1 5 10

<210> 24228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24228
Ser Asp Ser Leu Pro Ser His Leu Gly Phe
1 5 10

<210> 24229
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24229
Lys Thr Phe Gly Gln Leu Cys Asn Leu
1 5

<210> 24230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24230
Gly Gln Leu Cys Asn Leu Lys Val His
1 5

<210> 24231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24231
Lys Thr Phe Gly Gln Leu Cys Asn Leu Lys
1 5 10

<210> 24232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24232
Gln Leu Cys Asn Leu Lys Val His Leu Arg
1 5 10

<210> 24233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24233
Ala Lys Thr Phe Gly Gln Leu Cys Asn Leu
1 5 10

<210> 24234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24234
Gly Gln Leu Cys Asn Leu Lys Val His Leu
1 5 10

<210> 24235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24235
Ala Leu Val Ser Gln His Pro Gly Val
1 5

<210> 24236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24236
Lys Lys His Glu His Glu Asn Ala Leu
1 5

<210> 24237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24237

His Glu His Glu Asn Ala Leu Val Ser
1 5

<210> 24238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24238
His Glu Asn Ala Leu Val Ser Gln His
1 5

<210> 24239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24239
Ala Leu Val Ser Gln His Pro Gly Val Leu
1 5 10

<210> 24240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24240
Leu Lys Lys His Glu His Glu Asn Ala Leu
1 5 10

<210> 24241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24241
Lys Lys His Glu His Glu Asn Ala Leu Val
1 5 10

<210> 24242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24242
Ala Glu Glu Leu Lys Pro Gln Gly Leu
1 5

<210> 24243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24243
Lys Ile His Ile Thr Ser Tyr Leu Leu
1 5

<210> 24244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24244
Ser Ala His Lys Lys Lys Glu Lys Lys
1 5

<210> 24245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24245
Asn Gly Lys Ile His Ile Thr Ser Tyr
1 5

<210> 24246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24246
Gly Lys Ile His Ile Thr Ser Tyr Leu
1 5

<210> 24247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24247
Ile Leu Asp Glu Asn Ala Asn Gly Lys Ile
1 5 10

<210> 24248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24248
Ser Leu Ser Ala His Lys Lys Lys Glu Lys
1 5 10

<210> 24249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24249
Ala Ile Leu Asp Glu Asn Ala Asn Gly Lys
1 5 10

<210> 24250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24250
Ala Asn Gly Lys Ile His Ile Thr Ser Tyr
1 5 10

<210> 24251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24251
Asn Gly Lys Ile His Ile Thr Ser Tyr Leu
1 5 10

<210> 24252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24252
Gly Lys Ile His Ile Thr Ser Tyr Leu Leu
1 5 10

<210> 24253
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24253
Ser Gly Leu Gly Met Ser Met Ala Arg
1 5

<210> 24254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24254
Gln Ala Val Asn Cys Trp Ser Gly Leu

1 5

<210> 24255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24255
Val Asn Cys Trp Ser Gly Leu Gly Met
1 5

<210> 24256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24256
Cys Trp Ser Gly Leu Gly Met Ser Met
1 5

<210> 24257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24257
Leu Gly Met Ser Met Ala Arg Asn Trp
1 5

<210> 24258
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24258
Gly Gln Ala Val Asn Cys Trp Ser Gly Leu
1 5 10

<210> 24259

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24259
Ala Val Asn Cys Trp Ser Gly Leu Gly Met
1 5 10

<210> 24260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24260
Asn Cys Trp Ser Gly Leu Gly Met Ser Met
1 5 10

<210> 24261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24261
Lys Leu Glu Asn Leu Leu Leu Leu Tyr
1 5

<210> 24262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24262
Leu Leu Tyr Leu Gln His Asn Arg Leu
1 5

<210> 24263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24263
Leu Leu Leu Tyr Leu Gln His Asn Arg
1 5

<210> 24264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24264
Leu Glu Asn Leu Leu Leu Leu Tyr Leu
1 5

<210> 24265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24265
Lys Leu Glu Asn Leu Leu Leu Leu Tyr Leu
1 5 10

<210> 24266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24266
Leu Leu Leu Tyr Leu Gln His Asn Arg Leu
1 5 10

<210> 24267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24267
Ser Lys Leu Glu Asn Leu Leu Leu Leu Tyr
1 5 10

<210> 24268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24268
Leu Leu Leu Leu Tyr Leu Gln His Asn Arg
1 5 10

<210> 24269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24269
Lys Leu Asp Gly Ser His Pro Ala Leu
1 5

<210> 24270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24270
Ser His Pro Ala Leu Leu Tyr Gly Tyr
1 5

<210> 24271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24271
Ala Leu Leu Tyr Gly Tyr Gly Gly Phe
1 5

<210> 24272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24272
Lys Leu Asp Gly Ser His Pro Ala Leu Leu
1 5 10

<210> 24273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24273
Leu Leu Tyr Gly Tyr Gly Gly Phe Asn Ile
1 5 10

<210> 24274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24274
Gly Ser His Pro Ala Leu Leu Tyr Gly Tyr
1 5 10

<210> 24275
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24275
Leu Asp Gly Ser His Pro Ala Leu Leu Tyr
1 5 10

<210> 24276
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24276
Ile Lys Leu Asp Gly Ser His Pro Ala Leu
1 5 10

<210> 24277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24277
Ala Ala Pro Pro Tyr Ile Tyr Ala Val
1 5

<210> 24278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24278
Arg Gly Ala Ala Pro Pro Tyr Ile Tyr
1 5

<210> 24279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24279
Gly Ala Ala Pro Pro Tyr Ile Tyr Ala Val
1 5 10

<210> 24280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24280
Gln Ile Arg Gly Ala Ala Pro Pro Tyr Ile
1 5 10

<210> 24281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24281
Arg Gly Ala Ala Pro Pro Tyr Ile Tyr Ala
1 5 10

<210> 24282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24282
Ile Arg Gly Ala Ala Pro Pro Tyr Ile Tyr
1 5 10

<210> 24283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24283
Met Ser Arg Ala Phe Lys Glu Thr Lys
1 5

<210> 24284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24284
Phe Lys Glu Thr Lys His Phe Pro Met
1 5

<210> 24285
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24285
Arg Ala Phe Lys Glu Thr Lys His Phe
1 5

<210> 24286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24286
Val Met Ser Arg Ala Phe Lys Glu Thr Lys
1 5 10

<210> 24287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24287
Lys Gly Pro Val Met Ser Arg Ala Phe Lys
1 5 10

<210> 24288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24288
Met Ser Arg Ala Phe Lys Glu Thr Lys His
1 5 10

<210> 24289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24289
Ala Phe Lys Glu Thr Lys His Phe Pro Met
1 5 10

<210> 24290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24290
Ser Arg Ala Phe Lys Glu Thr Lys His Phe
1 5 10

<210> 24291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24291
Ile Leu Lys Glu Arg Glu Arg Gln Lys
1 5

<210> 24292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24292
Arg Gln Lys Gly Leu Lys Leu Gly Met
1 5

<210> 24293
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24293
Lys Glu Arg Glu Arg Gln Lys Gly Leu
1 5

<210> 24294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24294
Arg Glu Arg Gln Lys Gly Leu Lys Leu
1 5

<210> 24295
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24295
Ala Ile Leu Lys Glu Arg Glu Arg Gln Lys
1 5 10

<210> 24296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24296
Lys Glu Arg Glu Arg Gln Lys Gly Leu Lys
1 5 10

<210> 24297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24297
Glu Pro Leu Leu Phe Arg Phe Phe Phe
1 5

<210> 24298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24298
Asp Glu Pro Leu Leu Phe Arg Phe Phe Phe
1 5 10

<210> 24299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24299
Lys Ala Ala Ala Pro His Thr Pro Lys
1 5

<210> 24300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24300
Ala Pro His Thr Pro Lys Glu Pro Ala
1 5

<210> 24301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24301

Ile Val Arg Glu Val Leu Pro Gln Ala
1 5

<210> 24302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24302
Arg Glu Val Leu Pro Gln Ala Ser Thr
1 5

<210> 24303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24303
Glu Val Leu Pro Gln Ala Ser Thr Trp
1 5

<210> 24304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24304
Gly Ile Val Arg Glu Val Leu Pro Gln Ala
1 5 10

<210> 24305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24305
Gln Ala Ser Thr Trp Glu Gln Gly Leu Arg
1 5 10

<210> 24306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24306
Arg Glu Val Leu Pro Gln Ala Ser Thr Trp
1 5 10

<210> 24307
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24307
Gly Ile Gln Ser Gln Ser Lys Pro Tyr
1 5

<210> 24308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24308
Lys Ala Lys Trp His Leu Gly Ile Gln Ser
1 5 10

<210> 24309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24309
Leu Gly Ile Gln Ser Gln Ser Lys Pro Tyr
1 5 10

<210> 24310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24310
Ile Gln Ser Gln Ser Lys Pro Tyr Asp Ile
1 5 10

<210> 24311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24311
Asn Trp Ser Lys Leu His Leu Thr Arg
1 5

<210> 24312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24312
His Leu Thr Arg Ser His Asn Asn Phe
1 5

<210> 24313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24313
Phe Asn Asn Trp Ser Lys Leu His Leu
1 5

<210> 24314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24314
Ser Lys Leu His Leu Thr Arg Ser His
1 5

<210> 24315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24315
His Leu Thr Arg Ser His Asn Asn Phe Val
1 5 10

<210> 24316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24316
Ser Phe Asn Asn Trp Ser Lys Leu His Leu
1 5 10

<210> 24317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24317
Asn Asn Trp Ser Lys Leu His Leu Thr Arg
1 5 10

<210> 24318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24318
Leu His Leu Thr Arg Ser His Asn Asn Phe

1 5 10

<210> 24319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24319
Asp Leu Ala Asp Ser Phe Phe Ile Val
1 5

<210> 24320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24320
Ala Gln Gly Asp Leu Ala Asp Ser Phe
1 5

<210> 24321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24321
Gly Asp Leu Ala Asp Ser Phe Phe Ile
1 5

<210> 24322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24322
Ala Gln Gly Asp Leu Ala Asp Ser Phe Phe
1 5 10

<210> 24323

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24323
Ile Ala Gln Gly Asp Leu Ala Asp Ser Phe
1 5 10

<210> 24324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24324
Gly Glu Gln Ile Ile Ala Gln Gly Asp Leu
1 5 10

<210> 24325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24325
Gly Asp Leu Ala Asp Ser Phe Phe Ile Val
1 5 10

<210> 24326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24326
Phe Val Met Glu Phe Leu Asn Gly Gly Thr
1 5 10

<210> 24327
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24327
His Leu Ser Ser Ala Ala His Leu Leu
1 5

<210> 24328
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24328
Tyr Leu Leu Arg Ser Leu Trp Val Pro
1 5

<210> 24329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24329
Gly Thr Leu Ala Ala Gly Phe Ala Val
1 5

<210> 24330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24330
Gln Val His Gly His Leu Ser Ser Ala
1 5

<210> 24331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24331
Ser Leu His Leu Arg Gly Pro Gln Ala
1 5

<210> 24332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24332
Leu Leu Arg Ser Leu Trp Val Pro Ala
1 5

<210> 24333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24333
Arg Leu His Leu Gly Cys His Arg Lys
1 5

<210> 24334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24334
Ala Val Pro Arg Ala His Asn His Lys
1 5

<210> 24335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24335
Pro Tyr Leu Leu Arg Ser Leu Trp Val
1 5

<210> 24336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24336
Leu Trp Val Pro Ala Leu Gly Thr Leu
1 5

<210> 24337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24337
Arg Pro Arg Lys Arg Gln Gly Gly Arg
1 5

<210> 24338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24338
His Asn His Lys Val Cys Trp Val Lys
1 5

<210> 24339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24339
Val Gln Arg Gln His Ala Pro Gln Val
1 5

<210> 24340
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24340
Arg Gln His Ala Pro Gln Val Arg Tyr
1 5

<210> 24341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24341
Arg Ser Leu Trp Val Pro Ala Leu Gly
1 5

<210> 24342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24342
Arg Tyr Pro Gln Leu Gln Gly Pro Tyr
1 5

<210> 24343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24343
Trp Val Lys Glu Ala Gly Asp Pro Arg
1 5

<210> 24344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24344
Gln Leu Gln Gly Pro Tyr Leu Leu Arg
1 5

<210> 24345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24345
Ser Ala Ala His Leu Leu Leu Pro Leu
1 5

<210> 24346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24346
Gly Pro Ser Gly Gln Arg Pro Gln Val
1 5

<210> 24347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24347
Arg Pro Gln Val His Gly His Leu Ser
1 5

<210> 24348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24348
Val Pro Arg Ala His Asn His Lys Val
1 5

<210> 24349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24349
Asp Pro Arg Pro Gly Gly Leu Pro Ala
1 5

<210> 24350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24350
Ala Pro Gln Val Arg Tyr Pro Gln Leu
1 5

<210> 24351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24351
Tyr Pro Gln Leu Gln Gly Pro Tyr Leu
1 5

<210> 24352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24352
Val Pro Ala Leu Gly Thr Leu Ala Ala
1 5

<210> 24353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24353
Ala Leu Gly Thr Leu Ala Ala Gly Phe
1 5

<210> 24354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24354
Arg Lys Arg Gln Gly Gly Arg Gln Ala
1 5

<210> 24355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24355
Gly Gln Arg Pro Gln Val His Gly His
1 5

<210> 24356
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24356
His Gly His Leu Ser Ser Ala Ala His
1 5

<210> 24357
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24357
Gly His Leu Ser Ser Ala Ala His Leu
1 5

<210> 24358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24358
Leu Ser Ser Ala Ala His Leu Leu Leu
1 5

<210> 24359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24359
Leu Gln Arg Leu His Leu Gly Cys His
1 5

<210> 24360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24360
Cys His Arg Lys Ala Gly Ile Pro Val
1 5

<210> 24361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24361
Lys Ala Gly Ile Pro Val Ser Ser Leu
1 5

<210> 24362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24362
Leu His Leu Arg Gly Pro Gln Ala Val
1 5

<210> 24363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24363
Arg Ala His Asn His Lys Val Cys Trp
1 5

<210> 24364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24364
Pro Gln Leu Gln Gly Pro Tyr Leu Leu
1 5

<210> 24365
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24365

Gly Pro Tyr Leu Leu Arg Ser Leu Trp
1 5

<210> 24366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24366
Leu Arg Ser Leu Trp Val Pro Ala Leu
1 5

<210> 24367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24367
His Leu Ser Ser Ala Ala His Leu Leu Leu
1 5 10

<210> 24368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24368
Leu Leu Leu Pro Leu Gln Arg Leu His Leu
1 5 10

<210> 24369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24369
Ser Leu His Leu Arg Gly Pro Gln Ala Val
1 5 10

<210> 24370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24370
Tyr Leu Leu Arg Ser Leu Trp Val Pro Ala
1 5 10

<210> 24371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24371
Leu Leu Arg Ser Leu Trp Val Pro Ala Leu
1 5 10

<210> 24372
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24372
Ser Leu Trp Val Pro Ala Leu Gly Thr Leu
1 5 10

<210> 24373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24373
Ala Leu Gly Thr Leu Ala Ala Gly Phe Ala
1 5 10

<210> 24374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24374
Ala Ala His Leu Leu Leu Pro Leu Gln Arg
1 5 10

<210> 24375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24375
Arg Tyr Pro Gln Leu Gln Gly Pro Tyr Leu
1 5 10

<210> 24376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24376
Arg Met Arg Pro Arg Lys Arg Gln Gly Gly
1 5 10

<210> 24377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24377
Leu Gln Arg Leu His Leu Gly Cys His Arg
1 5 10

<210> 24378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24378
Arg Leu His Leu Gly Cys His Arg Lys Ala
1 5 10

<210> 24379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24379
Ser Ser Leu His Leu Arg Gly Pro Gln Ala
1 5 10

<210> 24380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24380
His Leu Arg Gly Pro Gln Ala Val Pro Arg
1 5 10

<210> 24381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24381
Gln Ala Val Pro Arg Ala His Asn His Lys
1 5 10

<210> 24382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24382
Arg Ala His Asn His Lys Val Cys Trp Val

1 5 10

<210> 24383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24383
Val Gln Arg Gln His Ala Pro Gln Val Arg
1 5 10

<210> 24384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24384
Val Arg Tyr Pro Gln Leu Gln Gly Pro Tyr
1 5 10

<210> 24385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24385
Ser Ser Ala Ala His Leu Leu Leu Pro Leu
1 5 10

<210> 24386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24386
Arg Pro Gln Val His Gly His Leu Ser Ser
1 5 10

<210> 24387

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24387
Val Pro Arg Ala His Asn His Lys Val Cys
1 5 10

<210> 24388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24388
Asp Pro Arg Pro Gly Gly Leu Pro Ala Val
1 5 10

<210> 24389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24389
Tyr Pro Gln Leu Gln Gly Pro Tyr Leu Leu
1 5 10

<210> 24390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24390
Gly Pro Tyr Leu Leu Arg Ser Leu Trp Val
1 5 10

<210> 24391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24391
His Leu Gly Cys His Arg Lys Ala Gly Ile
1 5 10

<210> 24392
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24392
Gly Gln Arg Pro Gln Val His Gly His Leu
1 5 10

<210> 24393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24393
His Gly His Leu Ser Ser Ala Ala His Leu
1 5 10

<210> 24394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24394
Gly His Leu Ser Ser Ala Ala His Leu Leu
1 5 10

<210> 24395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24395
Arg Lys Ala Gly Ile Pro Val Ser Ser Leu
1 5 10

<210> 24396
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24396
Ala Gly Ile Pro Val Ser Ser Leu His Leu
1 5 10

<210> 24397
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24397
Arg Gln His Ala Pro Gln Val Arg Tyr Pro
1 5 10

<210> 24398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24398
Leu Gln Gly Pro Tyr Leu Leu Arg Ser Leu
1 5 10

<210> 24399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24399
Val Pro Ala Leu Gly Thr Leu Ala Ala Gly
1 5 10

<210> 24400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24400
Cys Leu His Ile Ser Asp Phe Ser Phe
1 5

<210> 24401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24401
Cys Leu His Ile Ser Asp Phe Ser Phe Leu
1 5 10

<210> 24402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24402
Ser Pro Gly Cys Leu His Ile Ser Asp Phe
1 5 10

<210> 24403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24403
Gly Cys Leu His Ile Ser Asp Phe Ser Phe
1 5 10

<210> 24404
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24404
Lys Gln Ile Cys Ile Pro Arg Ser Leu
1 5

<210> 24405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24405
Cys Ile Pro Arg Ser Leu Ser Val Lys
1 5

<210> 24406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24406
Lys Gln Ile Cys Ile Pro Arg Ser Leu Ser
1 5 10

<210> 24407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24407
Leu Glu Lys Gln Ile Cys Ile Pro Arg Ser
1 5 10

<210> 24408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24408
Lys Leu Met Ala Glu Val Leu Ala Met
1 5

<210> 24409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24409
Leu Met Ala Glu Val Leu Ala Met Ile
1 5

<210> 24410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24410
Asn Gln Lys Leu Met Ala Glu Val Leu
1 5

<210> 24411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24411
Ala Glu Val Leu Ala Met Ile Glu Ser
1 5

<210> 24412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24412
Gly Ile Asn Gln Lys Leu Met Ala Glu Val
1 5 10

<210> 24413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24413
Lys Leu Met Ala Glu Val Leu Ala Met Ile
1 5 10

<210> 24414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24414
Gln Lys Leu Met Ala Glu Val Leu Ala Met
1 5 10

<210> 24415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24415
Ala Glu Val Leu Ala Met Ile Glu Ser Thr
1 5 10

<210> 24416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24416
Gly Val Ile Glu Asp Phe Ile Asn Ala
1 5

<210> 24417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24417
Gly Val Ile Glu Asp Phe Ile Asn Ala Leu
1 5 10

<210> 24418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24418
Gln Pro Asn Asn Gln Leu Asn Pro Ile
1 5

<210> 24419
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24419
Lys Gln Pro Asn Asn Gln Leu Asn Pro Ile
1 5 10

<210> 24420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24420
Leu Leu Ser Pro Cys Asn Ala Ser Ile
1 5

<210> 24421
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24421
Ser Ile Met Cys Pro Leu Asn Pro Ala
1 5

<210> 24422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24422
Ile Met Cys Pro Leu Asn Pro Ala Ala
1 5

<210> 24423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24423
Ser Pro Pro Ser Pro Ser Ser Leu Leu
1 5

<210> 24424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24424
Leu Ser Pro Cys Asn Ala Ser Ile Met
1 5

<210> 24425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24425
Ser Leu Leu Ser Pro Cys Asn Ala Ser Ile
1 5 10

<210> 24426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24426
Ser Ile Met Cys Pro Leu Asn Pro Ala Ala
1 5 10

<210> 24427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24427
Leu Leu Ser Pro Cys Asn Ala Ser Ile Met
1 5 10

<210> 24428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24428
Pro Pro Ser Pro Pro Ser Pro Ser Ser Leu
1 5 10

<210> 24429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24429

Ser Pro Pro Pro Gln Pro Pro Gln Pro Val
1 5 10

<210> 24430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24430
Val Tyr Phe Gly Gln Val Leu Gly Met
1 5

<210> 24431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24431
Arg Val Tyr Phe Gly Gln Val Leu Gly
1 5

<210> 24432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24432
His Arg Val Tyr Phe Gly Gln Val Leu
1 5

<210> 24433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24433
Arg Val Tyr Phe Gly Gln Val Leu Gly Met
1 5 10

<210> 24434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24434
Val Leu Gly Met Cys Asp Gln Ile Ser Phe
1 5 10

<210> 24435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24435
Gly Gln Val Leu Gly Met Cys Asp Gln Ile
1 5 10

<210> 24436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24436
Ile Ile Arg Asp Phe Phe Pro Thr Val
1 5

<210> 24437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24437
Gly Phe Thr Ile Ile Arg Asp Phe Phe
1 5

<210> 24438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24438
Thr Ile Ile Arg Asp Phe Phe Pro Thr
1 5

<210> 24439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24439
Ala Pro Phe Tyr Gly Phe Thr Ile Ile
1 5

<210> 24440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24440
Tyr Gly Phe Thr Ile Ile Arg Asp Phe
1 5

<210> 24441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24441
Ile Arg Asp Phe Phe Pro Thr Val Phe
1 5

<210> 24442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24442
Thr Ile Ile Arg Asp Phe Phe Pro Thr Val
1 5 10

<210> 24443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24443
Phe Tyr Gly Phe Thr Ile Ile Arg Asp Phe
1 5 10

<210> 24444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24444
Tyr Gly Phe Thr Ile Ile Arg Asp Phe Phe
1 5 10

<210> 24445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24445
Ala Pro Phe Tyr Gly Phe Thr Ile Ile Arg
1 5 10

<210> 24446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24446
Phe Thr Ile Ile Arg Asp Phe Phe Pro Thr

1 5 10

<210> 24447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24447
Ile Ile Arg Asp Phe Phe Pro Thr Val Phe
1 5 10

<210> 24448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24448
Lys Leu Met Phe Phe Ile Pro Val Ile
1 5

<210> 24449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24449
Phe Ile Pro Val Ile Pro Ala Pro Ile
1 5

<210> 24450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24450
Lys Ala Lys Leu Met Phe Phe Ile Pro
1 5

<210> 24451

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24451
Met Phe Phe Ile Pro Val Ile Pro Ala
1 5

<210> 24452
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24452
Lys Lys Ala Lys Leu Met Phe Phe Ile
1 5

<210> 24453
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24453
Ala Lys Leu Met Phe Phe Ile Pro Val
1 5

<210> 24454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24454
Leu Met Phe Phe Ile Pro Val Ile Pro Ala
1 5 10

<210> 24455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24455
Phe Phe Ile Pro Val Ile Pro Ala Pro Ile
1 5 10

<210> 24456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24456
Lys Ala Lys Leu Met Phe Phe Ile Pro Val
1 5 10

<210> 24457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24457
Ala Lys Leu Met Phe Phe Ile Pro Val Ile
1 5 10

<210> 24458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24458
Ser Phe Gln Gln Leu Asp Ser Ala Arg
1 5

<210> 24459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24459
Gln Ser Phe Gln Gln Leu Asp Ser Ala Arg
1 5 10

<210> 24460
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24460
Arg Trp Lys Ala Ala Arg Leu Val Ala
1 5

<210> 24461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24461
Asp Leu Arg Trp Lys Ala Ala Arg Leu
1 5

<210> 24462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24462
Trp Lys Ala Ala Arg Leu Val Ala Ala
1 5

<210> 24463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24463
Leu Arg Trp Lys Ala Ala Arg Leu Val
1 5

<210> 24464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24464
Leu Pro Pro Asp Leu Arg Trp Lys Ala
1 5

<210> 24465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24465
Ser Leu Pro Pro Asp Leu Arg Trp Lys Ala
1 5 10

<210> 24466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24466
Gln Ser Leu Pro Pro Asp Leu Arg Trp Lys
1 5 10

<210> 24467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24467
Arg Trp Lys Ala Ala Arg Leu Val Ala Ala
1 5 10

<210> 24468
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24468
Asp Leu Arg Trp Lys Ala Ala Arg Leu Val
1 5 10

<210> 24469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24469
Val Gln Ser Leu Pro Pro Asp Leu Arg Trp
1 5 10

<210> 24470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24470
Leu Arg Trp Lys Ala Ala Arg Leu Val Ala
1 5 10

<210> 24471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24471
Leu Pro Pro Asp Leu Arg Trp Lys Ala Ala
1 5 10

<210> 24472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24472
Gln Leu Thr Arg Ala Leu Ala Ile Leu
1 5

<210> 24473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24473
Lys Ile Gly Gln Leu Thr Arg Ala Leu
1 5

<210> 24474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24474
Gly Gln Leu Thr Arg Ala Leu Ala Ile
1 5

<210> 24475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24475
Ala Leu Ala Ile Leu Glu Lys Ser Arg Leu
1 5 10

<210> 24476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24476
Leu Thr Arg Ala Leu Ala Ile Leu Glu Lys
1 5 10

<210> 24477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24477
Lys Ile Gly Gln Leu Thr Arg Ala Leu Ala
1 5 10

<210> 24478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24478
Arg Ala Leu Ala Ile Leu Glu Lys Ser Arg
1 5 10

<210> 24479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24479
Glu Lys Ile Gly Gln Leu Thr Arg Ala Leu
1 5 10

<210> 24480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24480
Gly Gln Leu Thr Arg Ala Leu Ala Ile Leu
1 5 10

<210> 24481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24481
Ala Ala Ser Ser Thr Ala Ala Pro Val
1 5

<210> 24482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24482
Ser Thr Ala Ala Pro Val Ile Thr Ala
1 5

<210> 24483
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24483
Thr Pro Ala Pro Ala Ala Ser Ser Thr
1 5

<210> 24484
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24484
Ala Pro Ala Ala Ser Ser Thr Ala Ala
1 5

<210> 24485
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24485
Ala Ser Ser Thr Ala Ala Pro Val Ile
1 5

<210> 24486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24486
Thr Ala Ala Pro Val Ile Thr Ala Pro Thr
1 5 10

<210> 24487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24487
Thr Pro Ala Pro Ala Ala Ser Ser Thr Ala
1 5 10

<210> 24488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24488
Ala Pro Ala Ala Ser Ser Thr Ala Ala Pro
1 5 10

<210> 24489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24489
Ala Ala Ser Ser Thr Ala Ala Pro Val Ile
1 5 10

<210> 24490
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24490
Leu Ser Trp Gly Thr Val Ser Pro Tyr
1 5

<210> 24491
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24491
Tyr Leu Ser Trp Gly Thr Val Ser Pro
1 5

<210> 24492
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24492
Thr Val Ser Pro Tyr Ser Ala Met Ala
1 5

<210> 24493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24493

Gly Thr Val Ser Pro Tyr Ser Ala Met
1 5

<210> 24494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24494
Thr Asp Tyr Leu Ser Trp Gly Thr Val
1 5

<210> 24495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24495
Pro Thr Asp Tyr Leu Ser Trp Gly Thr Val
1 5 10

<210> 24496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24496
Tyr Leu Ser Trp Gly Thr Val Ser Pro Tyr
1 5 10

<210> 24497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24497
Val Ser Pro Tyr Ser Ala Met Ala Thr Tyr
1 5 10

<210> 24498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24498
Trp Gly Thr Val Ser Pro Tyr Ser Ala Met
1 5 10

<210> 24499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24499
Thr Leu Asn Asn Asn Ile Met Leu Ile
1 5

<210> 24500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24500
Lys Thr Leu Asn Asn Asn Ile Met Leu
1 5

<210> 24501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24501
Arg Lys Thr Leu Asn Asn Asn Ile Met
1 5

<210> 24502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24502
Lys Thr Leu Asn Asn Asn Ile Met Leu Ile
1 5 10

<210> 24503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24503
Thr Leu Asn Asn Asn Ile Met Leu Ile Lys
1 5 10

<210> 24504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24504
Asn Ile Met Leu Ile Lys Leu Ser Ser Arg
1 5 10

<210> 24505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24505
Arg Lys Thr Leu Asn Asn Asn Ile Met Leu
1 5 10

<210> 24506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24506
Gly Leu Arg Pro Pro Trp Pro Ser Trp
1 5

<210> 24507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24507
Gln His Leu Gly Leu Arg Pro Pro Trp
1 5

<210> 24508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24508
Pro Gln His Leu Gly Leu Arg Pro Pro Trp
1 5 10

<210> 24509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24509
Leu Gly Leu Arg Pro Pro Trp Pro Ser Trp
1 5 10

<210> 24510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24510
Ala Gln Ile Ile Gly Gly His Gln Val

1 5

<210> 24511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24511
Gln Val Thr Pro His Ser Arg Pro Tyr
1 5

<210> 24512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24512
His Gln Val Thr Pro His Ser Arg Pro Tyr
1 5 10

<210> 24513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24513
Ala Gln Ile Ile Gly Gly His Gln Val Thr
1 5 10

<210> 24514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24514
Gly Gly Met Arg Met Met Met Arg Arg
1 5

<210> 24515

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24515
Gly Met Arg Met Met Met Arg Arg Thr
1 5

<210> 24516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24516
Arg Met Met Met Arg Arg Thr Arg Thr
1 5

<210> 24517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24517
Met Met Met Arg Arg Thr Arg Thr Ser
1 5

<210> 24518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24518
Met Met Arg Arg Thr Arg Thr Ser Cys
1 5

<210> 24519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24519
Gly Pro Gly Gly Met Arg Met Met Met
1 5

<210> 24520
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24520
Pro Gln Gly Pro Gly Gly Met Arg Met
1 5

<210> 24521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24521
Met Met Met Arg Arg Thr Arg Thr Ser Cys
1 5 10

<210> 24522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24522
Gly Met Arg Met Met Met Arg Arg Thr Arg
1 5 10

<210> 24523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24523
Arg Met Met Met Arg Arg Thr Arg Thr Ser
1 5 10

<210> 24524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24524
Gly Pro Gln Gly Pro Gly Gly Met Arg Met
1 5 10

<210> 24525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24525
Pro Gln Gly Pro Gly Gly Met Arg Met Met
1 5 10

<210> 24526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24526
Met Gly Ser Pro Glu Ile Leu Glu Lys
1 5

<210> 24527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24527
Ser Glu Met Gly Ser Pro Glu Ile Leu
1 5

<210> 24528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24528
Glu Met Gly Ser Pro Glu Ile Leu Glu Lys
1 5 10

<210> 24529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24529
Ala His Ser Glu Met Gly Ser Pro Glu Ile
1 5 10

<210> 24530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24530
Ser Val Cys Asn Ser Ala Thr Gly Lys
1 5

<210> 24531
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24531
Gly Leu Tyr Ala Cys Ser Val Cys Asn Ser
1 5 10

<210> 24532
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24532
Cys Ser Val Cys Asn Ser Ala Thr Gly Lys
1 5 10

<210> 24533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24533
Asp Gln Tyr Gly Gly Ile Cys Ser Tyr
1 5

<210> 24534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24534
Cys Ser Tyr Pro Val Thr Leu Asn Val
1 5

<210> 24535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24535
Gln Tyr Gly Gly Ile Cys Ser Tyr Pro Val
1 5 10

<210> 24536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24536
Arg Asp Gln Tyr Gly Gly Ile Cys Ser Tyr
1 5 10

<210> 24537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24537
Gly Gly Ile Cys Ser Tyr Pro Val Thr Leu
1 5 10

<210> 24538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24538
Cys Ser Tyr Pro Val Thr Leu Asn Val Leu
1 5 10

<210> 24539
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24539
Lys Ile Ser Lys Ser Met Thr Val Lys
1 5

<210> 24540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24540
Ser Ala Thr Gly Lys Lys Ile Ser Lys
1 5

<210> 24541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24541
Lys Lys Ile Ser Lys Ser Met Thr Val
1 5

<210> 24542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24542
Lys Ile Ser Lys Ser Met Thr Val Lys Val
1 5 10

<210> 24543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24543
Ser Val His Asn Ser Ala Thr Gly Lys Lys
1 5 10

<210> 24544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24544
Met Ala Ala Ala Val Val Val Glu Phe
1 5

<210> 24545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24545
Ala Ala Ala Val Val Val Glu Phe Gln Arg
1 5 10

<210> 24546
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24546
Tyr Ile Gln Thr Gln Ile Ile Ser Lys
1 5

<210> 24547
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24547
Ile Gln Thr Gln Ile Ile Ser Lys Lys
1 5

<210> 24548
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24548
Lys Asp Tyr Ile Gln Thr Gln Ile Ile
1 5

<210> 24549
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24549
Ala Val Lys Asp Tyr Ile Gln Thr Gln Ile
1 5 10

<210> 24550
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24550
Tyr Ile Gln Thr Gln Ile Ile Ser Lys Lys
1 5 10

<210> 24551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24551
Ile Gln Thr Gln Ile Ile Ser Lys Lys Ile
1 5 10

<210> 24552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24552
Ser Leu Trp Leu Ile Ile Ser Glu Leu
1 5

<210> 24553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24553
Lys Glu Tyr Ile Ser Leu Trp Leu Ile
1 5

<210> 24554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24554
Glu Tyr Ile Ser Leu Trp Leu Ile Ile
1 5

<210> 24555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24555
Asp Glu Lys Glu Tyr Ile Ser Leu Trp
1 5

<210> 24556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24556
Ser Leu Trp Leu Ile Ile Ser Glu Leu Arg
1 5 10

<210> 24557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24557

Lys Glu Tyr Ile Ser Leu Trp Leu Ile Ile
1 5 10

<210> 24558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24558
Ile Ser Leu Trp Leu Ile Ile Ser Glu Leu
1 5 10

<210> 24559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24559
Asp Glu Lys Glu Tyr Ile Ser Leu Trp Leu
1 5 10

<210> 24560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24560
Gly Val Asp Pro Asp Asp Phe Ser Lys
1 5

<210> 24561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24561
Leu Pro Gly Val Asp Pro Asp Asp Phe
1 5

<210> 24562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24562
Asp Asp Phe Ser Lys Cys Met Ile Thr Phe
1 5 10

<210> 24563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24563
Asp Pro Asp Asp Phe Ser Lys Cys Met Ile
1 5 10

<210> 24564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24564
Ser Ile Ile Glu His Val Ala Ser Lys
1 5

<210> 24565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24565
Ile Ser Gly Gly Phe Arg Ser Ile Ile
1 5

<210> 24566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24566
Ser Ile Ile Glu His Val Ala Ser Lys Leu
1 5 10

<210> 24567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24567
Leu Ile Ser Gly Gly Phe Arg Ser Ile Ile
1 5 10

<210> 24568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24568
Arg Ser Ile Ile Glu His Val Ala Ser Lys
1 5 10

<210> 24569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24569
Gly Phe Arg Ser Ile Ile Glu His Val Ala
1 5 10

<210> 24570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24570
Ile Glu His Val Ala Ser Lys Leu Asn Ile
1 5 10

<210> 24571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24571
Glu Ile Ser Val Gln His Val Thr Val
1 5

<210> 24572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24572
Ser Glu Ile Ser Val Gln His Val Thr
1 5

<210> 24573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24573
Ser Glu Ile Ser Val Gln His Val Thr Val
1 5 10

<210> 24574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24574
Val Gln His Val Thr Val Thr Gln Asp Thr

1 5 10

<210> 24575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24575
Phe Leu Leu Lys Gly Ile Leu Ala Leu
1 5

<210> 24576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24576
Leu Leu Lys Gly Ile Leu Ala Leu Ala
1 5

<210> 24577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24577
Ile Leu Ala Leu Ala Ile Gly Pro Ala
1 5

<210> 24578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24578
Ala Leu Ala Ile Gly Pro Ala Gly Ala
1 5

<210> 24579

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24579
Leu Leu Lys Phe Leu Leu Lys Gly Ile
1 5

<210> 24580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24580
Ala Ile Gly Pro Ala Gly Ala Leu Ala
1 5

<210> 24581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24581
Ala Leu Ala Gly Pro Val Leu Thr Thr
1 5

<210> 24582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24582
Glu Thr Leu Leu Lys Phe Leu Leu Lys
1 5

<210> 24583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24583
Lys Phe Leu Leu Lys Gly Ile Leu Ala
1 5

<210> 24584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24584
Thr Gln Arg Pro Leu Pro Trp Ala Ala
1 5

<210> 24585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24585
Trp Ala Ala Pro Cys Pro Ala Thr Ala
1 5

<210> 24586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24586
Leu Ala Ile Gly Pro Ala Gly Ala Leu
1 5

<210> 24587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24587
Arg Pro Leu Pro Trp Ala Ala Pro Cys
1 5

<210> 24588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24588
Leu Pro Trp Ala Ala Pro Cys Pro Ala
1 5

<210> 24589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24589
Leu Lys Phe Leu Leu Lys Gly Ile Leu
1 5

<210> 24590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24590
Leu Lys Gly Ile Leu Ala Leu Ala Ile
1 5

<210> 24591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24591
Ala Gly Ala Leu Ala Gly Pro Val Leu
1 5

<210> 24592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24592
Leu Ala Gly Pro Val Leu Thr Thr Leu
1 5

<210> 24593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24593
Leu Gly Thr Gln Arg Pro Leu Pro Trp
1 5

<210> 24594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24594
Ala Glu Thr Leu Leu Lys Phe Leu Leu
1 5

<210> 24595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24595
Thr Leu Leu Lys Phe Leu Leu Lys Gly Ile
1 5 10

<210> 24596
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24596
Phe Leu Leu Lys Gly Ile Leu Ala Leu Ala
1 5 10

<210> 24597
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24597
Leu Leu Lys Gly Ile Leu Ala Leu Ala Ile
1 5 10

<210> 24598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24598
Ala Leu Ala Ile Gly Pro Ala Gly Ala Leu
1 5 10

<210> 24599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24599
Ala Leu Ala Gly Pro Val Leu Thr Thr Leu
1 5 10

<210> 24600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24600
Lys Phe Leu Leu Lys Gly Ile Leu Ala Leu
1 5 10

<210> 24601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24601
His Pro Pro Thr Asp Arg Ala Glu Thr Leu
1 5 10

<210> 24602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24602
Gly Pro Ala Gly Ala Leu Ala Gly Pro Val
1 5 10

<210> 24603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24603
Cys Pro Ala Thr Ala Ser Pro Ser Pro Leu
1 5 10

<210> 24604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24604
Leu Leu Lys Phe Leu Leu Lys Gly Ile Leu
1 5 10

<210> 24605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24605
Thr Asp Arg Ala Glu Thr Leu Leu Lys Phe
1 5 10

<210> 24606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24606
Leu Lys Phe Leu Leu Lys Gly Ile Leu Ala
1 5 10

<210> 24607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24607
Thr Gln Arg Pro Leu Pro Trp Ala Ala Pro
1 5 10

<210> 24608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24608
Leu Pro Trp Ala Ala Pro Cys Pro Ala Thr
1 5 10

<210> 24609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24609
Ser Leu Phe Leu Glu Thr Ile Leu Ala
1 5

<210> 24610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24610
Phe Leu Glu Thr Ile Leu Ala Pro Phe
1 5

<210> 24611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24611
Ile Leu Ala Pro Phe Ser Gln Gly Val
1 5

<210> 24612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24612
Asp Ile His Pro Ile Ser Leu Phe Leu
1 5

<210> 24613
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24613
Ile Ser Leu Phe Leu Glu Thr Ile Leu
1 5

<210> 24614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24614
Phe Ser Gln Gly Val Ser Pro Ser Ile
1 5

<210> 24615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24615
Ser Gln Gly Val Ser Pro Ser Ile Leu
1 5

<210> 24616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24616
His Pro Ile Ser Leu Phe Leu Glu Thr
1 5

<210> 24617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24617
Leu Glu Thr Ile Leu Ala Pro Phe Ser
1 5

<210> 24618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24618
Thr Ile Leu Ala Pro Phe Ser Gln Gly Val
1 5 10

<210> 24619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24619
Leu Phe Leu Glu Thr Ile Leu Ala Pro Phe
1 5 10

<210> 24620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24620
His Pro Ile Ser Leu Phe Leu Glu Thr Ile
1 5 10

<210> 24621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24621

Phe Ser Gln Gly Val Ser Pro Ser Ile Leu
1 5 10

<210> 24622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24622
Gly Thr Gly Val Met Ile Cys Ala Tyr
1 5

<210> 24623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24623
Gly Gly Thr Gly Val Met Ile Cys Ala Tyr
1 5 10

<210> 24624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24624
Lys Ala Gly Lys Gly Gly Thr Gly Val Met
1 5 10

<210> 24625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24625
Gln Thr Gly Val Met Ile Cys Ala Tyr
1 5

<210> 24626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24626
Gly Lys Gly Gln Thr Gly Val Met Ile
1 5

<210> 24627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24627
Gly Gln Thr Gly Val Met Ile Cys Ala Tyr
1 5 10

<210> 24628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24628
Lys Ala Gly Lys Gly Gln Thr Gly Val Met
1 5 10

<210> 24629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24629
Pro Thr Gly Val Met Ile Cys Ala Tyr
1 5

<210> 24630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24630
Gly Lys Gly Pro Thr Gly Val Met Ile
1 5

<210> 24631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24631
Gly Pro Thr Gly Val Met Ile Cys Ala Tyr
1 5 10

<210> 24632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24632
Lys Ala Gly Lys Gly Pro Thr Gly Val Met
1 5 10

<210> 24633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24633
Leu Thr Gly Val Met Ile Cys Ala Tyr
1 5

<210> 24634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24634
Gly Leu Thr Gly Val Met Ile Cys Ala
1 5

<210> 24635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24635
Lys Ala Gly Lys Gly Leu Thr Gly Val
1 5

<210> 24636
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24636
Gly Lys Gly Leu Thr Gly Val Met Ile
1 5

<210> 24637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24637
Gly Leu Thr Gly Val Met Ile Cys Ala Tyr
1 5 10

<210> 24638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24638
Lys Ala Gly Lys Gly Leu Thr Gly Val Met

1 5 10

<210> 24639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24639
Gly Val Met Ile Tyr Ala Tyr Leu Leu
1 5

<210> 24640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24640
Val Met Ile Tyr Ala Tyr Leu Leu His
1 5

<210> 24641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24641
Arg Thr Gly Val Met Ile Tyr Ala Tyr
1 5

<210> 24642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24642
Lys Gly Arg Thr Gly Val Met Ile Tyr
1 5

<210> 24643

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24643
Val Met Ile Tyr Ala Tyr Leu Leu His Arg
1 5 10

<210> 24644
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24644
Gly Val Met Ile Tyr Ala Tyr Leu Leu His
1 5 10

<210> 24645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24645
Lys Gly Arg Thr Gly Val Met Ile Tyr Ala
1 5 10

<210> 24646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24646
Arg Thr Gly Val Met Ile Tyr Ala Tyr Leu
1 5 10

<210> 24647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24647
Gly Lys Gly Arg Thr Gly Val Met Ile Tyr
1 5 10

<210> 24648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24648
Gly Arg Thr Gly Val Met Ile Tyr Ala Tyr
1 5 10

<210> 24649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24649
Val Thr Ile Pro Asn Gln Arg Arg Tyr
1 5

<210> 24650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24650
Asn Gln Arg Arg Tyr Val Tyr Tyr Tyr
1 5

<210> 24651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24651
Ile Pro Asn Gln Arg Arg Tyr Val Tyr
1 5

<210> 24652
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24652
Gly Val Thr Ile Pro Asn Gln Arg Arg Tyr
1 5 10

<210> 24653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24653
Thr Ile Pro Asn Gln Arg Arg Tyr Val Tyr
1 5 10

<210> 24654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24654
Val Thr Ile Pro Asn Gln Arg Arg Tyr Val
1 5 10

<210> 24655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24655
Ile Pro Asn Gln Arg Arg Tyr Val Tyr Tyr
1 5 10

<210> 24656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24656
Thr Ile Pro Ser Gln Arg His Tyr Val
1 5

<210> 24657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24657
His Tyr Val Tyr Tyr Tyr Ser Tyr Leu
1 5

<210> 24658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24658
Ser Gln Arg His Tyr Val Tyr Tyr Tyr
1 5

<210> 24659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24659
Arg His Tyr Val Tyr Tyr Tyr Ser Tyr
1 5

<210> 24660
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24660
Val Thr Ile Pro Ser Gln Arg His Tyr
1 5

<210> 24661
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24661
Ile Pro Ser Gln Arg His Tyr Val Tyr
1 5

<210> 24662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24662
Pro Ser Gln Arg His Tyr Val Tyr Tyr
1 5

<210> 24663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24663
Pro Ser Gln Arg His Tyr Val Tyr Tyr Tyr
1 5 10

<210> 24664
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24664
Val Thr Ile Pro Ser Gln Arg His Tyr Val
1 5 10

<210> 24665
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24665
Arg His Tyr Val Tyr Tyr Tyr Ser Tyr Leu
1 5 10

<210> 24666
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24666
His Tyr Val Tyr Tyr Tyr Ser Tyr Leu Leu
1 5 10

<210> 24667
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24667
Ser Gln Arg His Tyr Val Tyr Tyr Tyr Ser
1 5 10

<210> 24668
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24668
Gly Val Thr Ile Pro Ser Gln Arg His Tyr
1 5 10

<210> 24669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24669
Thr Ile Pro Ser Gln Arg His Tyr Val Tyr
1 5 10

<210> 24670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24670
Gln Arg His Tyr Val Tyr Tyr Tyr Ser Tyr
1 5 10

<210> 24671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24671
Ile Pro Ser Gln Arg His Tyr Val Tyr Tyr
1 5 10

<210> 24672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24672
Arg Leu Glu Asp Lys Phe Met Tyr Phe
1 5

<210> 24673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24673
Tyr Ser Ser Asn Ser Gly Pro Thr Arg Leu
1 5 10

<210> 24674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24674
Thr Arg Leu Glu Asp Lys Phe Met Tyr Phe
1 5 10

<210> 24675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24675
Leu Glu Asp Lys Phe Met Tyr Phe Glu Phe
1 5 10

<210> 24676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24676
Lys Met Leu Lys Arg Thr Lys Cys Phe
1 5

<210> 24677
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24677
Met Leu Lys Arg Thr Lys Cys Phe Thr
1 5

<210> 24678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24678
Leu Lys Arg Thr Lys Cys Phe Thr Phe
1 5

<210> 24679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24679
Met Leu Lys Arg Thr Lys Cys Phe Thr Phe
1 5 10

<210> 24680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24680
Lys Gln Asn Lys Met Leu Lys Arg Thr Lys
1 5 10

<210> 24681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24681
Lys Met Leu Lys Arg Thr Lys Cys Phe Thr
1 5 10

<210> 24682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24682
Asn Lys Met Leu Lys Arg Thr Lys Cys Phe
1 5 10

<210> 24683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24683
Lys Met Phe His Phe Trp Val Asn Ile
1 5

<210> 24684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24684
Met Phe His Phe Trp Val Asn Ile Phe
1 5

<210> 24685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24685

Phe His Phe Trp Val Asn Ile Phe Phe
1 5

<210> 24686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24686
His Phe Trp Val Asn Ile Phe Phe Ile
1 5

<210> 24687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24687
Lys Met Phe His Phe Trp Val Asn Ile Phe
1 5 10

<210> 24688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24688
Met Phe His Phe Trp Val Asn Ile Phe Phe
1 5 10

<210> 24689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24689
Phe His Phe Trp Val Asn Ile Phe Phe Ile
1 5 10

<210> 24690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24690
Val Leu Leu Ala Ala Leu Phe Leu Thr
1 5

<210> 24691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24691
Leu Leu Ala Ala Leu Phe Leu Thr Val
1 5

<210> 24692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24692
Glu Val Leu Leu Ala Ala Leu Phe Leu
1 5

<210> 24693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24693
Gly Glu Val Leu Leu Ala Ala Leu Phe
1 5

<210> 24694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24694
Val Leu Leu Ala Ala Leu Phe Leu Thr Val
1 5 10

<210> 24695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24695
Ala Ala Leu Phe Leu Thr Val Asp Pro Tyr
1 5 10

<210> 24696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24696
Leu Lys Asn Gly Glu Val Leu Leu Ala Ala
1 5 10

<210> 24697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24697
Gly Glu Val Leu Leu Ala Ala Leu Phe Leu
1 5 10

<210> 24698
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24698
Leu Leu Leu Leu Leu Leu Val Val Val
1 5

<210> 24699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24699
Leu Leu Val Val Val Pro Trp Gly Val
1 5

<210> 24700
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24700
Leu Val Val Val Pro Trp Gly Val Arg
1 5

<210> 24701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24701
Leu Leu Leu Leu Val Val Val Pro Trp
1 5

<210> 24702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24702
Arg Leu Leu Leu Leu Leu Leu Leu Leu Val

1 5 10

<210> 24703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24703
Leu Leu Leu Leu Leu Leu Leu Val Val Val
1 5 10

<210> 24704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24704
Leu Leu Leu Val Val Val Pro Trp Gly Val
1 5 10

<210> 24705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24705
Leu Leu Val Val Val Pro Trp Gly Val Arg
1 5 10

<210> 24706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24706
Leu Leu Leu Leu Leu Val Val Val Pro Trp
1 5 10

<210> 24707

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24707
Trp Lys Arg Trp Asn Val Glu Cys Leu
1 5

<210> 24708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24708
Trp Asn Val Glu Cys Leu Gln Pro Leu
1 5

<210> 24709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24709
Leu Trp Lys Arg Trp Asn Val Glu Cys Leu
1 5 10

<210> 24710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24710
Arg Trp Asn Val Glu Cys Leu Gln Pro Leu
1 5 10

<210> 24711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24711
Gln Gln Phe Asp Pro Leu Trp Lys Arg Trp
1 5 10

<210> 24712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24712
Gln Met Val Arg Ser Gln Arg Ser Val
1 5

<210> 24713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24713
Met Val Arg Ser Gln Arg Ser Val Met
1 5

<210> 24714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24714
Arg Ser Val Met Val Gln Thr Glu Ala
1 5

<210> 24715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24715
Val Met Val Gln Thr Glu Ala Gln Tyr
1 5

<210> 24716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24716
Ser Gln Arg Ser Val Met Val Gln Thr
1 5

<210> 24717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24717
Ile Gln Met Val Arg Ser Gln Arg Ser Val
1 5 10

<210> 24718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24718
Ser Val Met Val Gln Thr Glu Ala Gln Tyr
1 5 10

<210> 24719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24719
Met Val Arg Ser Gln Arg Ser Val Met Val
1 5 10

<210> 24720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24720
Gln Met Val Arg Ser Gln Arg Ser Val Met
1 5 10

<210> 24721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24721
Lys Leu Val Gln Tyr Tyr Met Glu His
1 5

<210> 24722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24722
Ala Thr Leu Ala Lys Leu Val Gln Tyr
1 5

<210> 24723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24723
Leu Ala Lys Leu Val Gln Tyr Tyr Met
1 5

<210> 24724
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24724
Thr Leu Ala Lys Leu Val Gln Tyr Tyr
1 5

<210> 24725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24725
Glu Lys Phe Ala Thr Leu Ala Lys Leu
1 5

<210> 24726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24726
Thr Leu Ala Lys Leu Val Gln Tyr Tyr Met
1 5 10

<210> 24727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24727
Ala Thr Leu Ala Lys Leu Val Gln Tyr Tyr
1 5 10

<210> 24728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24728
Phe Ala Thr Leu Ala Lys Leu Val Gln Tyr
1 5 10

<210> 24729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24729
Gly Glu Lys Phe Ala Thr Leu Ala Lys Leu
1 5 10

<210> 24730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24730
Lys Leu Val Gln Tyr Tyr Met Glu His His
1 5 10

<210> 24731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24731
Ile Gly Phe Gly Asn Gln Cys Gly Lys
1 5

<210> 24732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24732
Arg Ala Leu Phe Arg Ser Leu Asn Leu
1 5

<210> 24733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24733
Leu Phe Arg Ser Leu Asn Leu Gln Ala
1 5

<210> 24734
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24734
Ala Gln Asp Ile Glu Arg Ala Leu Phe
1 5

<210> 24735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24735
Ile Glu Arg Ala Leu Phe Arg Ser Leu
1 5

<210> 24736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24736
Ala Leu Phe Arg Ser Leu Asn Leu Gln Ala
1 5 10

<210> 24737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24737
Gln Ser Leu Leu Asp Val Val Asp Lys
1 5

<210> 24738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24738
Ser Leu Leu Asp Val Val Asp Lys Glu Ala
1 5 10

<210> 24739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24739
Ser Glu Ser Glu Glu Glu Glu Glu Ala
1 5

<210> 24740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24740
Ala Leu Phe His Thr Asp Asp Ile Lys
1 5

<210> 24741
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24741
His Thr Asp Asp Ile Lys Asn Ala Lys
1 5

<210> 24742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24742
Lys Asn Ala Lys Tyr Ile Ser Arg Leu
1 5

<210> 24743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24743
His Thr Asp Asp Ile Lys Asn Ala Lys Tyr
1 5 10

<210> 24744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24744
Thr Ala Leu Phe His Thr Asp Asp Ile Lys
1 5 10

<210> 24745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24745
Asp Ile Lys Asn Ala Lys Tyr Ile Ser Arg
1 5 10

<210> 24746
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24746
Ile Lys Asn Ala Lys Tyr Ile Ser Arg Leu
1 5 10

<210> 24747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24747
Lys Asn Ala Lys Tyr Ile Ser Arg Leu Phe
1 5 10

<210> 24748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24748
Gln Thr Gly Thr Gly Thr Gly Ala Arg
1 5

<210> 24749
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24749

Gln Lys Asn Phe Leu His Ile Ile Leu
1 5

<210> 24750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24750
Arg Pro Leu Pro Pro Gln Lys Asn Phe Leu
1 5 10

<210> 24751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24751
Leu Pro Pro Gln Lys Asn Phe Leu His Ile
1 5 10

<210> 24752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24752
His Ser Phe Ser His Glu Arg Thr Val
1 5

<210> 24753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24753
Glu Asn His Ser Phe Ser His Glu Arg
1 5

<210> 24754
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24754
Phe Ser His Glu Arg Thr Val Pro Asp Lys
1 5 10

<210> 24755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24755
Gly Lys Tyr Glu Asn His Ser Phe Ser His
1 5 10

<210> 24756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24756
Lys Cys Asn Pro Thr Gln Gln Lys Phe
1 5

<210> 24757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24757
Gly Gly Lys Cys Asn Pro Thr Gln Gln Lys
1 5 10

<210> 24758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24758
Gly Lys Cys Asn Pro Thr Gln Gln Lys Phe
1 5 10

<210> 24759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24759
Arg Gln Arg Cys Leu Met Val His Val
1 5

<210> 24760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24760
Leu Met Val His Val Glu Ala Gln Tyr
1 5

<210> 24761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24761
Met Val His Val Glu Ala Gln Tyr Ile
1 5

<210> 24762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24762
Val His Val Glu Ala Gln Tyr Ile Leu
1 5

<210> 24763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24763
Leu Met Val His Val Glu Ala Gln Tyr Ile
1 5 10

<210> 24764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24764
Arg Gln Arg Cys Leu Met Val His Val Glu
1 5 10

<210> 24765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24765
Cys Leu Met Val His Val Glu Ala Gln Tyr
1 5 10

<210> 24766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24766
Met Val His Val Glu Ala Gln Tyr Ile Leu

1 5 10

<210> 24767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24767
Glu Gln Gln Arg Arg Arg Arg Gln Ala
1 5

<210> 24768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24768
Gln Gln Arg Arg Arg Arg Gln Ala Glu Arg
1 5 10

<210> 24769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24769
Leu Val Trp Leu Glu Pro Gly Thr Arg
1 5

<210> 24770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24770
Arg Asp Thr Glu Val Leu Leu Val Trp
1 5

<210> 24771

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24771
Val Trp Leu Glu Pro Gly Thr Arg Tyr
1 5

<210> 24772
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24772
Val Leu Leu Val Trp Leu Glu Pro Gly Thr
1 5 10

<210> 24773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24773
Trp Leu Glu Pro Gly Thr Arg Tyr Asn Ala
1 5 10

<210> 24774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24774
Leu Val Trp Leu Glu Pro Gly Thr Arg Tyr
1 5 10

<210> 24775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24775
Arg Asp Thr Glu Val Leu Leu Val Trp Leu
1 5 10

<210> 24776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24776
Ile Ile Ser Tyr Asp His Ser Leu Val
1 5

<210> 24777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24777
Asn Ile Ile Ser Tyr Asp His Ser Leu
1 5

<210> 24778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24778
Ile Ser Tyr Asp His Ser Leu Val Arg
1 5

<210> 24779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24779
Ser Tyr Asp His Ser Leu Val Arg Leu
1 5

<210> 24780
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24780
His Ser Leu Val Arg Leu Leu Val Leu
1 5

<210> 24781
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24781
Tyr Asp His Ser Leu Val Arg Leu Leu
1 5

<210> 24782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24782
Asn Ile Ile Ser Tyr Asp His Ser Leu Val
1 5 10

<210> 24783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24783
Ile Ile Ser Tyr Asp His Ser Leu Val Arg
1 5 10

<210> 24784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24784
Ser Tyr Asp His Ser Leu Val Arg Leu Leu
1 5 10

<210> 24785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24785
Ile Ser Tyr Asp His Ser Leu Val Arg Leu
1 5 10

<210> 24786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24786
Tyr Asp His Ser Leu Val Arg Leu Leu Val
1 5 10

<210> 24787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24787
Arg Gln Val Lys Phe Leu Asn Pro Arg
1 5

<210> 24788
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24788
Gln Val Lys Phe Leu Asn Pro Arg Lys
1 5

<210> 24789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24789
Val Lys Phe Leu Asn Pro Arg Lys Leu
1 5

<210> 24790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24790
Arg Gln Val Lys Phe Leu Asn Pro Arg Lys
1 5 10

<210> 24791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24791
Asn Leu His Ser Gly Thr Thr Tyr Leu
1 5

<210> 24792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24792
Leu His Ser Gly Thr Thr Tyr Leu Phe
1 5

<210> 24793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24793
Ser Asn Leu His Ser Gly Thr Thr Tyr
1 5

<210> 24794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24794
Phe Ser Asn Leu His Ser Gly Thr Thr Tyr
1 5 10

<210> 24795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24795
Asn Leu His Ser Gly Thr Thr Tyr Leu Phe
1 5 10

<210> 24796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24796
Ser Gly Thr Thr Tyr Leu Phe Ser Val Arg
1 5 10

<210> 24797
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24797
His Val Phe Ser Asn Leu His Ser Gly Thr
1 5 10

<210> 24798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24798
His Ser Gly Thr Thr Tyr Leu Phe Ser Val
1 5 10

<210> 24799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24799
Ser Asn Leu His Ser Gly Thr Thr Tyr Leu
1 5 10

<210> 24800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24800
Cys Tyr Asn Val Ala Leu Glu Tyr Leu
1 5

<210> 24801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24801
Phe Cys Tyr Asn Val Ala Leu Glu Tyr
1 5

<210> 24802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24802
Asp Gln Tyr His Phe Cys Tyr Asn Val
1 5

<210> 24803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24803
Tyr His Phe Cys Tyr Asn Val Ala Leu
1 5

<210> 24804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24804
Gln Tyr His Phe Cys Tyr Asn Val Ala Leu
1 5 10

<210> 24805
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24805
His Phe Cys Tyr Asn Val Ala Leu Glu Tyr
1 5 10

<210> 24806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24806
Asn Val Ala Leu Glu Tyr Leu Glu Gly Leu
1 5 10

<210> 24807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24807
Asp Gln Tyr His Phe Cys Tyr Asn Val Ala
1 5 10

<210> 24808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24808
Met Asp Gln Tyr His Phe Cys Tyr Asn Val
1 5 10

<210> 24809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24809
Val Thr Ile Pro Leu Val Gly Val Val
1 5

<210> 24810
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24810
Pro Leu Val Gly Val Val Asn Pro Ile
1 5

<210> 24811
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24811
Pro Pro Ile Pro Val Thr Ile Pro Leu
1 5

<210> 24812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24812
Arg Pro Pro Ile Pro Val Thr Ile Pro Leu
1 5 10

<210> 24813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24813

Ile Pro Leu Val Gly Val Val Asn Pro Ile
1 5 10

<210> 24814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24814
Pro Pro Ile Pro Val Thr Ile Pro Leu Val
1 5 10

<210> 24815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24815
Ile Pro Val Thr Ile Pro Leu Val Gly Val
1 5 10

<210> 24816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24816
Val Ile Ala Thr Leu Leu Phe Cys Leu
1 5

<210> 24817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24817
Ala Thr Leu Leu Phe Cys Leu Leu Val
1 5

<210> 24818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24818
Thr Leu Leu Phe Cys Leu Leu Val Val
1 5

<210> 24819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24819
Val Val Val Gly Val Ile Ala Thr Leu
1 5

<210> 24820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24820
Val Gly Val Ile Ala Thr Leu Leu Phe
1 5

<210> 24821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24821
Gly Val Ile Ala Thr Leu Leu Phe Cys Leu
1 5 10

<210> 24822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24822
Val Ile Ala Thr Leu Leu Phe Cys Leu Leu
1 5 10

<210> 24823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24823
Ala Thr Leu Leu Phe Cys Leu Leu Val Val
1 5 10

<210> 24824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24824
Thr Leu Leu Phe Cys Leu Leu Val Val Val
1 5 10

<210> 24825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24825
Val Val Val Gly Val Ile Ala Thr Leu Leu
1 5 10

<210> 24826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24826
Val Val Gly Val Ile Ala Thr Leu Leu Phe
1 5 10

<210> 24827
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24827
Met Gln Leu Gly Ser Ser Ser Pro Leu
1 5

<210> 24828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24828
Gln Leu Gly Ser Ser Ser Pro Leu Leu
1 5

<210> 24829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24829
Arg Thr Ser Cys Gly Cys Pro Ser Arg
1 5

<210> 24830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24830
Gly Val Cys Pro Ala Thr Ala Thr Arg

1 5

<210> 24831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24831
Ser Ser Ala Pro Ser Ala Cys Gly Arg
1 5

<210> 24832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24832
Gly Phe Ser Pro Pro Arg Pro Pro Ala
1 5

<210> 24833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24833
Leu Thr Arg Cys Gly Ser Gly Thr Arg
1 5

<210> 24834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24834
Ser Ala Arg Gly Gly Val Cys Pro Ala
1 5

<210> 24835

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24835
Ala Thr Arg Gly Ala Ser Ser Ser Ala
1 5

<210> 24836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24836
Cys Gly Arg Ala Arg Cys Ser Val Arg
1 5

<210> 24837
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24837
Arg Ala Arg Cys Ser Val Arg Ser Ala
1 5

<210> 24838
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24838
Thr Ser Cys Gly Cys Pro Ser Arg Arg
1 5

<210> 24839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24839
Ala Pro Ser His Pro Arg Pro Ser Cys
1 5

<210> 24840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24840
His Pro Arg Pro Ser Cys Arg Arg Cys
1 5

<210> 24841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24841
Arg Pro Ser Cys Arg Arg Cys Pro Pro
1 5

<210> 24842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24842
Gly Pro Ser Ser Ala Arg Gly Gly Val
1 5

<210> 24843
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24843
Cys Pro Ala Thr Ala Thr Arg Gly Ala
1 5

<210> 24844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24844
Leu Pro Ala Gly Phe Ser Pro Pro Arg
1 5

<210> 24845
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24845
Val Met Gln Leu Gly Ser Ser Ser Pro Leu
1 5 10

<210> 24846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24846
Met Gln Leu Gly Ser Ser Ser Pro Leu Leu
1 5 10

<210> 24847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24847
Thr Ser Lys Ala Pro Pro Ser Leu Thr Arg
1 5 10

<210> 24848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24848
Arg Thr Ser Cys Gly Cys Pro Ser Arg Arg
1 5 10

<210> 24849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24849
Ser Ser Ser Ala Pro Ser Ala Cys Gly Arg
1 5 10

<210> 24850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24850
Ala Gly Phe Ser Pro Pro Arg Pro Pro Ala
1 5 10

<210> 24851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24851
Arg Thr Leu Pro Thr Ser Lys Ala Pro Pro
1 5 10

<210> 24852
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24852
Gly Thr Arg Thr Ser Cys Gly Cys Pro Ser
1 5 10

<210> 24853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24853
Pro Ser Arg Arg Pro Gly Pro Ser Ser Ala
1 5 10

<210> 24854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24854
Arg Gly Ala Ser Ser Ser Ala Pro Ser Ala
1 5 10

<210> 24855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24855
Arg Ala Arg Cys Ser Val Arg Ser Ala Arg
1 5 10

<210> 24856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24856
Ser Ser Ser Pro Leu Leu Pro Ala Gly Phe
1 5 10

<210> 24857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24857
Leu Leu Pro Ala Gly Phe Ser Pro Pro Arg
1 5 10

<210> 24858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24858
Arg Pro Ser Cys Arg Arg Cys Pro Pro Glu
1 5 10

<210> 24859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24859
Cys Pro Arg Thr Leu Pro Thr Ser Lys Ala
1 5 10

<210> 24860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24860
Leu Pro Thr Ser Lys Ala Pro Pro Ser Leu
1 5 10

<210> 24861
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24861
Cys Pro Ala Thr Ala Thr Arg Gly Ala Ser
1 5 10

<210> 24862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24862
Arg Ala Val Met Gln Glu Ser Gln Lys
1 5

<210> 24863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24863
Ala Val Met Gln Glu Ser Gln Lys Lys
1 5

<210> 24864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24864
Ser Arg Gly Gln Phe Arg Ala Val Met
1 5

<210> 24865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24865
Arg Ser Arg Gly Gln Phe Arg Ala Val Met
1 5 10

<210> 24866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24866
Arg Ala Val Met Gln Glu Ser Gln Lys Lys
1 5 10

<210> 24867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24867
Gly Gln Phe Arg Ala Val Met Gln Glu Ser
1 5 10

<210> 24868
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24868
Gly Met Thr Ser Asp Ser Pro Glu Lys
1 5

<210> 24869
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24869
Met Thr Ser Asp Ser Pro Glu Lys Arg
1 5

<210> 24870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24870
Arg Gly Met Thr Ser Asp Ser Pro Glu Lys
1 5 10

<210> 24871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24871
Asn Met Pro Pro Arg Val Leu Ala Thr
1 5

<210> 24872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24872
Val Leu Ala Thr His Pro Gln Ala Thr
1 5

<210> 24873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24873
Arg Val Leu Ala Thr His Pro Gln Ala
1 5

<210> 24874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24874
Met Pro Pro Arg Val Leu Ala Thr His
1 5

<210> 24875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24875
Ala Phe Asn Met Pro Pro Arg Val Leu Ala
1 5 10

<210> 24876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24876
Arg Val Leu Ala Thr His Pro Gln Ala Thr
1 5 10

<210> 24877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24877

Met Gly Pro Ala Phe Asn Met Pro Pro Arg
1 5 10

<210> 24878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24878
Gly Pro Ala Phe Asn Met Pro Pro Arg Val
1 5 10

<210> 24879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24879
Ala Thr Lys Arg Ser Lys Met Ser Lys
1 5

<210> 24880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24880
Thr Ala Thr Lys Arg Ser Lys Met Ser Lys
1 5 10

<210> 24881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24881
Gly Leu Ile Pro Leu Val Asn Leu Met
1 5

<210> 24882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24882
Asn Leu Met Asp Val Pro Gly Ile Leu
1 5

<210> 24883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24883
Ile Pro Leu Val Asn Leu Met Asp Val
1 5

<210> 24884
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24884
Asn Leu Met Asp Val Pro Gly Ile Leu Thr
1 5 10

<210> 24885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24885
Leu Val Asn Leu Met Asp Val Pro Gly Ile
1 5 10

<210> 24886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24886
His Phe Leu Gly Phe Pro Cys Ser Leu
1 5

<210> 24887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24887
Cys Gln Gly Ser Glu Pro His Phe Leu
1 5

<210> 24888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24888
Gly Ser Glu Pro His Phe Leu Gly Phe
1 5

<210> 24889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24889
Glu Pro His Phe Leu Gly Phe Pro Cys
1 5

<210> 24890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24890
Phe Leu Gly Phe Pro Cys Ser Leu Trp Val
1 5 10

<210> 24891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24891
His Phe Leu Gly Phe Pro Cys Ser Leu Trp
1 5 10

<210> 24892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24892
Gln Gly Ser Glu Pro His Phe Leu Gly Phe
1 5 10

<210> 24893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24893
Leu Gly Phe Pro Cys Ser Leu Trp Val Leu
1 5 10

<210> 24894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24894
Ser Glu Pro His Phe Leu Gly Phe Pro Cys

1 5 10

<210> 24895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24895
Leu Met Val Met Tyr Phe Phe Phe Leu
1 5

<210> 24896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24896
Met Val Met Tyr Phe Phe Phe Leu Val
1 5

<210> 24897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24897
Val Met Tyr Phe Phe Phe Leu Val Arg
1 5

<210> 24898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24898
Phe Leu Val Arg Ser Arg Arg Trp Lys
1 5

<210> 24899

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24899
Phe Phe Leu Val Arg Ser Arg Arg Trp
1 5

<210> 24900
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24900
Leu Val Arg Ser Arg Arg Trp Lys Val
1 5

<210> 24901
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24901
Tyr Phe Phe Phe Leu Val Arg Ser Arg
1 5

<210> 24902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24902
Phe Phe Phe Leu Val Arg Ser Arg Arg
1 5

<210> 24903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24903
Phe Leu Met Val Met Tyr Phe Phe Phe Leu
1 5 10

<210> 24904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24904
Leu Met Val Met Tyr Phe Phe Phe Leu Val
1 5 10

<210> 24905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24905
Phe Leu Val Arg Ser Arg Arg Trp Lys Val
1 5 10

<210> 24906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24906
Met Val Met Tyr Phe Phe Phe Leu Val Arg
1 5 10

<210> 24907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24907
Phe Phe Phe Leu Val Arg Ser Arg Arg Trp
1 5 10

<210> 24908
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24908
Met Tyr Phe Phe Phe Leu Val Arg Ser Arg
1 5 10

<210> 24909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24909
Phe Phe Leu Val Arg Ser Arg Arg Trp Lys
1 5 10

<210> 24910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24910
Leu Val Arg Ser Arg Arg Trp Lys Val Lys
1 5 10

<210> 24911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24911
Tyr Phe Phe Phe Leu Val Arg Ser Arg Arg
1 5 10

<210> 24912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24912
Leu Leu Ser Asn Gln Arg Ser Ser Met
1 5

<210> 24913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24913
Asn Gln Arg Ser Ser Met Gly Gly Gln Met
1 5 10

<210> 24914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24914
Gly Leu Leu Ser Asn Gln Arg Ser Ser Met
1 5 10

<210> 24915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24915
Gly Met Gly Gly Gln Met Gln Gly Leu
1 5

<210> 24916
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24916
Leu Leu Ser Ser Gln Arg Ser Gly Met
1 5

<210> 24917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24917
Gln Arg Ser Gly Met Gly Gly Gln Met
1 5

<210> 24918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24918
Gly Met Gly Gly Gln Met Gln Gly Leu Val
1 5 10

<210> 24919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24919
Ser Gln Arg Ser Gly Met Gly Gly Gln Met
1 5 10

<210> 24920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24920
Gly Leu Leu Ser Ser Gln Arg Ser Gly Met
1 5 10

<210> 24921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24921
Arg Met Leu Leu His Trp Val Ala Ala
1 5

<210> 24922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24922
Met Leu Leu His Trp Val Ala Ala Tyr
1 5

<210> 24923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24923
Ser Tyr His Arg Met Leu Leu His Trp
1 5

<210> 24924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24924
His Trp Val Ala Ala Tyr Phe Gly Met
1 5

<210> 24925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24925
Leu Leu His Trp Val Ala Ala Tyr Phe
1 5

<210> 24926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24926
His Arg Met Leu Leu His Trp Val Ala
1 5

<210> 24927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24927
Met Leu Leu His Trp Val Ala Ala Tyr Phe
1 5 10

<210> 24928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24928
Arg Met Leu Leu His Trp Val Ala Ala Tyr
1 5 10

<210> 24929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24929
Ser Tyr His Arg Met Leu Leu His Trp Val
1 5 10

<210> 24930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24930
Tyr His Arg Met Leu Leu His Trp Val Ala
1 5 10

<210> 24931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24931
Thr Ser Tyr His Arg Met Leu Leu His Trp
1 5 10

<210> 24932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24932
His Arg Met Leu Leu His Trp Val Ala Ala
1 5 10

<210> 24933
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24933
Leu His Trp Val Ala Ala Tyr Phe Gly Met
1 5 10

<210> 24934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24934
Ala Leu Arg Asp Glu Leu Met Glu Ala
1 5

<210> 24935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24935
Leu Ala Ala Glu Ile Asp Thr Ala Leu
1 5

<210> 24936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24936
Ser Leu Ala Ala Glu Ile Asp Thr Ala Leu
1 5 10

<210> 24937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24937
Ala Leu Arg Asp Glu Leu Met Glu Ala Leu
1 5 10

<210> 24938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24938
Leu Ala Ala Glu Ile Asp Thr Ala Leu Arg
1 5 10

<210> 24939
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24939
Ile Glu Val Thr Ile Gln Phe Thr His
1 5

<210> 24940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24940
Ile Gln Phe Thr His Asn Asn Leu Ser
1 5

<210> 24941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24941

Thr His Asn Asn Leu Ser Ala Ser Met
1 5

<210> 24942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24942
His Asn Asn Leu Ser Ala Ser Met Phe
1 5

<210> 24943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24943
Ile Gln Phe Thr His Asn Asn Leu Ser Ala
1 5 10

<210> 24944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24944
Phe Thr His Asn Asn Leu Ser Ala Ser Met
1 5 10

<210> 24945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24945
Val Thr Ile Gln Phe Thr His Asn Asn Leu
1 5 10

<210> 24946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24946
Thr His Asn Asn Leu Ser Ala Ser Met Phe
1 5 10

<210> 24947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24947
Ser Leu Ala Leu Asp Ile Leu Leu Lys
1 5

<210> 24948
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24948
Asp Glu Ala Phe Ser Ser Leu Ala Leu
1 5

<210> 24949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24949
Phe Ser Ser Leu Ala Leu Asp Ile Leu
1 5

<210> 24950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24950
Ser Ser Leu Ala Leu Asp Ile Leu Leu Lys
1 5 10

<210> 24951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24951
Glu Ala Phe Ser Ser Leu Ala Leu Asp Ile
1 5 10

<210> 24952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24952
Val Asp Glu Ala Phe Ser Ser Leu Ala Leu
1 5 10

<210> 24953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24953
Arg Leu Tyr Tyr Trp Asp Ala Ser Ala
1 5

<210> 24954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 24954
Thr Ser Met Thr Arg Leu Tyr Tyr Trp
1 5

<210> 24955
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24955
Tyr Tyr Trp Asp Ala Ser Ala Cys Val
1 5

<210> 24956
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24956
Met Thr Arg Leu Tyr Tyr Trp Asp Ala
1 5

<210> 24957
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24957
Trp Asp Ala Ser Ala Cys Val Ile Met
1 5

<210> 24958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24958
Ser Met Thr Arg Leu Tyr Tyr Trp Asp Ala

1 5 10

<210> 24959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24959
Arg Leu Tyr Tyr Trp Asp Ala Ser Ala Cys
1 5 10

<210> 24960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24960
Phe Thr Ser Met Thr Arg Leu Tyr Tyr Trp
1 5 10

<210> 24961
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24961
Leu Tyr Tyr Trp Asp Ala Ser Ala Cys Val
1 5 10

<210> 24962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24962
Tyr Tyr Trp Asp Ala Ser Ala Cys Val Ile
1 5 10

<210> 24963

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24963
Met Thr Arg Leu Tyr Tyr Trp Asp Ala Ser
1 5 10

<210> 24964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24964
Tyr Trp Asp Ala Ser Ala Cys Val Ile Met
1 5 10

<210> 24965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24965
Trp Asp Ala Ser Ala Cys Val Ile Met Phe
1 5 10

<210> 24966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24966
Leu Ile Gly Asp Ser Gly Val Trp Lys
1 5

<210> 24967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24967
Gly Val Trp Lys Thr Cys Val Leu Phe
1 5

<210> 24968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24968
Val Trp Lys Thr Cys Val Leu Phe Arg
1 5

<210> 24969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24969
Leu Leu Ile Gly Asp Ser Gly Val Trp
1 5

<210> 24970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24970
Trp Lys Thr Cys Val Leu Phe Arg Phe
1 5

<210> 24971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24971
Gly Val Trp Lys Thr Cys Val Leu Phe Arg
1 5 10

<210> 24972
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24972
Ser Gly Val Trp Lys Thr Cys Val Leu Phe
1 5 10

<210> 24973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24973
Val Trp Lys Thr Cys Val Leu Phe Arg Phe
1 5 10

<210> 24974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24974
Leu Leu Leu Ile Gly Asp Ser Gly Val Trp
1 5 10

<210> 24975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24975
Ser Glu Ile Lys Lys Lys Gln Phe Tyr
1 5

<210> 24976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24976
Ile Lys Lys Lys Gln Phe Tyr His Trp
1 5

<210> 24977
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24977
Ala Glu Ser Glu Ile Lys Lys Lys Gln Phe
1 5 10

<210> 24978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24978
Ser Leu Val Thr Ile Ser Arg Phe Val
1 5

<210> 24979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24979
Lys Thr Val Leu Ser Leu Val Thr Ile
1 5

<210> 24980
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24980
Val Leu Ser Leu Val Thr Ile Ser Arg
1 5

<210> 24981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24981
Glu Ile Lys Lys Thr Val Leu Ser Leu
1 5

<210> 24982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24982
Leu Ser Leu Val Thr Ile Ser Arg Phe
1 5

<210> 24983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24983
Lys Lys Thr Val Leu Ser Leu Val Thr
1 5

<210> 24984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24984
Ala Glu Ser Glu Ile Lys Lys Thr Val
1 5

<210> 24985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24985
Ser Leu Val Thr Ile Ser Arg Phe Val Leu
1 5 10

<210> 24986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24986
Thr Val Leu Ser Leu Val Thr Ile Ser Arg
1 5 10

<210> 24987
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24987
Glu Ile Lys Lys Thr Val Leu Ser Leu Val
1 5 10

<210> 24988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24988
Val Leu Ser Leu Val Thr Ile Ser Arg Phe
1 5 10

<210> 24989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24989
Ala Glu Ser Glu Ile Lys Lys Thr Val Leu
1 5 10

<210> 24990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24990
Ser Glu Ile Lys Lys Thr Val Leu Ser Leu
1 5 10

<210> 24991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24991
Lys Lys Thr Val Leu Ser Leu Val Thr Ile
1 5 10

<210> 24992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24992
Arg Leu Gln Ser Asp Ile Gln Tyr Ile
1 5

<210> 24993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24993
Leu Gln Ser Asp Ile Gln Tyr Ile Thr
1 5

<210> 24994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24994
Ser Asp Ile Gln Tyr Ile Thr Arg Phe
1 5

<210> 24995
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24995
Gln Ser Asp Ile Gln Tyr Ile Thr Arg Phe
1 5 10

<210> 24996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 24996
Arg Thr Val Phe Asp Asn Tyr Ser Ala
1 5

<210> 24997
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24997
Tyr Ile Arg Thr Val Phe Asp Asn Tyr
1 5

<210> 24998
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24998
Asn Ala Phe Pro Gly Glu Tyr Ile Arg
1 5

<210> 24999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 24999
Phe Pro Gly Glu Tyr Ile Arg Thr Val
1 5

<210> 25000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25000
Phe Pro Gly Glu Tyr Ile Arg Thr Val Phe
1 5 10

<210> 25001
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25001
Ala Val Lys Tyr Leu Glu Cys Ser Val
1 5

<210> 25002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25002
Ser Val Leu Thr Gln Arg Gly Leu Lys
1 5

<210> 25003
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25003
Lys Tyr Leu Glu Cys Ser Val Leu Thr
1 5

<210> 25004
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25004
Val Lys Tyr Leu Glu Cys Ser Val Leu
1 5

<210> 25005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25005

Val Leu Thr Gln Arg Gly Leu Lys Thr Val
1 5 10

<210> 25006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25006
Cys Ser Val Leu Thr Gln Arg Gly Leu Lys
1 5 10

<210> 25007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25007
Ala Val Lys Tyr Leu Glu Cys Ser Val Leu
1 5 10

<210> 25008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25008
Thr Thr Asn Ala Phe Ser Gly Glu Tyr
1 5

<210> 25009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25009
Phe Ser Gly Glu Tyr Ile Pro Thr Val
1 5

<210> 25010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25010
Ser Gly Glu Tyr Ile Pro Thr Val Phe
1 5

<210> 25011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25011
Tyr Thr Thr Asn Ala Phe Ser Gly Glu Tyr
1 5 10

<210> 25012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25012
Thr Thr Asn Ala Phe Ser Gly Glu Tyr Ile
1 5 10

<210> 25013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25013
Phe Ser Gly Glu Tyr Ile Pro Thr Val Phe
1 5 10

<210> 25014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25014
Gly Asn Thr Phe Val His Tyr Pro Lys
1 5

<210> 25015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25015
Asn Thr Phe Val His Tyr Pro Lys Val
1 5

<210> 25016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25016
Thr Lys Gly Asn Thr Phe Val His Tyr
1 5

<210> 25017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25017
Lys Gly Asn Thr Phe Val His Tyr Pro Lys
1 5 10

<210> 25018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25018
Gly Thr Lys Gly Asn Thr Phe Val His Tyr
1 5 10

<210> 25019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25019
Asn Thr Phe Val His Tyr Pro Lys Val Ala
1 5 10

<210> 25020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25020
Tyr Pro Lys Val Ala Gln Glu Thr Asp Val
1 5 10

<210> 25021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25021
Lys Gln Lys Leu Gln Asn Asp Lys Lys Leu
1 5 10

<210> 25022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25022
Phe Met Val Asn Arg Val Val Asp Leu

1 5

<210> 25023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25023
Met Val Asn Arg Val Val Asp Leu Ala
1 5

<210> 25024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25024
Glu Gly Ser Phe Met Val Asn Arg Val
1 5

<210> 25025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25025
Phe Met Val Asn Arg Val Val Asp Leu Ala
1 5 10

<210> 25026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25026
Ser Phe Met Val Asn Arg Val Val Asp Leu
1 5 10

<210> 25027

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25027
Asp Thr Glu Gly Ser Phe Met Val Asn Arg
1 5 10

<210> 25028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25028
Thr Glu Gly Ser Phe Met Val Asn Arg Val
1 5 10

<210> 25029
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25029
Glu Leu Leu Ala Gln Val His Leu Leu
1 5

<210> 25030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25030
Ala Gln Val His Leu Leu Pro Asp Phe
1 5

<210> 25031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25031
Thr Glu Leu Leu Ala Gln Val His Leu
1 5

<210> 25032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25032
Ala Gln Val His Leu Leu Pro Asp Phe Leu
1 5 10

<210> 25033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25033
Leu Ala Gln Val His Leu Leu Pro Asp Phe
1 5 10

<210> 25034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25034
His Leu Leu Pro Asp Phe Leu Ser Glu His
1 5 10

<210> 25035
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25035
Thr Glu Leu Leu Ala Gln Val His Leu Leu
1 5 10

<210> 25036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25036
Arg Gln Arg Leu Thr Ser Thr Pro Asn
1 5

<210> 25037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25037
Leu Thr Ser Thr Pro Asn Val His Met
1 5

<210> 25038
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25038
Ser Gln Arg Gln Arg Leu Thr Ser Thr
1 5

<210> 25039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25039
Arg Leu Thr Ser Thr Pro Asn Val His
1 5

<210> 25040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25040
Leu Thr Ser Thr Pro Asn Val His Met Val
1 5 10

<210> 25041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25041
Arg Gln Arg Leu Thr Ser Thr Pro Asn Val
1 5 10

<210> 25042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25042
Arg Leu Thr Ser Thr Pro Asn Val His Met
1 5 10

<210> 25043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25043
Ser Gln Arg Gln Arg Leu Thr Ser Thr Pro
1 5 10

<210> 25044
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25044
Ile Val Cys Arg Val Phe Ser Ser Lys
1 5

<210> 25045
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25045
Leu Thr Asp Ile Glu Ile Val Cys Arg Val
1 5 10

<210> 25046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25046
Glu Ile Val Cys Arg Val Phe Ser Ser Lys
1 5 10

<210> 25047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25047
Ile Val Cys Arg Val Phe Ser Ser Lys Arg
1 5 10

<210> 25048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25048
His Leu Thr Asp Ile Glu Ile Val Cys Arg
1 5 10

<210> 25049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25049
Thr Asp Ile Glu Ile Val Cys Arg Val Phe
1 5 10

<210> 25050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25050
Ile Glu Ile Val Cys Arg Val Phe Ser Ser
1 5 10

<210> 25051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25051
Thr Thr Pro His Ile Thr Gly Gly Thr
1 5

<210> 25052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25052
Ser Ala Ala Val Ser Thr Thr Pro His
1 5

<210> 25053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25053
Ala Ala Val Ser Thr Thr Pro His Ile
1 5

<210> 25054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25054
Thr Pro His Ile Thr Gly Gly Thr Gly Leu
1 5 10

<210> 25055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25055
Ser Ala Ala Val Ser Thr Thr Pro His Ile
1 5 10

<210> 25056
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25056
Arg Ser Pro Gln Arg Gly Leu Ala Leu
1 5

<210> 25057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25057
Ser Val Leu Glu Ser Arg Ser Pro Gln Arg
1 5 10

<210> 25058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25058
Leu Glu Ser Arg Ser Pro Gln Arg Gly Leu
1 5 10

<210> 25059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25059
Ser Arg Ser Pro Gln Arg Gly Leu Ala Leu
1 5 10

<210> 25060
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25060
Leu Thr Gln Asp His Ile Ser Phe Ile
1 5

<210> 25061
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25061
Cys Leu Thr Gln Asp His Ile Ser Phe
1 5

<210> 25062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25062
Thr Gln Asp His Ile Ser Phe Ile Ile
1 5

<210> 25063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25063
Cys Leu Thr Gln Asp His Ile Ser Phe Ile
1 5 10

<210> 25064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25064
Leu Leu Glu Cys Leu Thr Gln Asp His Ile
1 5 10

<210> 25065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25065
Leu Thr Gln Asp His Ile Ser Phe Ile Ile
1 5 10

<210> 25066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25066
Gln Asp His Ile Ser Phe Ile Ile Asn Leu
1 5 10

<210> 25067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25067
Lys Thr Ser Gly Lys Ile Cys Leu Leu
1 5

<210> 25068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25068
Cys Leu Leu Met Arg Arg Glu Gln Val
1 5

<210> 25069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25069

Ser Gly Lys Ile Cys Leu Leu Met Arg
1 5

<210> 25070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25070
His Lys Thr Ser Gly Lys Ile Cys Leu
1 5

<210> 25071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25071
Thr Ser Gly Lys Ile Cys Leu Leu Met Arg
1 5 10

<210> 25072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25072
Lys Thr Ser Gly Lys Ile Cys Leu Leu Met
1 5 10

<210> 25073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25073
Ser Gly Lys Ile Cys Leu Leu Met Arg Arg
1 5 10

<210> 25074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25074
Cys Leu Leu Met Arg Arg Glu Gln Val Leu
1 5 10

<210> 25075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25075
Arg His Lys Thr Ser Gly Lys Ile Cys Leu
1 5 10

<210> 25076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25076
His Lys Thr Ser Gly Lys Ile Cys Leu Leu
1 5 10

<210> 25077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25077
Cys Leu Trp Glu Lys Val Glu Val Ile
1 5

<210> 25078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25078
Thr Ala Arg Lys Cys Leu Trp Glu Lys
1 5

<210> 25079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25079
Lys Ala Thr Ala Arg Lys Cys Leu Trp
1 5

<210> 25080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25080
Ala Thr Ala Arg Lys Cys Leu Trp Glu Lys
1 5 10

<210> 25081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25081
Tyr Val Glu Tyr Phe Trp Trp Pro Met
1 5

<210> 25082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25082
Ser Phe Lys Tyr Val Glu Tyr Phe Trp
1 5

<210> 25083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25083
Lys Tyr Val Glu Tyr Phe Trp Trp Pro
1 5

<210> 25084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25084
Glu Tyr Phe Trp Trp Pro Met Leu Leu
1 5

<210> 25085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25085
Phe Trp Trp Pro Met Leu Leu Asn Met
1 5

<210> 25086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25086
Phe Lys Tyr Val Glu Tyr Phe Trp Trp

1 5

<210> 25087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25087
Val Glu Tyr Phe Trp Trp Pro Met Leu
1 5

<210> 25088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25088
Tyr Val Glu Tyr Phe Trp Trp Pro Met Leu
1 5 10

<210> 25089
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25089
Ser Phe Lys Tyr Val Glu Tyr Phe Trp Trp
1 5 10

<210> 25090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25090
Lys Tyr Val Glu Tyr Phe Trp Trp Pro Met
1 5 10

<210> 25091

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25091
Val Glu Tyr Phe Trp Trp Pro Met Leu Leu
1 5 10

<210> 25092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25092
Tyr Phe Trp Trp Pro Met Leu Leu Asn Met
1 5 10

<210> 25093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25093
Phe Trp Trp Pro Met Leu Leu Asn Met Arg
1 5 10

<210> 25094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25094
Thr Ser Phe Lys Tyr Val Glu Tyr Phe Trp
1 5 10

<210> 25095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25095
Ile Ser Ala Leu Gly Lys Ile Leu Lys
1 5

<210> 25096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25096
Ala Leu Gly Lys Ile Leu Lys Phe Lys
1 5

<210> 25097
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25097
Ser Ala Leu Gly Lys Ile Leu Lys Phe
1 5

<210> 25098
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25098
Thr Glu Asn Cys Ile Ser Ala Leu Gly
1 5

<210> 25099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25099
Cys Ile Ser Ala Leu Gly Lys Ile Leu Lys
1   5   10

<210> 25100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 25100
Ser Ala Leu Gly Lys Ile Leu Lys Phe Lys
1   5   10

<210> 25101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 25101
Ile Ala Thr Glu Asn Cys Ile Ser Ala Leu
1   5   10

<210> 25102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 25102
Ile Ser Ala Leu Gly Lys Ile Leu Lys Phe
1   5   10

<210> 25103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 25103
Lys Ser Tyr Leu Glu Val Ile Ser Lys
1   5

<210> 25104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25104
Ser Tyr Leu Glu Val Ile Ser Lys Met
1 5

<210> 25105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25105
Arg Asn His Lys Ser Tyr Leu Glu Val
1 5

<210> 25106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25106
Lys Ser Tyr Leu Glu Val Ile Ser Lys Met
1 5 10

<210> 25107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25107
Ser Tyr Leu Glu Val Ile Ser Lys Met Lys
1 5 10

<210> 25108
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25108
Arg Asn His Lys Ser Tyr Leu Glu Val Ile
1 5 10

<210> 25109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25109
Met Ala Cys Gly Phe Cys Arg Ala Ile
1 5

<210> 25110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25110
Arg Thr Ser His Leu Arg Leu Ser Lys
1 5

<210> 25111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25111
Thr Ser His Leu Arg Leu Ser Lys Ala
1 5

<210> 25112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25112
Ser His Leu Arg Leu Ser Lys Ala Leu
1 5

<210> 25113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25113
His Leu Arg Leu Ser Lys Ala Leu Trp
1 5

<210> 25114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25114
Arg Thr Ser His Leu Arg Leu Ser Lys Ala
1 5 10

<210> 25115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25115
His Leu Arg Leu Ser Lys Ala Leu Trp Gly
1 5 10

<210> 25116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25116
Lys Glu Ser Arg Thr Ser His Leu Arg Leu
1 5 10

<210> 25117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25117
Ser His Leu Arg Leu Ser Lys Ala Leu Trp
1 5 10

<210> 25118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25118
Ser Tyr Arg Thr Lys Pro Pro Thr Ser
1 5

<210> 25119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25119
Arg Thr Lys Pro Pro Thr Ser Ile His
1 5

<210> 25120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25120
Tyr Arg Thr Lys Pro Pro Thr Ser Ile
1 5

<210> 25121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25121
Ser Tyr Arg Thr Lys Pro Pro Thr Ser Ile
1 5 10

<210> 25122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25122
Arg Thr Lys Pro Pro Thr Ser Ile His Arg
1 5 10

<210> 25123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25123
Thr Ser Ile His Arg Glu Leu Leu Gly Val
1 5 10

<210> 25124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25124
Lys Pro Pro Thr Ser Ile His Arg Glu Leu
1 5 10

<210> 25125
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25125
Arg Leu Leu Gly Cys Leu Ala Arg Leu
1 5

<210> 25126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25126
His Leu Pro Arg Leu Leu Gly Cys Leu
1 5

<210> 25127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25127
Leu Leu Gly Cys Leu Ala Arg Leu Ile
1 5

<210> 25128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25128
Cys Leu Ala Arg Leu Ile Lys Glu Ala
1 5

<210> 25129
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25129
Leu Pro Arg Leu Leu Gly Cys Leu Ala
1 5

<210> 25130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25130
Arg Leu Leu Gly Cys Leu Ala Arg Leu Ile
1 5 10

<210> 25131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25131
Cys Leu Ala Arg Leu Ile Lys Glu Ala Val
1 5 10

<210> 25132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25132
His Leu Pro Arg Leu Leu Gly Cys Leu Ala
1 5 10

<210> 25133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25133

Leu Leu Gly Cys Leu Ala Arg Leu Ile Lys
1 5 10

<210> 25134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25134
Lys Lys Phe Ile Leu Lys Ile Lys Ile
1 5

<210> 25135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25135
Asp Thr Lys Lys Phe Ile Leu Lys Ile Lys
1 5 10

<210> 25136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25136
Val Glu Asn Leu Asn Asp Thr Lys Lys Phe
1 5 10

<210> 25137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25137
Gln Val Gln Trp Ser Pro His Asn Lys
1 5

<210> 25138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25138
Ser Pro His Asn Lys Thr Ile Leu Ala
1 5

<210> 25139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25139
Val Gln Trp Ser Pro His Asn Lys Thr
1 5

<210> 25140
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25140
Phe Gln Val Gln Trp Ser Pro His Asn Lys
1 5 10

<210> 25141
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25141
Ser Pro His Asn Lys Thr Ile Leu Ala Ser
1 5 10

<210> 25142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25142
Val Gln Trp Ser Pro His Asn Lys Thr Ile
1 5 10

<210> 25143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25143
Leu Val Asp Ala His Thr Ala Lys Val
1 5

<210> 25144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25144
His Leu Val Asp Ala His Thr Ala Lys
1 5

<210> 25145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25145
His Thr Ala Lys Val Asn Cys Leu Ser
1 5

<210> 25146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25146
Thr Ala Lys Val Asn Cys Leu Ser Phe
1 5

<210> 25147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25147
His Leu Val Asp Ala His Thr Ala Lys Val
1 5 10

<210> 25148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25148
Lys Val Asn Cys Leu Ser Phe Asn Pro Tyr
1 5 10

<210> 25149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25149
His Thr Ala Lys Val Asn Cys Leu Ser Phe
1 5 10

<210> 25150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25150
Lys Leu His Thr Phe Lys Ser His Lys

1 5

<210> 25151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25151
Lys Leu Lys Leu His Thr Phe Lys Ser
1 5

<210> 25152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25152
Leu Lys Leu His Thr Phe Lys Ser His
1 5

<210> 25153
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25153
Phe Lys Ser His Lys Asp Glu Ile Phe
1 5

<210> 25154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25154
Asn Leu Lys Leu Lys Leu His Thr Phe Lys
1 5 10

<210> 25155

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25155
Lys Leu Lys Leu His Thr Phe Lys Ser His
1 5 10

<210> 25156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25156
Lys Ser His Lys Asp Glu Ile Phe Gln Val
1 5 10

<210> 25157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25157
His Thr Phe Lys Ser His Lys Asp Glu Ile
1 5 10

<210> 25158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25158
Ala Thr Phe Arg Gly Ala His Leu Arg
1 5

<210> 25159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25159
Ala Ala Thr Thr Ala Ala Thr Phe Arg
1 5

<210> 25160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25160
Thr Thr Ala Ala Thr Phe Arg Gly Ala
1 5

<210> 25161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25161
Thr Ala Ala Thr Thr Ala Ala Thr Phe
1 5

<210> 25162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25162
Thr Ala Ala Thr Thr Ala Ala Thr Phe Arg
1 5 10

<210> 25163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25163
Thr Phe Arg Gly Ala His Leu Arg Gly Arg
1 5 10

<210> 25164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25164
Ala Ala Thr Phe Arg Gly Ala His Leu Arg
1 5 10

<210> 25165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25165
Tyr Pro Thr Ala Ala Thr Thr Ala Ala Thr
1 5 10

<210> 25166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25166
Pro Thr Ala Ala Thr Thr Ala Ala Thr Phe
1 5 10

<210> 25167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25167
Ser Leu Ile Lys Phe Phe Asn Lys Met
1 5

<210> 25168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25168
Gln Ser Leu Ile Lys Phe Phe Asn Lys
1 5

<210> 25169
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25169
Leu Ile Lys Phe Phe Asn Lys Met Lys
1 5

<210> 25170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25170
Lys Phe Phe Asn Lys Met Lys Lys Trp
1 5

<210> 25171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25171
Cys Ser Glu Gln Ser Leu Ile Lys Phe
1 5

<210> 25172
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25172
Ser Glu Gln Ser Leu Ile Lys Phe Phe
1 5

<210> 25173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25173
Ser Leu Ile Lys Phe Phe Asn Lys Met Lys
1 5 10

<210> 25174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25174
Leu Ile Lys Phe Phe Asn Lys Met Lys Lys
1 5 10

<210> 25175
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25175
Glu Gln Ser Leu Ile Lys Phe Phe Asn Lys
1 5 10

<210> 25176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25176
Lys Cys Ser Glu Gln Ser Leu Ile Lys Phe
1 5 10

<210> 25177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25177
Ile Lys Phe Phe Asn Lys Met Lys Lys Trp
1 5 10

<210> 25178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25178
Gly Ala Ala Ala Thr Ala Ala Ala Val
1 5

<210> 25179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25179
Ala Thr Ala Ala Ala Val Thr Ala Ala
1 5

<210> 25180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25180
Thr Ala Ala Ala Val Thr Ala Ala Ser
1 5

<210> 25181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25181
Ser Gly Ala Ala Ala Thr Ala Ala Ala Val
1 5 10

<210> 25182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25182
Thr Ala Ala Ala Val Thr Ala Ala Ser Thr
1 5 10

<210> 25183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25183
Lys Ser Trp Gln Gly Arg Ile Leu Trp
1 5

<210> 25184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25184
Trp Glu Asn Glu Glu Glu Glu Asp Leu
1 5

<210> 25185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25185
Thr Lys Ser Trp Gln Gly Arg Ile Leu Trp
1 5 10

<210> 25186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25186
Ser Val Lys Glu Arg Leu Gly Ala Val
1 5

<210> 25187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25187
Lys Glu Arg Leu Gly Ala Val Pro Ser
1 5

<210> 25188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25188
Leu Gly Ala Val Pro Ser Ser Thr Ile
1 5

<210> 25189
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25189
Arg Leu Gly Ala Val Pro Ser Ser Thr Ile
1 5 10

<210> 25190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25190
Lys Glu Arg Leu Gly Ala Val Pro Ser Ser
1 5 10

<210> 25191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25191
Leu Gly Ile Thr Gly Arg Leu Gln Leu
1 5

<210> 25192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25192
Ile Thr Gly Arg Leu Gln Leu Met Ala Arg
1 5 10

<210> 25193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25193
Leu Glu Arg Thr Gly Ile Asp Leu Gly Ile
1 5 10

<210> 25194
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25194
Leu Gly Ile Thr Gly Arg Leu Gln Leu Met
1 5 10

<210> 25195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25195
Ala Ser Ala Ala Ala Ala Ala Ala Ala Val
1 5 10

<210> 25196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25196
Ser Ala Ala Ala Ala Ala Ala Ala Val Ile
1 5 10

<210> 25197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25197

Val Ile Val Glu Gly Leu Glu Pro Tyr
1 5

<210> 25198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25198
Val Ile Val Glu Gly Leu Glu Pro Tyr Val
1 5 10

<210> 25199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25199
Glu Val Ile Val Glu Gly Leu Glu Pro Tyr
1 5 10

<210> 25200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25200
Phe Arg Gly Gly Arg Phe Phe Val Phe
1 5

<210> 25201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25201
His Asp Phe Arg Gly Gly Arg Phe Phe
1 5

<210> 25202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25202
Asp Phe Arg Gly Gly Arg Phe Phe Val Phe
1 5 10

<210> 25203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25203
His Asp Phe Arg Gly Gly Arg Phe Phe Val
1 5 10

<210> 25204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25204
Phe Met Lys His Gln Leu Lys Ile Val
1 5

<210> 25205
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25205
Gln Leu Lys Ile Val Leu Arg Gly Val
1 5

<210> 25206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25206
Pro Phe Met Lys His Gln Leu Lys Ile
1 5

<210> 25207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25207
Ala Pro Phe Met Lys His Gln Leu Lys
1 5

<210> 25208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25208
Met Lys His Gln Leu Lys Ile Val Leu
1 5

<210> 25209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25209
Cys Leu Ala Pro Phe Met Lys His Gln Leu
1 5 10

<210> 25210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25210
His Gln Leu Lys Ile Val Leu Arg Gly Val
1 5 10

<210> 25211
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25211
Phe Met Lys His Gln Leu Lys Ile Val Leu
1 5 10

<210> 25212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25212
Leu Ala Pro Phe Met Lys His Gln Leu Lys
1 5 10

<210> 25213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25213
Ala Pro Phe Met Lys His Gln Leu Lys Ile
1 5 10

<210> 25214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25214
Lys Leu Leu Val Gln Val Ser Met Ala

1 5

<210> 25215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25215
Leu Val Gln Val Ser Met Ala Glu Phe
1 5

<210> 25216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25216
Thr Glu Phe Glu Gly Lys Leu Leu Val
1 5

<210> 25217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25217
Gly Lys Leu Leu Val Gln Val Ser Met
1 5

<210> 25218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25218
Phe Glu Gly Lys Leu Leu Val Gln Val
1 5

<210> 25219

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25219
Val Thr Glu Phe Glu Gly Lys Leu Leu Val
1 5 10

<210> 25220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25220
Leu Leu Val Gln Val Ser Met Ala Glu Phe
1 5 10

<210> 25221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25221
Val Gln Val Ser Met Ala Glu Phe Pro Gly
1 5 10

<210> 25222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25222
Thr Glu Phe Glu Gly Lys Leu Leu Val Gln
1 5 10

<210> 25223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25223
Phe Glu Gly Lys Leu Leu Val Gln Val Ser
1 5 10

<210> 25224
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25224
Glu Thr Leu Val Asp Ala Asp Leu Tyr
1 5

<210> 25225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25225
Tyr Phe Asn Glu Asp Pro Glu Thr Leu
1 5

<210> 25226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25226
Tyr Tyr Phe Asn Glu Asp Pro Glu Thr Leu
1 5 10

<210> 25227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25227
Cys Gln Asn Ile Asn Ser Gly Asn Leu
1 5

<210> 25228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25228
Asn Ile Asn Ser Gly Asn Leu Val Ser Val
1 5 10

<210> 25229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25229
Cys Gln Asn Ile Asn Ser Gly Asn Leu Val
1 5 10

<210> 25230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25230
Ile Asn Ser Gly Asn Leu Val Ser Val Leu
1 5 10

<210> 25231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25231
Ser Leu Leu Arg Ser Thr Ala Phe Leu
1 5

<210> 25232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25232
Leu Leu Arg Ser Thr Ala Phe Leu Arg
1 5

<210> 25233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25233
Ser Pro Gly His Cys Ala Ser Leu Leu
1 5

<210> 25234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25234
Ala Ser Leu Leu Arg Ser Thr Ala Phe
1 5

<210> 25235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25235
Leu Arg Ser Thr Ala Phe Leu Arg Trp
1 5

<210> 25236
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25236
Ser Leu Leu Arg Ser Thr Ala Phe Leu Arg
1 5 10

<210> 25237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25237
Ala Ser Leu Leu Arg Ser Thr Ala Phe Leu
1 5 10

<210> 25238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25238
Cys Ala Ser Leu Leu Arg Ser Thr Ala Phe
1 5 10

<210> 25239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25239
Leu Leu Arg Ser Thr Ala Phe Leu Arg Trp
1 5 10

<210> 25240
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25240
Trp Ile Asp Val Ala Met Tyr Leu Tyr
1 5

<210> 25241
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25241
Gln Trp Ile Asp Val Ala Met Tyr Leu
1 5

<210> 25242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25242
Trp Gln Trp Ile Asp Val Ala Met Tyr
1 5

<210> 25243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25243
Arg Gln Gln Trp Gln Trp Ile Asp Val
1 5

<210> 25244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25244
Gln Gln Trp Gln Trp Ile Asp Val Ala
1 5

<210> 25245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25245
Gln Trp Gln Trp Ile Asp Val Ala Met
1 5

<210> 25246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25246
Val Ala Met Tyr Leu Tyr Arg Ser Trp
1 5

<210> 25247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25247
Trp Gln Trp Ile Asp Val Ala Met Tyr Leu
1 5 10

<210> 25248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25248
Trp Ile Asp Val Ala Met Tyr Leu Tyr Arg
1 5 10

<210> 25249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25249
Gln Trp Gln Trp Ile Asp Val Ala Met Tyr
1 5 10

<210> 25250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25250
Gln Trp Ile Asp Val Ala Met Tyr Leu Tyr
1 5 10

<210> 25251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25251
Gln Gln Trp Gln Trp Ile Asp Val Ala Met
1 5 10

<210> 25252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25252
Arg Gln Gln Trp Gln Trp Ile Asp Val Ala
1 5 10

<210> 25253
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25253
Met Pro Arg Trp Gly Leu Leu Leu Leu Trp
1 5 10

<210> 25254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25254
Gly Ser Asn Arg Asp His Leu Leu Met
1 5

<210> 25255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25255
Ala Gly Arg Gly Pro Val Gly Ser Asn Arg
1 5 10

<210> 25256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25256
Gly Pro Val Gly Ser Asn Arg Asp His Leu
1 5 10

<210> 25257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25257
Ser Pro Val Lys Lys Val Pro Val Val
1 5

<210> 25258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25258
Cys Gln Ser Pro Leu Thr Gln Ser Pro
1 5

<210> 25259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25259
Cys Gln Ser Pro Leu Thr Gln Ser Pro Val
1 5 10

<210> 25260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25260
Thr Gln Ser Pro Val Lys Lys Val Pro Val
1 5 10

<210> 25261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25261

Thr Pro Ser Lys Lys Lys Asn Glu Ile
1 5

<210> 25262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25262
Lys Lys Lys Asn Glu Ile Ser Thr Ile
1 5

<210> 25263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25263
Lys Lys Asn Glu Ile Ser Thr Ile Ala
1 5

<210> 25264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25264
Asn Glu Ile Ser Thr Ile Ala Ser Asn Tyr
1 5 10

<210> 25265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25265
Ser Lys Lys Lys Asn Glu Ile Ser Thr Ile
1 5 10

<210> 25266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25266
Ile Met Lys Ala Cys Asn Glu Glu Ser Arg
1 5 10

<210> 25267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25267
Asn Glu Glu Ser Arg Ser Cys Asp Ile Phe
1 5 10

<210> 25268
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25268
Arg Pro Gly Leu Cys Pro Pro Pro Leu
1 5

<210> 25269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25269
Val Glu Gln Arg Arg Arg Pro Gly Leu
1 5

<210> 25270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25270
Arg Arg Pro Gly Leu Cys Pro Pro Pro Leu
1 5 10

<210> 25271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25271
Phe Leu Leu Ala Val Gln Asp Leu Lys
1 5

<210> 25272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25272
Leu Leu Ala Val Gln Asp Leu Lys Lys
1 5

<210> 25273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25273
Arg Phe Leu Leu Ala Val Gln Asp Leu
1 5

<210> 25274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25274
Phe Ser Ser Glu Asn Leu Arg Phe Leu
1 5

<210> 25275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25275
Ser Glu Asn Leu Arg Phe Leu Leu Ala
1 5

<210> 25276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25276
Phe Leu Leu Ala Val Gln Asp Leu Lys Lys
1 5 10

<210> 25277
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25277
Arg Phe Leu Leu Ala Val Gln Asp Leu Lys
1 5 10

<210> 25278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25278
Phe Ser Ser Glu Asn Leu Arg Phe Leu Leu

1 5 10

<210> 25279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25279
Ser Glu Asn Leu Arg Phe Leu Leu Ala Val
1 5 10

<210> 25280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25280
Leu Arg Phe Leu Leu Ala Val Gln Asp Leu
1 5 10

<210> 25281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25281
Cys Thr Val Lys Ser Phe Leu Ser Lys
1 5

<210> 25282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25282
Ile Pro Ile Cys Thr Val Lys Ser Phe
1 5

<210> 25283

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25283
Lys Asn Gly Ile Pro Ile Cys Thr Val Lys
1 5 10

<210> 25284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25284
Cys Thr Val Lys Ser Phe Leu Ser Lys Ile
1 5 10

<210> 25285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25285
Ile Pro Ile Cys Thr Val Lys Ser Phe Leu
1 5 10

<210> 25286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25286
Arg Ser Leu Glu Leu Gly Ala Ala Phe
1 5

<210> 25287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25287
Leu Glu Ala Asp Met Arg Arg Ser Leu
1 5

<210> 25288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25288
Ala Asp Met Arg Arg Ser Leu Glu Leu
1 5

<210> 25289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25289
Ser Leu Glu Leu Gly Ala Ala Phe Pro Leu
1 5 10

<210> 25290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25290
Arg Arg Ser Leu Glu Leu Gly Ala Ala Phe
1 5 10

<210> 25291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25291
Arg Leu Tyr Ser Ile Cys Tyr Thr His
1 5

<210> 25292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25292
Glu Tyr Glu Thr Arg Leu Tyr Ser Ile
1 5

<210> 25293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25293
Leu Tyr Ser Ile Cys Tyr Thr His Ile
1 5

<210> 25294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25294
Glu Thr Arg Leu Tyr Ser Ile Cys Tyr
1 5

<210> 25295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25295
Tyr Glu Thr Arg Leu Tyr Ser Ile Cys
1 5

<210> 25296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25296
Arg Leu Tyr Ser Ile Cys Tyr Thr His Ile
1 5 10

<210> 25297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25297
Ser Ile Cys Tyr Thr His Ile Gly Gly Leu
1 5 10

<210> 25298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25298
Gln Glu Tyr Glu Thr Arg Leu Tyr Ser Ile
1 5 10

<210> 25299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25299
Tyr Glu Thr Arg Leu Tyr Ser Ile Cys Tyr
1 5 10

<210> 25300
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25300
Ala Val Ala Gly Pro Leu Ala Gly Ala
1 5

<210> 25301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25301
Gly Leu Ala Ala Gly Val Pro Pro Gly
1 5

<210> 25302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25302
Glu Ile Pro Ala Cys Leu Ser Pro Ala
1 5

<210> 25303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25303
Ser Ala Ala Gly Arg Pro Trp Ala Val
1 5

<210> 25304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25304
Cys Ser Arg Gln Leu Trp Ile His Ala
1 5

<210> 25305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25305
Trp Ala Ala Gly Ser Ala Ala Gly Arg
1 5

<210> 25306
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25306
Arg Pro Trp Ala Val Gln Cys Ser Arg
1 5

<210> 25307
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25307
Gly Pro Arg Pro Gly Pro Gly Pro Gly
1 5

<210> 25308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25308
Arg Pro Gly Pro Gly Pro Gly Ala Val
1 5

<210> 25309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25309
Gly Pro Gly Ala Val Ala Gly Pro Leu
1 5

<210> 25310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25310
Gly Pro Leu Ala Gly Ala Pro Ala Ala
1 5

<210> 25311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25311
Gly Pro His Gly Pro Ala Arg Pro Ala
1 5

<210> 25312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25312
Ala Pro Ala His Cys Gly Leu Ala Ala
1 5

<210> 25313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25313
Ser Pro Ala Arg Pro Gly Phe Trp Ala
1 5

<210> 25314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25314
Cys Leu Ser Pro Ala Arg Pro Gly Phe
1 5

<210> 25315
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25315
Ala Glu Ile Pro Ala Cys Leu Ser Pro
1 5

<210> 25316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25316
Gly Phe Trp Ala Ala Gly Ser Ala Ala
1 5

<210> 25317
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25317
Ala Gly Ser Ala Ala Gly Arg Pro Trp
1 5

<210> 25318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25318
Trp Ala Val Gln Cys Ser Arg Gln Leu
1 5

<210> 25319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25319
Val Gln Cys Ser Arg Gln Leu Trp Ile
1 5

<210> 25320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25320
Arg Gln Leu Trp Ile His Ala Cys Pro
1 5

<210> 25321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25321
Trp Ile His Ala Cys Pro Pro Gly His Ala
1 5 10

<210> 25322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25322
Thr Leu Trp Leu Val Gly Ala Gly Pro Arg
1 5 10

<210> 25323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25323
Glu Ile Pro Ala Cys Leu Ser Pro Ala Arg
1 5 10

<210> 25324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25324
Phe Trp Ala Ala Gly Ser Ala Ala Gly Arg
1 5 10

<210> 25325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25325

Glu Pro Ala Ala Pro Ala His Cys Gly Leu
1 5 10

<210> 25326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25326
Gly Pro Arg Pro Gly Pro Gly Pro Gly Ala
1 5 10

<210> 25327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25327
Arg Pro Gly Pro Gly Pro Gly Ala Val Ala
1 5 10

<210> 25328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25328
Gly Pro Ala Arg Pro Ala Pro Glu Pro Ala
1 5 10

<210> 25329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25329
Arg Pro Ala Pro Glu Pro Ala Ala Pro Ala
1 5 10

<210> 25330
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25330
Ser Pro Ala Arg Pro Gly Phe Trp Ala Ala
1 5 10

<210> 25331
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25331
Arg Pro Gly Phe Trp Ala Ala Gly Ser Ala
1 5 10

<210> 25332
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25332
Ala Glu Ile Pro Ala Cys Leu Ser Pro Ala
1 5 10

<210> 25333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25333
Ala Cys Leu Ser Pro Ala Arg Pro Gly Phe
1 5 10

<210> 25334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25334
Ala Ala Gly Ser Ala Ala Gly Arg Pro Trp
1 5 10

<210> 25335
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25335
Trp Ala Val Gln Cys Ser Arg Gln Leu Trp
1 5 10

<210> 25336
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25336
Arg Gln Leu Trp Ile His Ala Cys Pro Pro
1 5 10

<210> 25337
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25337
His Ala Cys Pro Pro Gly His Ala Gly Trp
1 5 10

<210> 25338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25338
Phe Val Asp Ser Asn Asp Pro Thr Ile
1 5

<210> 25339
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25339
Gly Gln Phe Val Asp Ser Asn Asp Pro Thr
1 5 10

<210> 25340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25340
Ser Asn Asp Pro Thr Ile Glu Asn Thr Phe
1 5 10

<210> 25341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25341
Val Phe Gln Asn Tyr Val Ala Asp Ile
1 5

<210> 25342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25342
Tyr Val Pro Thr Val Phe Gln Asn Tyr

1 5

<210> 25343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25343
Val Pro Thr Val Phe Gln Asn Tyr Val
1 5

<210> 25344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25344
Tyr Val Pro Thr Val Phe Gln Asn Tyr Val
1 5 10

<210> 25345
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25345
Phe Gln Asn Tyr Val Ala Asp Ile Glu Val
1 5 10

<210> 25346
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25346
Val Tyr Val Pro Thr Val Phe Gln Asn Tyr
1 5 10

<210> 25347

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25347
Thr Val Phe Gln Asn Tyr Val Ala Asp Ile
1 5 10

<210> 25348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25348
Val Pro Thr Val Phe Gln Asn Tyr Val Ala
1 5 10

<210> 25349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25349
Val Pro Thr Val Phe Glu Asn Cys Val
1 5

<210> 25350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25350
Tyr Val Pro Thr Val Phe Glu Asn Cys Val
1 5 10

<210> 25351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25351
Thr Val Phe Glu Asn Cys Val Ala Asp Ile
1 5 10

<210> 25352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25352
Cys Val Ala Asp Ile Glu Val Asp Gly Lys
1 5 10

<210> 25353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25353
Val Tyr Val Pro Thr Val Phe Glu Asn Cys
1 5 10

<210> 25354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25354
Phe Glu Asn Cys Val Ala Asp Ile Glu Val
1 5 10

<210> 25355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25355
Phe Met Asn Gln Glu Ile Met Lys Ala
1 5

<210> 25356
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25356
Ile Met Lys Ala Phe His Val Arg Lys
1 5

<210> 25357
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25357
Ala Phe Met Asn Gln Glu Ile Met Lys
1 5

<210> 25358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25358
Glu Ile Met Lys Ala Phe His Val Arg
1 5

<210> 25359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25359
Met Asn Gln Glu Ile Met Lys Ala Phe
1 5

<210> 25360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25360
Met Lys Ala Phe His Val Arg Lys Ala
1 5

<210> 25361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25361
Glu Ala Phe Met Asn Gln Glu Ile Met
1 5

<210> 25362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25362
Gln Glu Ile Met Lys Ala Phe His Val
1 5

<210> 25363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25363
Phe Met Asn Gln Glu Ile Met Lys Ala Phe
1 5 10

<210> 25364
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25364
Ile Met Lys Ala Phe His Val Arg Lys Ala
1 5 10

<210> 25365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25365
Glu Ala Phe Met Asn Gln Glu Ile Met Lys
1 5 10

<210> 25366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25366
Glu Ile Met Lys Ala Phe His Val Arg Lys
1 5 10

<210> 25367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25367
Lys Glu Ala Phe Met Asn Gln Glu Ile Met
1 5 10

<210> 25368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25368
Gln Met Arg Leu Glu Leu Ser Phe Val
1 5

<210> 25369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25369
Lys Val Arg Glu Gln Met Arg Leu Glu
1 5

<210> 25370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25370
Asn Ser Lys Val Arg Glu Gln Met Arg
1 5

<210> 25371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25371
Glu Gln Met Arg Leu Glu Leu Ser Phe
1 5

<210> 25372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25372
Ser Lys Val Arg Glu Gln Met Arg Leu
1   5

<210> 25373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 25373
Val Arg Glu Gln Met Arg Leu Glu Leu
1   5

<210> 25374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 25374
Arg Glu Gln Met Arg Leu Glu Leu Ser
1   5

<210> 25375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 25375
Glu Gln Met Arg Leu Glu Leu Ser Phe Val
1   5   10

<210> 25376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 25376
Lys Val Arg Glu Gln Met Arg Leu Glu Leu
1   5   10

<210> 25377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25377
Arg Glu Gln Met Arg Leu Glu Leu Ser Phe
1 5 10

<210> 25378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25378
Ser Gly Ile Lys Arg Leu Phe Arg Phe
1 5

<210> 25379
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25379
Gly Ile Lys Arg Leu Phe Arg Phe Phe
1 5

<210> 25380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25380
Lys Arg Leu Phe Arg Phe Phe Ser Arg
1 5

<210> 25381
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25381
Leu Phe Arg Phe Phe Ser Arg Asp Lys
1 5

<210> 25382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25382
Glu Ser Gly Ile Lys Arg Leu Phe Arg
1 5

<210> 25383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25383
Arg Phe Phe Ser Arg Asp Lys Lys Arg
1 5

<210> 25384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25384
Arg Leu Phe Arg Phe Phe Ser Arg Asp Lys
1 5 10

<210> 25385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25385
Ser Gly Ile Lys Arg Leu Phe Arg Phe Phe
1 5 10

<210> 25386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25386
Gly Ile Lys Arg Leu Phe Arg Phe Phe Ser
1 5 10

<210> 25387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25387
Ile Lys Arg Leu Phe Arg Phe Phe Ser Arg
1 5 10

<210> 25388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25388
Leu Phe Arg Phe Phe Ser Arg Asp Lys Lys
1 5 10

<210> 25389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25389

Arg Asp His Leu Ser Pro Asp Phe Tyr
1 5

<210> 25390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25390
Tyr Gly Arg Asp His Leu Ser Pro Asp Phe
1 5 10

<210> 25391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25391
Arg Cys Tyr Thr Leu Gln Glu Asn Lys
1 5

<210> 25392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25392
Thr Leu Gln Glu Asn Lys Gln Leu Arg
1 5

<210> 25393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25393
Gln Glu Asn Lys Gln Leu Arg Arg Ala
1 5

<210> 25394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25394
Tyr Thr Leu Gln Glu Asn Lys Gln Leu Arg
1 5 10

<210> 25395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25395
Leu Leu Glu Phe Ser Gln Leu Arg Val
1 5

<210> 25396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25396
Thr Leu Leu Glu Phe Ser Gln Leu Arg
1 5

<210> 25397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25397
Ser Gln Leu Arg Val Pro Leu Thr Trp
1 5

<210> 25398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25398
Leu Glu Phe Ser Gln Leu Arg Val Pro
1 5

<210> 25399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25399
Thr Leu Leu Glu Phe Ser Gln Leu Arg Val
1 5 10

<210> 25400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25400
Gln Leu Arg Val Pro Leu Thr Trp Gln Lys
1 5 10

<210> 25401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25401
Ser Thr Leu Leu Glu Phe Ser Gln Leu Arg
1 5 10

<210> 25402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25402
Phe Ser Gln Leu Arg Val Pro Leu Thr Trp
1 5 10

<210> 25403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25403
Leu Glu Phe Ser Gln Leu Arg Val Pro Leu
1 5 10

<210> 25404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25404
Phe Ile Thr Lys Val Lys Lys Glu Val
1 5

<210> 25405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25405
Leu Ser Gln His Glu Pro Gln Phe Tyr
1 5

<210> 25406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25406
Ser Pro Ser Asp Tyr Ala Asp Arg Leu

1 5

<210> 25407
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25407
Arg Leu Ser Gln His Glu Pro Gln Phe
1 5

<210> 25408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25408
Arg Leu Ser Gln His Glu Pro Gln Phe Tyr
1 5 10

<210> 25409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25409
Phe Ile Tyr Ser Pro Val His Gln Arg
1 5

<210> 25410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25410
His Gln Arg Glu Phe Arg Glu Arg Met
1 5

<210> 25411

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25411
Ile Tyr Ser Pro Val His Gln Arg Glu Phe
1 5 10

<210> 25412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25412
Thr Phe Ile Tyr Ser Pro Val His Gln Arg
1 5 10

<210> 25413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25413
Tyr Ser Pro Val His Gln Arg Glu Phe Arg
1 5 10

<210> 25414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25414
His Gln Arg Glu Phe Arg Glu Arg Met Leu
1 5 10

<210> 25415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25415
Ser Met Pro Glu Val Pro Arg Thr Ala
1 5

<210> 25416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25416
Ser Met Pro Glu Val Pro Arg Thr Ala Lys
1 5 10

<210> 25417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25417
His Ser Met Pro Glu Val Pro Arg Thr Ala
1 5 10

<210> 25418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25418
Val Pro Arg Thr Ala Lys Gln Pro Pro Val
1 5 10

<210> 25419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25419
His Gln Ile His Ser Lys Asp Gly Leu
1 5

<210> 25420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25420
Ser Lys Asp Gly Leu Leu Gln Gln Leu
1 5

<210> 25421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25421
His Gln Ile His Ser Lys Asp Gly Leu Leu
1 5 10

<210> 25422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25422
Gln Thr Thr Thr Met Ser Gly Gly Lys
1 5

<210> 25423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25423
Gly Gly Lys Glu Ser Pro Gly Arg Glu Lys
1 5 10

<210> 25424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25424
Lys Glu Ser Pro Gly Arg Glu Lys Gly Met
1 5 10

<210> 25425
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25425
Ser Leu Ala Pro Ala Leu Arg Ser Arg
1 5

<210> 25426
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25426
Gly Pro Gly Pro Glu Gly Gln Ser Leu
1 5

<210> 25427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25427
Pro Glu Gly Gln Ser Leu Ala Pro Ala
1 5

<210> 25428
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25428
Ser Leu Ala Pro Ala Leu Arg Ser Arg Ile
1 5 10

<210> 25429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25429
Glu Gly Gln Ser Leu Ala Pro Ala Leu Arg
1 5 10

<210> 25430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25430
Pro Glu Gly Gln Ser Leu Ala Pro Ala Leu
1 5 10

<210> 25431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25431
Met Gln Lys Asn Gln Ser Asn Phe Leu
1 5

<210> 25432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25432
Lys Leu Ile Ser Ser Ala Pro Leu Thr
1 5

<210> 25433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25433
Phe Leu Ile Ser Phe Trp Ser Arg Lys
1 5

<210> 25434
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25434
Lys Met Gln Lys Asn Gln Ser Asn Phe
1 5

<210> 25435
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25435
Arg Ile Arg Ser Ala Leu Lys Met Gln
1 5

<210> 25436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25436
Ile Ser Phe Trp Ser Arg Lys Leu Ile
1 5

<210> 25437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25437
Trp Ser Arg Lys Leu Ile Ser Ser Ala
1 5

<210> 25438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25438
Asn Phe Leu Ile Ser Phe Trp Ser Arg
1 5

<210> 25439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25439
Asn Gln Ser Asn Phe Leu Ile Ser Phe
1 5

<210> 25440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25440
Lys Arg Ile Arg Ser Ala Leu Lys Met
1 5

<210> 25441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25441
Gln Lys Asn Gln Ser Asn Phe Leu Ile
1 5

<210> 25442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25442
Arg Lys Leu Ile Ser Ser Ala Pro Leu
1 5

<210> 25443
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25443
Ile Ser Ser Ala Pro Leu Thr Ala Ile
1 5

<210> 25444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25444
Lys Met Gln Lys Asn Gln Ser Asn Phe Leu
1 5 10

<210> 25445
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25445
Phe Leu Ile Ser Phe Trp Ser Arg Lys Leu
1 5 10

<210> 25446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25446
Lys Leu Ile Ser Ser Ala Pro Leu Thr Ala
1 5 10

<210> 25447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25447
Leu Ile Ser Ser Ala Pro Leu Thr Ala Ile
1 5 10

<210> 25448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25448
Met Gln Lys Asn Gln Ser Asn Phe Leu Ile
1 5 10

<210> 25449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25449
Arg Ile Arg Ser Ala Leu Lys Met Gln Lys
1 5 10

<210> 25450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25450
Ser Asn Phe Leu Ile Ser Phe Trp Ser Arg
1 5 10

<210> 25451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25451
Lys Asn Gln Ser Asn Phe Leu Ile Ser Phe
1 5 10

<210> 25452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25452
Asn Phe Leu Ile Ser Phe Trp Ser Arg Lys
1 5 10

<210> 25453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25453

Ser Arg Lys Leu Ile Ser Ser Ala Pro Leu
1 5 10

<210> 25454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25454
Leu Lys Met Gln Lys Asn Gln Ser Asn Phe
1 5 10

<210> 25455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25455
Asn Gln Ser Asn Phe Leu Ile Ser Phe Trp
1 5 10

<210> 25456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25456
Phe Thr Ala Met Arg Asp Gln Tyr Ile
1 5

<210> 25457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25457
Ala Met Arg Asp Gln Tyr Ile Arg Ala
1 5

<210> 25458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25458
Tyr Ile Arg Ala Gly Glu Gly Phe Ile
1 5

<210> 25459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25459
Gln Tyr Ile Arg Ala Gly Glu Gly Phe
1 5

<210> 25460
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25460
Thr Ala Met Arg Asp Gln Tyr Ile Arg
1 5

<210> 25461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25461
Ile Arg Ala Gly Glu Gly Phe Ile Ile
1 5

<210> 25462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25462
Tyr Ile Arg Ala Gly Glu Gly Phe Ile Ile
1 5 10

<210> 25463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25463
Gln Tyr Ile Arg Ala Gly Glu Gly Phe Ile
1 5 10

<210> 25464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25464
Ala Met Arg Asp Gln Tyr Ile Arg Ala Gly
1 5 10

<210> 25465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25465
Phe Thr Ala Met Arg Asp Gln Tyr Ile Arg
1 5 10

<210> 25466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25466
Asp Gln Tyr Ile Arg Ala Gly Glu Gly Phe
1 5 10

<210> 25467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25467
Gly Gln Ala Glu Phe Thr Ala Met Leu
1 5

<210> 25468
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25468
Thr Ala Met Leu Glu Gln Tyr Met Arg
1 5

<210> 25469
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25469
Phe Thr Ala Met Leu Glu Gln Tyr Met
1 5

<210> 25470
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25470
Ala Glu Phe Thr Ala Met Leu Glu Gln

1 5

<210> 25471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25471
Phe Thr Ala Met Leu Glu Gln Tyr Met Arg
1 5 10

<210> 25472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25472
Ala Glu Phe Thr Ala Met Leu Glu Gln Tyr
1 5 10

<210> 25473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25473
Arg Glu Leu Gln Glu Met Val Gln Val
1 5

<210> 25474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25474
Gln Glu Met Val Gln Val Gln Ala Ala
1 5

<210> 25475

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25475
Val Gln Ala Ala Ser Gly Glu Glu Leu
1 5

<210> 25476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25476
Leu Gln Glu Met Val Gln Val Gln Ala Ala
1 5 10

<210> 25477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25477
Val Gln Ala Ala Ser Gly Glu Glu Leu Ala
1 5 10

<210> 25478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25478
Gln Glu Met Val Gln Val Gln Ala Ala Ser
1 5 10

<210> 25479
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25479
Phe Tyr Gln Glu Ile Asn Glu Asn Ile
1 5

<210> 25480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25480
Tyr Gln Glu Ile Asn Glu Asn Ile Leu
1 5

<210> 25481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25481
Asn Glu Asn Ile Leu Pro Ser Asp Phe
1 5

<210> 25482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25482
Gly Phe Tyr Gln Glu Ile Asn Glu Asn Ile
1 5 10

<210> 25483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25483
Phe Tyr Gln Glu Ile Asn Glu Asn Ile Leu
1 5 10

<210> 25484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25484
Gln Glu Ile Asn Glu Asn Ile Leu Pro Ser
1 5 10

<210> 25485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25485
Ser Leu Ser Ser Gly Ser Ser Gly Ala
1 5

<210> 25486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25486
Phe Glu Gly Ser Asn Glu Gly Ser Leu
1 5

<210> 25487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25487
Leu Ile Arg Asn Arg Gln Cys Glu Ala
1 5

<210> 25488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25488
Arg Gln Cys Glu Ala Ala Asp Ser Ser
1 5

<210> 25489
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25489
Cys Glu Ala Ala Asp Ser Ser Pro Ser
1 5

<210> 25490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25490
Lys Leu Ile Arg Asn Arg Gln Cys Glu Ala
1 5 10

<210> 25491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25491
Leu Ile Arg Asn Arg Gln Cys Glu Ala Ala
1 5 10

<210> 25492
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25492
Arg Gln Cys Glu Ala Ala Asp Ser Ser Pro
1 5 10

<210> 25493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25493
Gln Val Asp Val Leu Asn Ser Gln Lys
1 5

<210> 25494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25494
Val Leu Asn Ser Gln Lys Lys Tyr Phe
1 5

<210> 25495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25495
Ala Gln Val Asp Val Leu Asn Ser Gln Lys
1 5 10

<210> 25496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25496
Gln Val Asp Val Leu Asn Ser Gln Lys Lys
1 5 10

<210> 25497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25497
Thr Met Val Met Gly Ile Ile Phe Met
1 5

<210> 25498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25498
Val Met Gly Ile Ile Phe Met Cys Leu
1 5

<210> 25499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25499
His Ile Gly Cys Thr Gln Thr Met Val
1 5

<210> 25500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25500
Arg Leu Cys Pro His Ile Leu Asp Arg
1 5

<210> 25501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25501
Gln Thr Met Val Met Gly Ile Ile Phe
1 5

<210> 25502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25502
Arg Gly Leu Pro Gly Asn Trp Glu Leu
1 5

<210> 25503
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25503
Arg Ala His Glu Arg Pro His Pro Ile
1 5

<210> 25504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25504
Met Gly Ile Ile Phe Met Cys Leu Arg
1 5

<210> 25505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25505
Cys Thr Gln Thr Met Val Met Gly Ile
1 5

<210> 25506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25506
Met Val Met Gly Ile Ile Phe Met Cys
1 5

<210> 25507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25507
Cys Leu Arg Leu Cys Pro His Ile Leu
1 5

<210> 25508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25508
His Glu Arg Pro His Pro Ile His Ile
1 5

<210> 25509
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25509
Ile His Ile Gly Cys Thr Gln Thr Met
1 5

<210> 25510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25510
Ile Gly Cys Thr Gln Thr Met Val Met
1 5

<210> 25511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25511
Phe Met Cys Leu Arg Leu Cys Pro His
1 5

<210> 25512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25512
Leu Gln Arg Gly Leu Pro Gly Asn Trp
1 5

<210> 25513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25513
Leu Pro Gly Asn Trp Glu Leu Lys Leu
1 5

<210> 25514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25514
Met Val Met Gly Ile Ile Phe Met Cys Leu
1 5 10

<210> 25515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25515
Phe Met Cys Leu Arg Leu Cys Pro His Ile
1 5 10

<210> 25516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25516
Arg Leu Cys Pro His Ile Leu Asp Arg Leu
1 5 10

<210> 25517
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25517

Val Met Gly Ile Ile Phe Met Cys Leu Arg
1 5 10

<210> 25518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25518
Arg Gly Leu Pro Gly Asn Trp Glu Leu Lys
1 5 10

<210> 25519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25519
Arg Ala His Glu Arg Pro His Pro Ile His
1 5 10

<210> 25520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25520
Gln Thr Met Val Met Gly Ile Ile Phe Met
1 5 10

<210> 25521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25521
Arg Pro His Pro Ile His Ile Gly Cys Thr
1 5 10

<210> 25522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25522
His Ile Gly Cys Thr Gln Thr Met Val Met
1 5 10

<210> 25523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25523
Thr Gln Thr Met Val Met Gly Ile Ile Phe
1 5 10

<210> 25524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25524
Arg Leu Gln Arg Gly Leu Pro Gly Asn Trp
1 5 10

<210> 25525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25525
Asn Ser Ser Ser Gly Met Val Arg Lys
1 5

<210> 25526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25526
Ser Met Gly Asn Ser Ser Ser Gly Met Val
1 5 10

<210> 25527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25527
Ala Trp Arg Arg Arg Glu Ala Gly Val
1 5

<210> 25528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25528
Met Ala Trp Arg Arg Arg Glu Ala Gly
1 5

<210> 25529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25529
Arg Arg Arg Glu Ala Gly Val Gly Ala Arg
1 5 10

<210> 25530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25530
Met Ala Trp Arg Arg Arg Glu Ala Gly Val
1 5 10

<210> 25531
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25531
Arg Glu Ala Gly Val Gly Ala Arg Gly Val
1 5 10

<210> 25532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25532
Arg Thr Leu Val Val Phe Val Ser Ile
1 5

<210> 25533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25533
Lys Tyr Val Ser Arg Thr Leu Val Val
1 5

<210> 25534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25534
Tyr Val Ser Arg Thr Leu Val Val Phe

1 5

<210> 25535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25535
Val Ser Arg Thr Leu Val Val Phe Val
1 5

<210> 25536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25536
Leu Gln Lys Tyr Val Ser Arg Thr Leu
1 5

<210> 25537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25537
Leu Val Val Phe Val Ser Ile Ser Phe
1 5

<210> 25538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25538
Gln Lys Tyr Val Ser Arg Thr Leu Val
1 5

<210> 25539

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25539
Tyr Val Ser Arg Thr Leu Val Val Phe Val
1 5 10

<210> 25540
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25540
Asn Leu Gln Lys Tyr Val Ser Arg Thr Leu
1 5 10

<210> 25541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25541
Leu Gln Lys Tyr Val Ser Arg Thr Leu Val
1 5 10

<210> 25542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25542
Leu Val Val Phe Val Ser Ile Ser Phe Ile
1 5 10

<210> 25543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25543
Lys Tyr Val Ser Arg Thr Leu Val Val Phe
1 5 10

<210> 25544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25544
Arg Thr Leu Val Val Phe Val Ser Ile Ser
1 5 10

<210> 25545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25545
Thr Leu Val Val Phe Val Ser Ile Ser Phe
1 5 10

<210> 25546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25546
Gln Lys Tyr Val Ser Arg Thr Leu Val Val
1 5 10

<210> 25547
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25547
Phe Tyr Tyr Ile Gln Arg Phe Gln Tyr
1 5

<210> 25548
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25548
Tyr Tyr Ile Gln Arg Phe Gln Tyr Ala
1 5

<210> 25549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25549
Ile Gln Arg Phe Gln Tyr Ala Asn Ala
1 5

<210> 25550
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25550
Tyr Ile Gln Arg Phe Gln Tyr Ala Asn Ala
1 5 10

<210> 25551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25551
Phe Tyr Tyr Ile Gln Arg Phe Gln Tyr Ala
1 5 10

<210> 25552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25552
Tyr Tyr Ile Gln Arg Phe Gln Tyr Ala Asn
1 5 10

<210> 25553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25553
Ile Gln Arg Phe Gln Tyr Ala Asn Ala Arg
1 5 10

<210> 25554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25554
Val Phe Tyr Tyr Ile Gln Arg Phe Gln Tyr
1 5 10

<210> 25555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25555
Phe Gln Tyr Ala Asn Ala Arg Asp Arg Asn
1 5 10

<210> 25556
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25556
Lys Leu Ser Ser Asn Gly Cys Tyr Met
1 5

<210> 25557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25557
Ile Lys Leu Ser Ser Asn Gly Cys Tyr
1 5

<210> 25558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25558
Leu Ser Ser Asn Gly Cys Tyr Met Leu
1 5

<210> 25559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25559
Lys Leu Ser Ser Asn Gly Cys Tyr Met Leu
1 5 10

<210> 25560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25560
Phe Ile Lys Leu Ser Ser Asn Gly Cys Tyr
1 5 10

<210> 25561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25561
Ile Lys Leu Ser Ser Asn Gly Cys Tyr Met
1 5 10

<210> 25562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25562
Ser Ser Asn Gly Cys Tyr Met Leu Pro Leu
1 5 10

<210> 25563
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25563
Lys Lys Lys Val Asp Met Cys Val Leu
1 5

<210> 25564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25564
Ser Pro Gly Gln Ser Thr Gln Leu Pro Leu
1 5 10

<210> 25565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25565
Gly Gln Ser Thr Gln Leu Pro Leu Asp Leu
1 5 10

<210> 25566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25566
Thr Gln Leu Pro Leu Asp Leu Leu Pro Ser
1 5 10

<210> 25567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25567
Gly Thr Pro Ala Pro Pro Asp Cys Pro Lys
1 5 10

<210> 25568
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25568
Arg Met Gln Leu Cys Thr Gln Leu Ala
1 5

<210> 25569
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25569
Thr Gln Leu Ala Arg Phe Phe Pro Ile
1 5

<210> 25570
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25570
Arg Phe Phe Pro Ile Thr Pro Pro Val
1 5

<210> 25571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25571
Phe Phe Pro Ile Thr Pro Pro Val Trp
1 5

<210> 25572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25572
Ile Thr Pro Pro Val Trp His Ile Leu
1 5

<210> 25573
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25573
Arg Gly Val Pro Pro Ser Pro Pro Leu
1 5

<210> 25574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25574
Met Gln Leu Cys Thr Gln Leu Ala Arg
1 5

<210> 25575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25575
His Pro Gln Arg Lys Arg Arg Gly Val
1 5

<210> 25576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25576
Val Pro Pro Ser Pro Pro Leu Ala Leu
1 5

<210> 25577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25577
Arg Lys Arg Arg Gly Val Pro Pro Ser
1 5

<210> 25578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25578
Leu Ala Leu Gly Pro Arg Met Gln Leu
1 5

<210> 25579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25579
Gln Leu Cys Thr Gln Leu Ala Arg Phe
1 5

<210> 25580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25580
Phe Pro Ile Thr Pro Pro Val Trp His
1 5

<210> 25581
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25581

Arg Met Gln Leu Cys Thr Gln Leu Ala Arg
1 5 10

<210> 25582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25582
Met Gln Leu Cys Thr Gln Leu Ala Arg Phe
1 5 10

<210> 25583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25583
Cys Thr Gln Leu Ala Arg Phe Phe Pro Ile
1 5 10

<210> 25584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25584
Arg Phe Phe Pro Ile Thr Pro Pro Val Trp
1 5 10

<210> 25585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25585
Arg Gly Val Pro Pro Ser Pro Pro Leu Ala
1 5 10

<210> 25586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25586
Phe Pro Ile Thr Pro Pro Val Trp His Ile
1 5 10

<210> 25587
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25587
Ser Pro Pro Leu Ala Leu Gly Pro Arg Met
1 5 10

<210> 25588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25588
Gly Pro Arg Met Gln Leu Cys Thr Gln Leu
1 5 10

<210> 25589
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25589
Arg Arg Gly Val Pro Pro Ser Pro Pro Leu
1 5 10

<210> 25590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25590
Gln Leu Cys Thr Gln Leu Ala Arg Phe Phe
1 5 10

<210> 25591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25591
Thr Gln Leu Ala Arg Phe Phe Pro Ile Thr
1 5 10

<210> 25592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25592
Ala Arg Phe Phe Pro Ile Thr Pro Pro Val
1 5 10

<210> 25593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25593
Ser Pro Arg Arg Ala Pro Pro Pro Leu
1 5

<210> 25594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25594
Arg Arg Ala Pro Pro Pro Leu Pro Val
1 5

<210> 25595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25595
Ile Ile Leu Ala Leu Val Leu Arg Ile
1 5

<210> 25596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25596
Ile Phe Val Ile Ile Leu Ala Leu Val
1 5

<210> 25597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25597
Val Ile Ile Leu Ala Leu Val Leu Arg
1 5

<210> 25598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25598
Thr Ile Phe Val Ile Ile Leu Ala Leu

1 5

<210> 25599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25599
Phe Val Ile Ile Leu Ala Leu Val Leu
1 5

<210> 25600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25600
Thr Ile Phe Val Ile Ile Leu Ala Leu Val
1 5 10

<210> 25601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25601
Val Ile Ile Leu Ala Leu Val Leu Arg Ile
1 5 10

<210> 25602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25602
Ile Phe Val Ile Ile Leu Ala Leu Val Leu
1 5 10

<210> 25603

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25603
Leu Val Leu Arg Ile Arg Cys Arg Pro Arg
1 5 10

<210> 25604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25604
Phe Val Ile Ile Leu Ala Leu Val Leu Arg
1 5 10

<210> 25605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25605
Ile Ile Leu Ala Leu Val Leu Arg Ile Arg
1 5 10

<210> 25606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25606
Leu Ala Leu Val Leu Arg Ile Arg Cys Arg
1 5 10

<210> 25607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25607
Gly Thr Ile Phe Val Ile Ile Leu Ala Leu
1 5 10

<210> 25608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25608
Val Tyr Lys Lys His Phe Trp Asn Ser
1 5

<210> 25609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25609
Lys Lys His Phe Trp Asn Ser Thr Lys
1 5

<210> 25610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25610
Lys His Phe Trp Asn Ser Thr Lys Lys
1 5

<210> 25611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25611
Ser Thr Lys Lys Arg Leu Arg Thr Met
1 5

<210> 25612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25612
Lys Lys Arg Leu Arg Thr Met Lys Ile
1 5

<210> 25613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25613
Arg Leu Arg Thr Met Lys Ile Lys Cys
1 5

<210> 25614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25614
His Phe Trp Asn Ser Thr Lys Lys Arg
1 5

<210> 25615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25615
Met Lys Leu Val Tyr Lys Lys His Phe
1 5

<210> 25616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25616
Tyr Lys Lys His Phe Trp Asn Ser Thr
1 5

<210> 25617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25617
Ser Thr Lys Lys Arg Leu Arg Thr Met Lys
1 5 10

<210> 25618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25618
Lys Lys His Phe Trp Asn Ser Thr Lys Lys
1 5 10

<210> 25619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25619
Lys Lys Arg Leu Arg Thr Met Lys Ile Lys
1 5 10

<210> 25620
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25620
Arg Leu Arg Thr Met Lys Ile Lys Cys Ser
1 5 10

<210> 25621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25621
Phe Trp Asn Ser Thr Lys Lys Arg Leu Arg
1 5 10

<210> 25622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25622
Asn Met Lys Leu Val Tyr Lys Lys His Phe
1 5 10

<210> 25623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25623
Met Lys Leu Val Tyr Lys Lys His Phe Trp
1 5 10

<210> 25624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25624
Gly Leu Met Thr Leu Ser Lys Met Ile
1 5

<210> 25625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25625
Leu Met Thr Leu Ser Lys Met Ile Lys
1 5

<210> 25626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25626
Met Thr Leu Ser Lys Met Ile Lys Lys
1 5

<210> 25627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25627
Thr Leu Ser Lys Met Ile Lys Lys Lys
1 5

<210> 25628
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25628
Leu Ser Lys Met Ile Lys Lys Lys Lys
1 5

<210> 25629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25629
Met Ile Lys Lys Lys Lys Asn Leu Val
1 5

<210> 25630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25630
Lys Gly Leu Met Thr Leu Ser Lys Met
1 5

<210> 25631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25631
Ile Lys Lys Lys Lys Asn Leu Val Ile
1 5

<210> 25632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25632
Lys Met Ile Lys Lys Lys Lys Asn Leu Val
1 5 10

<210> 25633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25633
Gly Leu Met Thr Leu Ser Lys Met Ile Lys
1 5 10

<210> 25634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25634
Leu Met Thr Leu Ser Lys Met Ile Lys Lys
1 5 10

<210> 25635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25635
Met Thr Leu Ser Lys Met Ile Lys Lys Lys
1 5 10

<210> 25636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25636
Thr Leu Ser Lys Met Ile Lys Lys Lys Lys
1 5 10

<210> 25637
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25637
Lys Lys Lys Gly Leu Met Thr Leu Ser Lys
1 5 10

<210> 25638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25638
Met Ile Lys Lys Lys Lys Asn Leu Val Ile
1 5 10

<210> 25639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25639
Ser Lys Met Ile Lys Lys Lys Lys Asn Leu
1 5 10

<210> 25640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25640
Ser Glu Lys Lys Lys Gly Leu Met Thr Leu
1 5 10

<210> 25641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25641
Lys Lys Gly Leu Met Thr Leu Ser Lys Met
1 5 10

<210> 25642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25642
Ser Ile His Glu Leu Ala Val Asn Leu
1 5

<210> 25643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25643
His Glu Leu Ala Val Asn Leu Pro Asp
1 5

<210> 25644
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25644
Ala Val Asn Leu Pro Asp Pro Gln Trp Lys
1 5 10

<210> 25645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25645

Asn Ser Ile His Glu Leu Ala Val Asn Leu
1 5 10

<210> 25646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25646
Leu Ala Val Asn Leu Pro Asp Pro Gln Trp
1 5 10

<210> 25647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25647
His Glu Leu Ala Val Asn Leu Pro Asp Pro
1 5 10

<210> 25648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25648
Thr Leu Cys Ser Gly Thr Thr Arg Lys
1 5

<210> 25649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25649
Gly Thr Leu Cys Ser Gly Thr Thr Arg
1 5

<210> 25650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25650
Ser Pro Ala Pro Ser Trp His Gly Ala
1 5

<210> 25651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25651
Ala Pro Ser Trp His Gly Ala Gly Thr
1 5

<210> 25652
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25652
Gly Thr Leu Cys Ser Gly Thr Thr Arg Lys
1 5 10

<210> 25653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25653
Val Pro Leu Pro Pro Pro Pro Ser Pro Ala
1 5 10

<210> 25654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25654
Ser Pro Ala Pro Ser Trp His Gly Ala Gly
1 5 10

<210> 25655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25655
Ala Pro Ser Trp His Gly Ala Gly Thr Leu
1 5 10

<210> 25656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25656
Trp Thr Asn Asn Gln His Cys Leu Ile
1 5

<210> 25657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25657
Arg Glu Gly Gly Trp Thr Asn Asn Gln His
1 5 10

<210> 25658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25658
Glu Val Ser Ser Leu Lys Asp Gln Leu
1 5

<210> 25659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25659
Asn Val Glu Asn Glu Val Ser Ser Leu Lys
1 5 10

<210> 25660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25660
Arg Asn Val Glu Asn Glu Val Ser Ser Leu
1 5 10

<210> 25661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25661
Asn Glu Val Ser Ser Leu Lys Asp Gln Leu
1 5 10

<210> 25662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25662
Asn Ser Asp Ile Trp Ser Tyr Gly Val

1 5

<210> 25663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25663
Lys Phe Ser Ile Asn Ser Asp Ile Trp
1 5

<210> 25664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25664
Ser Ile Asn Ser Asp Ile Trp Ser Tyr
1 5

<210> 25665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25665
Ile Met Tyr Gly Lys Phe Ser Ile Asn
1 5

<210> 25666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25666
Gly Lys Phe Ser Ile Asn Ser Asp Ile
1 5

<210> 25667

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25667
Phe Ser Ile Asn Ser Asp Ile Trp Ser Tyr
1 5 10

<210> 25668
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25668
Asn Ser Asp Ile Trp Ser Tyr Gly Val Val
1 5 10

<210> 25669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25669
Ile Met Tyr Gly Lys Phe Ser Ile Asn Ser
1 5 10

<210> 25670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25670
Ile Asn Ser Asp Ile Trp Ser Tyr Gly Val
1 5 10

<210> 25671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25671
Gly Lys Phe Ser Ile Asn Ser Asp Ile Trp
1 5 10

<210> 25672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25672
Ala Val Lys Phe Trp Arg Met Ser Lys
1 5

<210> 25673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25673
Met Ser Arg Asp Ala Val Lys Phe Trp
1 5

<210> 25674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25674
Ala Val Lys Phe Trp Arg Met Ser Lys Lys
1 5 10

<210> 25675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25675
Met Ser Arg Asp Ala Val Lys Phe Trp Arg
1 5 10

<210> 25676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25676
Asp Ala Val Lys Phe Trp Arg Met Ser Lys
1 5 10

<210> 25677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25677
Gly Met Ser Arg Asp Ala Val Lys Phe Trp
1 5 10

<210> 25678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25678
Gly Thr Gln Ile Thr Ser Phe Gln Phe
1 5

<210> 25679
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25679
Thr Gln Ile Thr Ser Phe Gln Phe Tyr
1 5

<210> 25680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25680
Gln Lys Leu Asp Ala Gly Thr Gln Ile
1 5

<210> 25681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25681
Gly Thr Gln Ile Thr Ser Phe Gln Phe Tyr
1 5 10

<210> 25682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25682
Ile Thr Ser Phe Gln Phe Tyr Ser Thr Leu
1 5 10

<210> 25683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25683
Asn Gln Lys Leu Asp Ala Gly Thr Gln Ile
1 5 10

<210> 25684
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25684
Leu Asp Ala Gly Thr Gln Ile Thr Ser Phe
1 5 10

<210> 25685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25685
Ala Gly Thr Gln Ile Thr Ser Phe Gln Phe
1 5 10

<210> 25686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25686
Asp Thr Thr Leu Val Asp Thr Leu Leu
1 5

<210> 25687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25687
Gly Met Cys Gly Asn Ala Asp Thr Thr Leu
1 5 10

<210> 25688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25688
Leu Gln Val Ile Asn Ile His Pro Ile
1 5

<210> 25689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25689
Ile Leu Gln Val Ile Asn Ile His Pro Ile
1 5 10

<210> 25690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25690
Leu Gln Val Ile Asn Ile His Pro Ile Thr
1 5 10

<210> 25691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25691
Asp Glu Phe Glu Asp Met Val Ala Thr
1 5

<210> 25692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25692
Asp Glu Phe Glu Asp Met Val Ala Thr Lys
1 5 10

<210> 25693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25693
Phe Glu Asp Met Val Ala Thr Lys Cys Leu
1 5 10

<210> 25694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25694
Val Phe Asp Arg Ile Pro Pro Pro Tyr
1 5

<210> 25695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25695
Arg Ile Pro Pro Pro Tyr Asp Lys Lys
1 5

<210> 25696
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25696
Lys Val Phe Asp Arg Ile Pro Pro Pro
1 5

<210> 25697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25697
Lys Val Phe Asp Arg Ile Pro Pro Pro Tyr
1 5 10

<210> 25698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25698
Arg Ile Pro Pro Pro Tyr Asp Lys Lys Lys
1 5 10

<210> 25699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25699
Lys Leu Lys Ala Asp Lys Ala Cys Lys
1 5

<210> 25700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25700
Lys Leu Lys Ala Asp Lys Ala Cys Lys Lys
1 5 10

<210> 25701
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25701
Val Val Lys Gly Gly Lys Lys Arg Ser Lys
1 5 10

<210> 25702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25702
Val Lys Gly Gly Lys Lys Arg Ser Lys Phe
1 5 10

<210> 25703
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25703
His Leu Ser Asp Cys Leu Cys Pro Tyr
1 5

<210> 25704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25704
Arg Ser Val Cys Thr Arg Thr Ala Lys
1 5

<210> 25705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25705
Met Ile Val Arg Val Thr Asn Arg Tyr
1 5

<210> 25706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25706
Ile Val Arg Val Thr Asn Arg Tyr His
1 5

<210> 25707
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25707
Arg Val Thr Asn Arg Tyr His Leu Ser
1 5

<210> 25708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25708
Arg Thr Ala Lys Ile Trp Cys Glu Gly
1 5

<210> 25709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25709

Cys Leu Cys Pro Tyr Arg Gly Gly Tyr
1 5

<210> 25710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25710
Asp Ser Leu Arg Ser Val Cys Thr Arg
1 5

<210> 25711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25711
Val Arg Val Thr Asn Arg Tyr His Leu
1 5

<210> 25712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25712
Lys Leu Cys Cys Ser Ile Leu Tyr Trp
1 5

<210> 25713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25713
Cys Ser Ile Leu Tyr Trp Pro Ala Ala
1 5

<210> 25714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25714
Asp Lys Leu Cys Cys Ser Ile Leu Tyr
1 5

<210> 25715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25715
Trp Pro Ala Ala Gly Pro Gln Ala Ser
1 5

<210> 25716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25716
Trp Pro Asp Lys Leu Cys Cys Ser Ile
1 5

<210> 25717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25717
Ser Leu Arg Ser Val Cys Thr Arg Thr Ala
1 5 10

<210> 25718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25718
Arg Met Ile Val Arg Val Thr Asn Arg Tyr
1 5 10

<210> 25719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25719
Lys Ile Trp Cys Glu Gly Trp Pro Asp Lys
1 5 10

<210> 25720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25720
His Leu Ser Asp Cys Leu Cys Pro Tyr Arg
1 5 10

<210> 25721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25721
Ile Trp Cys Glu Gly Trp Pro Asp Lys Leu
1 5 10

<210> 25722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25722
Ile Val Arg Val Thr Asn Arg Tyr His Leu
1 5 10

<210> 25723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25723
Arg Ser Val Cys Thr Arg Thr Ala Lys Ile
1 5 10

<210> 25724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25724
Tyr His Leu Ser Asp Cys Leu Cys Pro Tyr
1 5 10

<210> 25725
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25725
Cys Pro Tyr Arg Gly Gly Tyr Asp Ser Leu
1 5 10

<210> 25726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25726
Trp Pro Asp Lys Leu Cys Cys Ser Ile Leu

1 5 10

<210> 25727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25727
Arg Thr Ala Lys Ile Trp Cys Glu Gly Trp
1 5 10

<210> 25728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25728
Cys Val Ile Ala Thr Ser Thr Lys Ile
1 5

<210> 25729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25729
Arg Thr His Gln Lys Cys Val Ile Ala
1 5

<210> 25730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25730
Lys Cys Val Ile Ala Thr Ser Thr Lys
1 5

<210> 25731

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25731
His Gln Lys Cys Val Ile Ala Thr Ser
1 5

<210> 25732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25732
Arg Thr His Gln Lys Cys Val Ile Ala Thr
1 5 10

<210> 25733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25733
His Gln Lys Cys Val Ile Ala Thr Ser Thr
1 5 10

<210> 25734
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25734
Ala Ile Ile Phe Ser Glu Ser Phe Ala
1 5

<210> 25735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25735
Asn Ala Ile Ile Phe Ser Glu Ser Phe
1 5

<210> 25736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25736
Phe Ser Glu Ser Phe Ala Asp Val Leu
1 5

<210> 25737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25737
Ile Ile Phe Ser Glu Ser Phe Ala Asp Val
1 5 10

<210> 25738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25738
Ile Phe Ser Glu Ser Phe Ala Asp Val Leu
1 5 10

<210> 25739
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25739
Asn Ala Ile Ile Phe Ser Glu Ser Phe Ala
1 5 10

<210> 25740
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25740
Lys Asn Ala Ile Ile Phe Ser Glu Ser Phe
1 5 10

<210> 25741
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25741
Arg Leu Ile Pro Ala Pro Gly Gly Thr
1 5

<210> 25742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25742
Leu Val Arg Leu Ile Pro Ala Pro Gly
1 5

<210> 25743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25743
Ile Pro Ala Pro Gly Gly Thr Gly Ile
1 5

<210> 25744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25744
Leu Ile Pro Ala Pro Gly Gly Thr Gly Ile
1 5 10

<210> 25745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25745
Ile Pro Ala Pro Gly Gly Thr Gly Ile Val
1 5 10

<210> 25746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25746
Val Leu Ala Leu Lys His Leu His Lys
1 5

<210> 25747
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25747
Leu Ala Leu Lys His Leu His Lys Leu
1 5

<210> 25748
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25748
Leu Lys His Leu His Lys Leu Gly Ile
1 5

<210> 25749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25749
Val Leu Ala Leu Lys His Leu His Lys Leu
1 5 10

<210> 25750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25750
Ala Leu Lys His Leu His Lys Leu Gly Ile
1 5 10

<210> 25751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25751
Ile Val Leu Ala Leu Lys His Leu His Lys
1 5 10

<210> 25752
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25752
Tyr Val Gly Glu Ile Val Leu Ala Leu Lys
1 5 10

<210> 25753
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25753
Lys His Leu His Lys Leu Gly Ile Ile Tyr
1 5 10

<210> 25754
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25754
Gly Glu Ile Val Leu Ala Leu Lys His Leu
1 5 10

<210> 25755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25755
Leu Lys His Leu His Lys Leu Gly Ile Ile
1 5 10

<210> 25756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25756
Glu Asn Ala Ala Gln Phe Gly Glu Val
1 5

<210> 25757
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25757
Gln Ile Asn Glu Asn Ala Ala Gln Phe
1 5

<210> 25758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25758
Val Gln Ile Asn Glu Asn Ala Ala Gln
1 5

<210> 25759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25759
Val Gln Ile Asn Glu Asn Ala Ala Gln Phe
1 5 10

<210> 25760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25760
Glu Asn Ala Ala Gln Phe Gly Glu Val Tyr
1 5 10

<210> 25761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25761
Asn Glu Asn Ala Ala Gln Phe Gly Glu Val
1 5 10

<210> 25762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25762
Leu Pro Ile Val Gln Ile Asn Glu Asn Ala
1 5 10

<210> 25763
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25763
Ile Leu Val Glu Val Asn His His Leu
1 5

<210> 25764
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25764
Leu Leu Ser Asn Cys Thr Met Pro Phe
1 5

<210> 25765
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25765
Leu Ser Asn Cys Thr Met Pro Phe Arg
1 5

<210> 25766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25766
His His Leu Leu Ser Asn Cys Thr Met
1 5

<210> 25767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25767
Ile Leu Val Glu Val Asn His His Leu Leu
1 5 10

<210> 25768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25768
Leu Leu Ser Asn Cys Thr Met Pro Phe Arg
1 5 10

<210> 25769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25769
Ser Asn Cys Thr Met Pro Phe Arg Leu Lys
1 5 10

<210> 25770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25770
His Leu Leu Ser Asn Cys Thr Met Pro Phe
1 5 10

<210> 25771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25771
Asn His His Leu Leu Ser Asn Cys Thr Met
1 5 10

<210> 25772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25772
Phe Thr Asn Glu Ile Gln Ala Ala Phe
1 5

<210> 25773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25773

Thr Pro Gly Thr Phe Thr Asn Glu Ile
1 5

<210> 25774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25774
Phe Thr Pro Gly Thr Phe Thr Asn Glu Ile
1 5 10

<210> 25775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25775
Thr Phe Thr Asn Glu Ile Gln Ala Ala Phe
1 5 10

<210> 25776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25776
Glu Ile Gln Ala Ala Phe Trp Glu Pro Arg
1 5 10

<210> 25777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25777
Asn Glu Ile Gln Ala Ala Phe Trp Glu Pro
1 5 10

<210> 25778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25778
Phe Thr Asn Glu Ile Gln Ala Ala Phe Trp
1 5 10

<210> 25779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25779
Ser Ser His Tyr Ser Gln Pro Asn Arg
1 5

<210> 25780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25780
Thr Asn Arg Gln Gly Gln Ser Ser His Tyr
1 5 10

<210> 25781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25781
Gly Gln Ser Ser His Tyr Ser Gln Pro Asn
1 5 10

<210> 25782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25782
Gly Gln Ser Ser His Tyr Ser Gln Ile
1 5

<210> 25783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25783
Ser Ser His Tyr Ser Gln Ile Asp Arg
1 5

<210> 25784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25784
Ser Gln Ile Asp Arg Gln Gly Gln Ser Ser
1 5 10

<210> 25785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25785
Ile Asp Arg Gln Gly Gln Ser Ser His Tyr
1 5 10

<210> 25786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25786
Ser Gln Thr Asp Arg Gln Asp Gln Ser Tyr
1 5 10

<210> 25787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25787
Lys Glu Lys Arg Phe Leu Gly Arg Ile
1 5

<210> 25788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25788
Lys Glu Lys Arg Phe Leu Gly Arg Ile Val
1 5 10

<210> 25789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25789
Gly Val His Lys Gly Arg Lys Pro Phe
1 5

<210> 25790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25790
Cys Gly Arg Gly Leu Gly Gly Val His Lys

1 5 10

<210> 25791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25791
Met Ala Ala Pro Leu Leu His Thr Cys
1 5

<210> 25792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25792
Leu Leu His Thr Cys Leu Pro Gly Asp Ala
1 5 10

<210> 25793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25793
Met Ala Ala Pro Leu Leu His Thr Cys Leu
1 5 10

<210> 25794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25794
His Thr Cys Leu Pro Gly Asp Ala Ala Ala
1 5 10

<210> 25795

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25795
His Thr Arg Leu Ser Gly Asp Ala Ala
1 5

<210> 25796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25796
Leu Leu His Thr Arg Leu Ser Gly Asp Ala
1 5 10

<210> 25797
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25797
His Thr Arg Leu Ser Gly Asp Ala Ala Ala
1 5 10

<210> 25798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25798
Ser Lys Lys Asp Phe Ile Ser Val Phe
1 5

<210> 25799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25799
Val Ser Lys Lys Asp Phe Ile Ser Val Phe
1 5 10

<210> 25800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25800
Lys Asp Phe Ile Ser Val Phe Arg Gly Met
1 5 10

<210> 25801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25801
Gly Ser Cys Pro Arg Ser Ala Trp Lys
1 5

<210> 25802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25802
Ser Thr Ser Cys Gly Ser Cys Pro Arg
1 5

<210> 25803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25803
Arg Arg Arg Pro Ser Tyr Arg Pro Trp
1 5

<210> 25804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25804
Ser Tyr Arg Pro Trp Arg Gly Thr Thr
1 5

<210> 25805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25805
Leu Leu Ala Ser Asp Arg Asn Pro Arg
1 5

<210> 25806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25806
Ala Pro Asp Pro Arg Arg Arg Pro Ser
1 5

<210> 25807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25807
Cys Gly Ser Cys Pro Arg Ser Ala Trp
1 5

<210> 25808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25808
Ser Ser Thr Ser Cys Gly Ser Cys Pro Arg
1 5 10

<210> 25809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25809
Cys Gly Ser Cys Pro Arg Ser Ala Trp Lys
1 5 10

<210> 25810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25810
Gly Ser Cys Pro Arg Ser Ala Trp Lys Arg
1 5 10

<210> 25811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25811
Arg Arg Arg Pro Ser Tyr Arg Pro Trp Arg
1 5 10

<210> 25812
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25812
Ser Tyr Arg Pro Trp Arg Gly Thr Thr Arg
1 5 10

<210> 25813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25813
Asn Leu Leu Ala Ser Asp Arg Asn Pro Arg
1 5 10

<210> 25814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25814
Ala Pro Asp Pro Arg Arg Arg Pro Ser Tyr
1 5 10

<210> 25815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25815
Arg Pro Ser Tyr Arg Pro Trp Arg Gly Thr
1 5 10

<210> 25816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25816
Arg Pro Trp Arg Gly Thr Thr Arg Asn Cys
1 5 10

<210> 25817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25817
Arg Thr Ser Glu Pro Arg Lys Val Leu
1 5

<210> 25818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25818
Arg Thr Ser Glu Pro Arg Lys Val Leu Phe
1 5 10

<210> 25819
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25819
Leu Pro Arg Thr Ser Glu Pro Arg Lys Val
1 5 10

<210> 25820
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25820
Gln Ala Lys Ile Pro Leu Lys Asn Glu Lys
1 5 10

<210> 25821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25821
Ala Lys Ile Pro Leu Lys Asn Glu Lys Leu
1 5 10

<210> 25822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25822
Gln Gly Asn Arg Trp Arg Cys Ser Lys
1 5

<210> 25823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25823
Arg Trp Arg Cys Ser Lys Arg Ala Ser
1 5

<210> 25824
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25824
Arg Cys Ser Lys Arg Ala Ser Tyr Val
1 5

<210> 25825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25825
Trp Arg Cys Ser Lys Arg Ala Ser Tyr
1 5

<210> 25826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25826
Cys Gln Gly Asn Arg Trp Arg Cys Ser Lys
1 5 10

<210> 25827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25827
Arg Trp Arg Cys Ser Lys Arg Ala Ser Tyr
1 5 10

<210> 25828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25828
Gln Gly Asn Arg Trp Arg Cys Ser Lys Arg
1 5 10

<210> 25829
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25829
Glu Gly Trp Cys Tyr Thr Ser Leu Ile
1 5

<210> 25830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25830
Gly Glu Gly Trp Cys Tyr Thr Ser Leu
1 5

<210> 25831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25831
Thr Ser Lys Asp Gly Glu Gly Trp Cys Tyr
1 5 10

<210> 25832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25832
Gly Glu Gly Trp Cys Tyr Thr Ser Leu Ile
1 5 10

<210> 25833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25833
Val Gln Arg Gly Pro Thr Pro Leu Leu
1 5

<210> 25834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25834
Pro Leu Leu Leu Ser Ser Gly Phe Tyr
1 5

<210> 25835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25835
Trp Val Gln Arg Gly Pro Thr Pro Leu
1 5

<210> 25836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25836
Thr Pro Leu Leu Leu Ser Ser Gly Phe
1 5

<210> 25837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25837

Val Gln Arg Gly Pro Thr Pro Leu Leu Leu
1 5 10

<210> 25838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25838
Gly Trp Val Gln Arg Gly Pro Thr Pro Leu
1 5 10

<210> 25839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25839
Thr Pro Leu Leu Leu Ser Ser Gly Phe Tyr
1 5 10

<210> 25840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25840
Val Val Ala Leu Gly Gly Cys Ser Arg
1 5

<210> 25841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25841
Val Ala Leu Gly Gly Cys Ser Arg Trp
1 5

<210> 25842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25842
Lys Val Val Ala Leu Gly Gly Cys Ser Arg
1 5 10

<210> 25843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25843
Arg Trp His Ser Gly His Cys Asp Gly Trp
1 5 10

<210> 25844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25844
Leu Gly Phe Val Gly Arg Ser Gly Arg
1 5

<210> 25845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25845
Val Ala Arg Phe Asn Asp Leu Gly Phe
1 5

<210> 25846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25846
Val Ala Arg Phe Asn Asp Leu Gly Phe Val
1 5 10

<210> 25847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25847
Arg Phe Asn Asp Leu Gly Phe Val Gly Arg
1 5 10

<210> 25848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25848
Asp Leu Gly Phe Val Gly Arg Ser Gly Arg
1 5 10

<210> 25849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25849
Gln Val Ala Arg Phe Asn Asp Leu Gly Phe
1 5 10

<210> 25850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25850
Lys Leu His Ser Asp His His Cys Leu
1 5

<210> 25851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25851
Cys Leu His Lys Pro Thr Ala Ser Arg
1 5

<210> 25852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25852
His Ser Asp His His Cys Leu His Lys
1 5

<210> 25853
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25853
Ser Gly Trp Ala Pro Arg Thr Ser Lys
1 5

<210> 25854
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25854
Val Gly Arg Ser Gly Lys Arg Glu Lys

1 5

<210> 25855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25855
Ala Ser Arg His Leu Pro Gln Ser His
1 5

<210> 25856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25856
Arg Thr Ser Lys Thr Ser Ala Glu Thr
1 5

<210> 25857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25857
Arg Phe Val Gly Arg Ser Gly Lys Arg
1 5

<210> 25858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25858
Gln Asn His Ser Gly Trp Ala Pro Arg
1 5

<210> 25859

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25859
Ala Pro Arg Thr Ser Lys Thr Ser Ala
1 5

<210> 25860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25860
Gln Ser His Gln Asn His Ser Gly Trp
1 5

<210> 25861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25861
His Gln Asn His Ser Gly Trp Ala Pro
1 5

<210> 25862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25862
His Ser Gly Trp Ala Pro Arg Thr Ser Lys
1 5 10

<210> 25863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25863
Arg Thr Ser Lys Thr Ser Ala Glu Thr Arg
1 5 10

<210> 25864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25864
Lys Leu His Ser Asp His His Cys Leu His
1 5 10

<210> 25865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25865
His Gln Asn His Ser Gly Trp Ala Pro Arg
1 5 10

<210> 25866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25866
His Cys Leu His Lys Pro Thr Ala Ser Arg
1 5 10

<210> 25867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25867
Leu His Lys Pro Thr Ala Ser Arg His Leu
1 5 10

<210> 25868
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25868
Ala Ile Thr Asp Val Pro Met Arg Ile
1 5

<210> 25869
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25869
Leu Pro Ala Ile Thr Asp Val Pro Met
1 5

<210> 25870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25870
Gly Leu Pro Ala Ile Thr Asp Val Pro Met
1 5 10

<210> 25871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25871
Arg Ser His Ser Arg Met Leu Pro Pro
1 5

<210> 25872
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25872
His Ser Arg Met Leu Pro Pro Cys Thr
1 5

<210> 25873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25873
Arg Ser His Ser Arg Met Leu Pro Pro Cys
1 5 10

<210> 25874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25874
His Ser Arg Met Leu Pro Pro Cys Thr Thr
1 5 10

<210> 25875
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25875
Gln Gln Gln Gln Glu Glu Ala Ala Ala
1 5

<210> 25876
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25876
Gln Gln Gln Glu Glu Ala Ala Ala Ala
1 5

<210> 25877
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25877
Gln Gln Glu Glu Ala Ala Ala Ala Ala
1 5

<210> 25878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25878
Gln Gln Gln Gln Glu Glu Ala Ala Ala Ala
1 5 10

<210> 25879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25879
Gln Gln Gln Glu Glu Ala Ala Ala Ala Ala
1 5 10

<210> 25880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25880
Gln Gln Glu Glu Ala Ala Ala Ala Ala Ala
1 5 10

<210> 25881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25881
Gln Glu Glu Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> 25882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25882
Ala Met Ile Ala Ala Cys Ser Ala Ala
1 5

<210> 25883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25883
Met Ile Ala Ala Cys Ser Ala Ala Leu
1 5

<210> 25884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25884
Ala Ala Leu Leu Ser Ala Trp Ala Arg
1 5

<210> 25885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25885
Ala Leu Leu Ser Ala Trp Ala Arg Trp
1 5

<210> 25886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25886
Asn Thr Ser Pro Pro Thr Ser Ala Leu
1 5

<210> 25887
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25887
Ser Ala Leu Asp Val Ser Ala Pro Ala
1 5

<210> 25888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25888
Asp Val Ser Ala Pro Ala Ala Met Ile
1 5

<210> 25889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25889
Ser Ala Pro Ala Ala Met Ile Ala Ala
1 5

<210> 25890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25890
Ile Ala Ala Cys Ser Ala Ala Leu Leu
1 5

<210> 25891
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25891
Ser Ala Ala Leu Leu Ser Ala Trp Ala
1 5

<210> 25892
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25892
Leu Ser Ala Trp Ala Arg Trp Asn Val
1 5

<210> 25893
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25893
Ala Pro Ala Ala Met Ile Ala Ala Cys
1 5

<210> 25894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25894
Leu Asp Val Ser Ala Pro Ala Ala Met
1 5

<210> 25895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25895
Cys Ser Ala Ala Leu Leu Ser Ala Trp
1 5

<210> 25896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25896
Ala Met Ile Ala Ala Cys Ser Ala Ala Leu
1 5 10

<210> 25897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25897
Met Ile Ala Ala Cys Ser Ala Ala Leu Leu
1 5 10

<210> 25898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25898
Leu Leu Ser Ala Trp Ala Arg Trp Asn Val
1 5 10

<210> 25899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25899
Ser Ala Ala Leu Leu Ser Ala Trp Ala Arg
1 5 10

<210> 25900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25900
Tyr Thr Asn Thr Ser Pro Pro Thr Ser Ala
1 5 10

<210> 25901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25901

Thr Ser Ala Leu Asp Val Ser Ala Pro Ala
1 5 10

<210> 25902
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25902
Asp Val Ser Ala Pro Ala Ala Met Ile Ala
1 5 10

<210> 25903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25903
Cys Ser Ala Ala Leu Leu Ser Ala Trp Ala
1 5 10

<210> 25904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25904
Ala Leu Asp Val Ser Ala Pro Ala Ala Met
1 5 10

<210> 25905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25905
Ala Ala Met Ile Ala Ala Cys Ser Ala Ala
1 5 10

<210> 25906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25906
Ala Cys Ser Ala Ala Leu Leu Ser Ala Trp
1 5 10

<210> 25907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25907
Ala Ala Leu Leu Ser Ala Trp Ala Arg Trp
1 5 10

<210> 25908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25908
His Val Lys Glu Ile Ser Glu Leu Phe
1 5

<210> 25909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25909
Val Lys Glu Ile Ser Glu Leu Phe Tyr
1 5

<210> 25910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25910
Ile Glu Lys Glu His Val Lys Glu Ile
1 5

<210> 25911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25911
His Val Lys Glu Ile Ser Glu Leu Phe Tyr
1 5 10

<210> 25912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25912
Lys Glu His Val Lys Glu Ile Ser Glu Leu
1 5 10

<210> 25913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25913
Lys Glu Ile Ser Glu Leu Phe Tyr Asp Ala
1 5 10

<210> 25914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25914
Val Leu Met Glu Asn Phe Cys Arg Ala
1 5

<210> 25915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25915
Glu Val Leu Met Glu Asn Phe Cys Arg
1 5

<210> 25916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25916
Asn Phe Cys Arg Ala Ile Gly Leu Arg
1 5

<210> 25917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25917
Leu Met Glu Asn Phe Cys Arg Ala Ile
1 5

<210> 25918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25918
Val Leu Met Glu Asn Phe Cys Arg Ala Ile

1 5 10

<210> 25919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25919
Asn Phe Cys Arg Ala Ile Gly Leu Arg Ile
1 5 10

<210> 25920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25920
Phe Cys Arg Ala Ile Gly Leu Arg Ile Lys
1 5 10

<210> 25921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25921
Glu Asn Phe Cys Arg Ala Ile Gly Leu Arg
1 5 10

<210> 25922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25922
Glu Val Leu Met Glu Asn Phe Cys Arg Ala
1 5 10

<210> 25923

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25923
Met Glu Asn Phe Cys Arg Ala Ile Gly Leu
1 5 10

<210> 25924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25924
Ile Leu Ile His His Arg Glu Asp Ile
1 5

<210> 25925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25925
Ile His His Arg Glu Asp Ile Pro Phe
1 5

<210> 25926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25926
Lys Leu Asn Trp Lys Arg Ile Leu Ile His
1 5 10

<210> 25927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25927
Arg Ile Leu Ile His His Arg Glu Asp Ile
1 5 10

<210> 25928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25928
Asn Trp Lys Arg Ile Leu Ile His His Arg
1 5 10

<210> 25929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25929
Leu Ile His His Arg Glu Asp Ile Pro Phe
1 5 10

<210> 25930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25930
Gly Leu Asn Tyr Leu Ile Leu Leu Val
1 5

<210> 25931
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25931
Thr Phe Tyr Gly Leu Asn Tyr Leu Ile
1 5

<210> 25932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25932
Phe Tyr Gly Leu Asn Tyr Leu Ile Leu
1 5

<210> 25933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25933
Tyr Gly Leu Asn Tyr Leu Ile Leu Leu
1 5

<210> 25934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25934
Asn Tyr Leu Ile Leu Leu Val Leu Met
1 5

<210> 25935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25935
Leu Asn Tyr Leu Ile Leu Leu Val Leu
1 5

<210> 25936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25936
Tyr Gly Leu Asn Tyr Leu Ile Leu Leu Val
1 5 10

<210> 25937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25937
Gly Leu Asn Tyr Leu Ile Leu Leu Val Leu
1 5 10

<210> 25938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25938
Thr Phe Tyr Gly Leu Asn Tyr Leu Ile Leu
1 5 10

<210> 25939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25939
Phe Tyr Gly Leu Asn Tyr Leu Ile Leu Leu
1 5 10

<210> 25940
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25940
Leu Asn Tyr Leu Ile Leu Leu Val Leu Met
1 5 10

<210> 25941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25941
Ser Pro Pro Thr Phe Tyr Gly Leu Asn Tyr
1 5 10

<210> 25942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25942
Leu Leu Arg Leu Pro Ala Leu Arg Tyr
1 5

<210> 25943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25943
Leu Pro Ala Leu Arg Tyr Ile Gly Leu
1 5

<210> 25944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25944
Leu Arg Tyr Ile Gly Leu Lys Cys Leu
1 5

<210> 25945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25945
Arg Leu Pro Ala Leu Arg Tyr Ile Gly Leu
1 5 10

<210> 25946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25946
Leu Leu Arg Leu Pro Ala Leu Arg Tyr Ile
1 5 10

<210> 25947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25947
Ala Leu Arg Tyr Ile Gly Leu Lys Cys Leu
1 5 10

<210> 25948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25948
Tyr Ile Gly Leu Lys Cys Leu Glu His Leu
1 5 10

<210> 25949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25949
Leu Leu Leu Arg Leu Pro Ala Leu Arg Tyr
1 5 10

<210> 25950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25950
Leu Pro Ala Leu Arg Phe Ile Gly Leu
1 5

<210> 25951
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25951
Leu Leu Arg Leu Pro Ala Leu Arg Phe
1 5

<210> 25952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25952
Leu Arg Phe Ile Gly Leu Lys Cys Leu
1 5

<210> 25953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25953
Arg Leu Pro Ala Leu Arg Phe Ile Gly Leu
1 5 10

<210> 25954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25954
Phe Ile Gly Leu Lys Cys Leu Glu His Leu
1 5 10

<210> 25955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25955
Leu Leu Arg Leu Pro Ala Leu Arg Phe Ile
1 5 10

<210> 25956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25956
Leu Leu Leu Arg Leu Pro Ala Leu Arg Phe
1 5 10

<210> 25957
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25957
Met Val Tyr Glu Val Thr Pro Phe Leu
1 5

<210> 25958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25958
Lys Trp Tyr Phe Glu Val Met Val Tyr
1 5

<210> 25959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25959
Val Met Val Tyr Glu Val Thr Pro Phe
1 5

<210> 25960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25960
Tyr Glu Val Thr Pro Phe Leu Thr Ala
1 5

<210> 25961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25961
Phe Glu Val Met Val Tyr Glu Val Thr
1 5

<210> 25962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25962
Trp Tyr Phe Glu Val Met Val Tyr Glu Val
1 5 10

<210> 25963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25963
Val Met Val Tyr Glu Val Thr Pro Phe Leu
1 5 10

<210> 25964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25964
Met Val Tyr Glu Val Thr Pro Phe Leu Thr
1 5 10

<210> 25965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25965

Glu Val Met Val Tyr Glu Val Thr Pro Phe
1 5 10

<210> 25966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25966
Ser Lys Trp Tyr Phe Glu Val Met Val Tyr
1 5 10

<210> 25967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25967
Tyr Glu Val Thr Pro Phe Leu Thr Ala Gln
1 5 10

<210> 25968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25968
Phe Glu Val Met Val Tyr Glu Val Thr Pro
1 5 10

<210> 25969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25969
Arg Thr Ile Met Val Asp Ser Met Leu
1 5

<210> 25970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25970
His Arg Thr Ile Met Val Asp Ser Met
1 5

<210> 25971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25971
Arg Thr Ile Met Val Asp Ser Met Leu His
1 5 10

<210> 25972
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25972
Leu Phe Ala Gly Thr Glu His Arg Thr Ile
1 5 10

<210> 25973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25973
Phe Ala Gly Thr Glu His Arg Thr Ile Met
1 5 10

<210> 25974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25974
Lys Val Ala Glu Leu Leu Ala Asn Ile
1 5

<210> 25975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25975
Leu Leu Ala Asn Ile Pro Asp Pro Thr
1 5

<210> 25976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25976
Ile Pro Asp Pro Thr Gln Asp Glu Val
1 5

<210> 25977
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25977
Asn Ile Pro Asp Pro Thr Gln Asp Glu Val
1 5 10

<210> 25978
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 25978
Ile Lys Val Ala Glu Leu Leu Ala Asn Ile
1 5 10

<210> 25979
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25979
Ala Glu Leu Leu Ala Asn Ile Pro Asp Pro
1 5 10

<210> 25980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25980
Lys Glu Trp Gly Gly Asn Gly Val Gly
1 5

<210> 25981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25981
Ser Pro Tyr Pro Gly Gly Gly Lys Glu Trp
1 5 10

<210> 25982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25982
Gly Ser Leu Asp Gly Asn Ser Asp Phe

1 5

<210> 25983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25983
Ser Leu Asp Gly Asn Ser Asp Phe Thr Ile
1 5 10

<210> 25984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25984
Phe Thr Ile Arg Gly Arg Leu Leu Ser Leu
1 5 10

<210> 25985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25985
Leu Ile His Ala Gly Asn Gly Glu Ala
1 5

<210> 25986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25986
Ile His Ala Gly Asn Gly Glu Ala Ile
1 5

<210> 25987

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25987
His Leu Ile His Ala Gly Asn Gly Glu Ala
1 5 10

<210> 25988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25988
Leu Ile His Ala Gly Asn Gly Glu Ala Ile
1 5 10

<210> 25989
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25989
Arg Phe Ser Thr Thr Cys Phe Val Val
1 5

<210> 25990
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25990
Gly Phe Arg Phe Ser Thr Thr Cys Phe
1 5

<210> 25991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25991
Phe Arg Phe Ser Thr Thr Cys Phe Val
1 5

<210> 25992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25992
Gly Phe Arg Phe Ser Thr Thr Cys Phe Val
1 5 10

<210> 25993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25993
Pro Gly Phe Arg Phe Ser Thr Thr Cys Phe
1 5 10

<210> 25994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25994
Phe Arg Phe Ser Thr Thr Cys Phe Val Val
1 5 10

<210> 25995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 25995
Arg Glu Asn Glu Lys Leu Gln Ser Val
1 5

<210> 25996
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25996
Arg Glu Asn Glu Lys Leu Gln Ser Val Ser
1 5 10

<210> 25997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25997
Asn Glu Lys Leu Gln Ser Val Ser Gln Ala
1 5 10

<210> 25998
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25998
Gln Ser Asp Trp Asn Asn Ser Leu Met
1 5

<210> 25999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 25999
Val Gln Ser Asp Trp Asn Asn Ser Leu
1 5

<210> 26000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26000
Val Gln Ser Asp Trp Asn Asn Ser Leu Met
1 5 10

<210> 26001
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26001
Asp Ser Arg Asp Gly Trp Gly Ala Met
1 5

<210> 26002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26002
Arg Asp Gly Trp Gly Ala Met Ala Leu
1 5

<210> 26003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26003
Asp Gly Trp Gly Ala Met Ala Leu Thr Arg
1 5 10

<210> 26004
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26004
Arg Asp Ser Arg Asp Gly Trp Gly Ala Met
1 5 10

<210> 26005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26005
Ser Arg Asp Gly Trp Gly Ala Met Ala Leu
1 5 10

<210> 26006
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26006
Asp Ser Arg Asp Gly Trp Val Gly Tyr
1 5

<210> 26007
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26007
Val Gly Tyr Gly Ser Asp Lys Arg Met
1 5

<210> 26008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26008
Arg Asp Ser Arg Asp Gly Trp Val Gly Tyr
1 5 10

<210> 26009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26009
Thr Leu Arg Pro Arg Cys Ile Asn Met
1 5

<210> 26010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26010
Arg Pro Arg Cys Ile Asn Met Thr Asp Thr
1 5 10

<210> 26011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26011
Arg Cys Ile Asn Met Thr Asp Thr Gly Ile
1 5 10

<210> 26012
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26012
Leu Tyr Ser Thr Val Pro Gln Asn Val
1 5

<210> 26013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26013
Gly Leu Tyr Ser Thr Val Pro Gln Asn Val
1 5 10

<210> 26014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26014
Ser Leu Leu Gly Gly Pro Pro Val Thr
1 5

<210> 26015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26015
Leu Leu Gly Gly Pro Pro Val Thr Lys
1 5

<210> 26016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26016
Leu Leu Gly Gly Pro Pro Val Thr Lys Ala
1 5 10

<210> 26017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26017
Ser Leu Leu Gly Gly Pro Pro Val Thr Lys
1 5 10

<210> 26018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26018
Phe Leu Pro Ser Arg Phe Pro Trp Gly
1 5

<210> 26019
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26019
Gly Phe Leu Pro Ser Arg Phe Pro Trp
1 5

<210> 26020
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26020
Arg Phe Pro Trp Gly Pro Pro Pro Leu
1 5

<210> 26021
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26021
Ile Ser Val Ile Gln Ser Gly Gly Phe
1 5

<210> 26022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26022
Ile Gln Ser Gly Gly Phe Leu Pro Ser
1 5

<210> 26023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26023
Ser Gly Gly Phe Leu Pro Ser Arg Phe
1 5

<210> 26024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26024
Ser Arg Phe Pro Trp Gly Pro Pro Pro
1 5

<210> 26025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26025
Phe Leu Pro Ser Arg Phe Pro Trp Gly Pro
1 5 10

<210> 26026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26026
Gln Ser Gly Gly Phe Leu Pro Ser Arg Phe
1 5 10

<210> 26027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26027
Gly Gly Phe Leu Pro Ser Arg Phe Pro Trp
1 5 10

<210> 26028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26028
Ser Arg Phe Pro Trp Gly Pro Pro Pro Leu
1 5 10

<210> 26029
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26029

Ala Leu Leu Gly Thr Lys Val Ala Val
1 5

<210> 26030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26030
Leu Gln Ala Leu Leu Gly Thr Lys Val
1 5

<210> 26031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26031
Thr Leu Gln Ala Leu Leu Gly Thr Lys
1 5

<210> 26032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26032
Thr Leu Gln Ala Leu Leu Gly Thr Lys Val
1 5 10

<210> 26033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26033
Val Thr Leu Gln Ala Leu Leu Gly Thr Lys
1 5 10

<210> 26034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26034
Asn Thr Asn Val Thr Leu Gln Ala Leu Leu
1 5 10

<210> 26035
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26035
Leu Gln Ala Leu Leu Gly Thr Lys Val Ala
1 5 10

<210> 26036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26036
Ala Leu Leu His Ala His Pro Phe Leu
1 5

<210> 26037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26037
Asn Ala Leu Leu His Ala His Pro Phe
1 5

<210> 26038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26038
Val Asn Ala Leu Leu His Ala His Pro Phe
1 5 10

<210> 26039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26039
Ser Gln Phe Thr Trp Val Met Gly Lys
1 5

<210> 26040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26040
Asp Ile Pro Ser Gln Phe Thr Trp Val
1 5

<210> 26041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26041
Ile Pro Ser Gln Phe Thr Trp Val Met
1 5

<210> 26042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26042
Gly Asp Ile Pro Ser Gln Phe Thr Trp
1 5

<210> 26043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26043
Ser Gln Phe Thr Trp Val Met Gly Lys Val
1 5 10

<210> 26044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26044
Trp Val Met Gly Lys Val Cys Thr Gln Leu
1 5 10

<210> 26045
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26045
Pro Ser Gln Phe Thr Trp Val Met Gly Lys
1 5 10

<210> 26046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26046
Asp Ile Pro Ser Gln Phe Thr Trp Val Met

1 5 10

<210> 26047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26047
Ser Thr Gly Ala Ser Arg Pro Leu Arg
1 5

<210> 26048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26048
Ala Ser Arg Pro Leu Arg Thr Arg Arg
1 5

<210> 26049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26049
Arg Thr Arg Arg Thr Arg Ser Gln Cys
1 5

<210> 26050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26050
Arg Thr Arg Ser Gln Cys Arg Arg Ser
1 5

<210> 26051

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26051
Arg Ser Gln Cys Arg Arg Ser Trp Ser
1 5

<210> 26052
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26052
Val Thr Arg Lys Lys Tyr Asn Pro Pro Ala
1 5 10

<210> 26053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26053
Ala Ser Arg Pro Leu Arg Thr Arg Arg Thr
1 5 10

<210> 26054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26054
Arg Thr Arg Arg Thr Arg Ser Gln Cys Arg
1 5 10

<210> 26055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26055
Arg Thr Arg Ser Gln Cys Arg Arg Ser Trp
1 5 10

<210> 26056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26056
Arg Ser Gln Cys Arg Arg Ser Trp Ser Pro
1 5 10

<210> 26057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26057
Gln Cys Arg Arg Ser Trp Ser Pro Ala Arg
1 5 10

<210> 26058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26058
Arg Pro Leu Arg Thr Arg Arg Thr Arg Ser
1 5 10

<210> 26059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26059
Lys Lys Tyr Asn Pro Pro Ala Gly Ser Thr
1 5 10

<210> 26060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26060
Ser Gln Cys Arg Arg Ser Trp Ser Pro Ala
1 5 10

<210> 26061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26061
Ala Val Val Gln Asn Ala Lys Lys Lys
1 5

<210> 26062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26062
Val Gln Asn Ala Lys Lys Lys Trp Lys
1 5

<210> 26063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26063
Val Val Gln Asn Ala Lys Lys Lys Trp Lys
1 5 10

<210> 26064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26064
Gly Gln Asp Cys Trp His Thr Tyr Val
1 5

<210> 26065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26065
Cys Trp His Thr Tyr Val Pro Ala Phe
1 5

<210> 26066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26066
Gln Gly Gln Asp Cys Trp His Thr Tyr
1 5

<210> 26067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26067
Cys Trp His Thr Tyr Val Pro Ala Phe Ile
1 5 10

<210> 26068
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26068
Pro Gln Gly Gln Asp Cys Trp His Thr Tyr
1 5 10

<210> 26069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26069
Tyr Ser Thr Pro Gln Gly Gln Asp Cys Trp
1 5 10

<210> 26070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26070
Ser Pro Ser Pro Pro Pro Thr Pro Thr
1 5

<210> 26071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26071
Thr Pro Ser Pro Thr Cys Pro Pro Ile
1 5

<210> 26072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26072
Ser Pro Thr Cys Pro Pro Ile Arg Tyr
1 5

<210> 26073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26073
Cys Thr Pro Ser Pro Thr Cys Pro Pro Ile
1 5 10

<210> 26074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26074
Ser Pro Ser Pro Pro Pro Thr Pro Thr Ala
1 5 10

<210> 26075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26075
Ser Pro Thr Cys Pro Pro Ile Arg Tyr Leu
1 5 10

<210> 26076
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26076
Arg Glu Arg Lys Glu Asn Gln Lys Val
1 5

<210> 26077
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26077
Arg Glu Arg Lys Glu Asn Gln Lys Val Val
1 5 10

<210> 26078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26078
Ser Leu Val Ile Pro Gly Cys Ser Val
1 5

<210> 26079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26079
Leu Val Ile Pro Gly Cys Ser Val Ala
1 5

<210> 26080
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26080
Ser Leu Val Ile Pro Gly Cys Ser Val Ala
1 5 10

<210> 26081
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26081
Ile Pro Gly Cys Ser Val Ala Ser Asn Leu
1 5 10

<210> 26082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26082
Val Gln Thr Ser Glu Ile Ser Ala Val
1 5

<210> 26083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26083
Tyr Val Gln Thr Ser Glu Ile Ser Ala Val
1 5 10

<210> 26084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26084
Gln Thr Ser Glu Ile Ser Ala Val His Ile
1 5 10

<210> 26085
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26085
Arg Asp Asn Tyr Val Gln Thr Ser Glu Ile
1 5 10

<210> 26086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26086
Val Gln Thr Ser Glu Ile Ser Ala Val His
1 5 10

<210> 26087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26087
Leu Ser Ser Pro Leu Gln Lys Pro Lys
1 5

<210> 26088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26088
Leu Gln Lys Pro Lys Arg Leu Ser Arg
1 5

<210> 26089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26089
Ser Pro Leu Gln Lys Pro Lys Arg Leu
1 5

<210> 26090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26090
Glu Leu Phe Thr Ser Leu Trp Asp Ile
1 5

<210> 26091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26091
Ser Leu Trp Asp Ile Ala Gly Ala Arg
1 5

<210> 26092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26092
Thr Ser Leu Trp Asp Ile Ala Gly Ala
1 5

<210> 26093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26093

Trp Asp Ile Ala Gly Ala Arg Ser Leu
1 5

<210> 26094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26094
Phe Thr Ser Leu Trp Asp Ile Ala Gly Ala
1 5 10

<210> 26095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26095
Glu Leu Phe Thr Ser Leu Trp Asp Ile Ala
1 5 10

<210> 26096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26096
Thr Ser Leu Trp Asp Ile Ala Gly Ala Arg
1 5 10

<210> 26097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26097
Trp Asp Ile Ala Gly Ala Arg Ser Leu Leu
1 5 10

<210> 26098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26098
Asp Glu Leu Phe Thr Ser Leu Trp Asp Ile
1 5 10

<210> 26099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26099
Lys Asn Trp Arg Pro Phe Pro Trp Ala
1 5

<210> 26100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26100
Ala Val Glu Lys Asn Trp Arg Pro Phe
1 5

<210> 26101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26101
Glu Lys Asn Trp Arg Pro Phe Pro Trp
1 5

<210> 26102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26102
Asn Trp Arg Pro Phe Pro Trp Ala Gln Arg
1 5 10

<210> 26103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26103
Val Glu Lys Asn Trp Arg Pro Phe Pro Trp
1 5 10

<210> 26104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26104
Asp Ala Val Glu Lys Asn Trp Arg Pro Phe
1 5 10

<210> 26105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26105
Phe Leu Ala Lys Leu Cys Gln Ser Leu
1 5

<210> 26106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26106
Phe Leu Ala Lys Leu Cys Gln Ser Leu Leu
1 5 10

<210> 26107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26107
Arg Phe Leu Ala Lys Leu Cys Gln Ser Leu
1 5 10

<210> 26108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26108
Cys Gln Ser Leu Leu Cys Asp Asp Leu Phe
1 5 10

<210> 26109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26109
Ser Thr Phe Asn His Arg Gly Ser Phe
1 5

<210> 26110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26110
Ser Phe His Pro Ser Ser Ser Leu Tyr

1 5

<210> 26111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26111
Gly Ser Phe His Pro Ser Ser Ser Leu
1 5

<210> 26112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26112
Ser Thr Phe Asn His Arg Gly Ser Phe His
1 5 10

<210> 26113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26113
Gly Ser Phe His Pro Ser Ser Ser Leu Tyr
1 5 10

<210> 26114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26114
Arg Gly Ser Phe His Pro Ser Ser Ser Leu
1 5 10

<210> 26115

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26115
Ala Ser Thr Phe Asn His Arg Gly Ser Phe
1 5 10

<210> 26116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26116
Trp Gln Val His Lys Thr Cys Tyr Arg
1 5

<210> 26117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26117
Trp Gln Val His Lys Thr Cys Tyr Arg Ile
1 5 10

<210> 26118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26118
Val Gly Trp Gln Val His Lys Thr Cys Tyr
1 5 10

<210> 26119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26119
Ser Pro Trp Asp Val Gly Trp Gln Val His
1 5 10

<210> 26120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26120
Ser Leu Gln Ser Tyr Phe Ser Pro Met
1 5

<210> 26121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26121
Leu Gln Ser Tyr Phe Ser Pro Met Leu
1 5

<210> 26122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26122
Tyr Phe Ser Pro Met Leu Phe Arg Val
1 5

<210> 26123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26123
Met Leu Phe Arg Val Ile Arg Leu Ala
1 5

<210> 26124
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26124
Ser Tyr Phe Ser Pro Met Leu Phe Arg
1 5

<210> 26125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26125
Gln Ser Tyr Phe Ser Pro Met Leu Phe
1 5

<210> 26126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26126
Ser Pro Met Leu Phe Arg Val Ile Arg
1 5

<210> 26127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26127
Ser Leu Gln Ser Tyr Phe Ser Pro Met Leu
1 5 10

<210> 26128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26128
Gln Ser Tyr Phe Ser Pro Met Leu Phe Arg
1 5 10

<210> 26129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26129
Met Leu Phe Arg Val Ile Arg Leu Ala Arg
1 5 10

<210> 26130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26130
Leu Gln Ser Tyr Phe Ser Pro Met Leu Phe
1 5 10

<210> 26131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26131
Ser Tyr Phe Ser Pro Met Leu Phe Arg Val
1 5 10

<210> 26132
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26132
Tyr Phe Ser Pro Met Leu Phe Arg Val Ile
1 5 10

<210> 26133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26133
Lys Ser Leu Gln Ser Tyr Phe Ser Pro Met
1 5 10

<210> 26134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26134
Phe Ser Pro Met Leu Phe Arg Val Ile Arg
1 5 10

<210> 26135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26135
Ser Pro Met Leu Phe Arg Val Ile Arg Leu
1 5 10

<210> 26136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26136
Arg Ile Ala Glu Glu Lys Ala Lys Lys
1 5

<210> 26137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26137
Lys Ala Lys Lys Pro Lys Gln Glu Arg
1 5

<210> 26138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26138
Lys Ala Lys Lys Pro Lys Gln Glu Arg Lys
1 5 10

<210> 26139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26139
Thr Met Ser Asn Pro Pro Asp Trp Lys
1 5

<210> 26140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26140
Met Ser Asn Pro Pro Asp Trp Lys Lys
1 5

<210> 26141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26141
Trp Lys Lys Asn Val Glu Tyr Thr Phe
1 5

<210> 26142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26142
Met Thr Met Ser Asn Pro Pro Asp Trp Lys
1 5 10

<210> 26143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26143
Thr Met Ser Asn Pro Pro Asp Trp Lys Lys
1 5 10

<210> 26144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26144
Asp Trp Lys Lys Asn Val Glu Tyr Thr Phe
1 5 10

<210> 26145
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26145
Ile Ile His Met Leu His Leu Gly Lys
1 5

<210> 26146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26146
Met Leu His Leu Gly Lys Gly Pro Lys
1 5

<210> 26147
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26147
Leu Ser Arg Ile Ile His Met Leu His
1 5

<210> 26148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26148
Ser Arg Ile Ile His Met Leu His Leu
1 5

<210> 26149
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26149
His Leu Gly Lys Gly Pro Lys Val Phe
1 5

<210> 26150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26150
Met Leu His Leu Gly Lys Gly Pro Lys Val
1 5 10

<210> 26151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26151
Arg Ile Ile His Met Leu His Leu Gly Lys
1 5 10

<210> 26152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26152
His Met Leu His Leu Gly Lys Gly Pro Lys
1 5 10

<210> 26153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26153
Leu Ser Arg Ile Ile His Met Leu His Leu
1 5 10

<210> 26154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26154
Leu His Leu Gly Lys Gly Pro Lys Val Phe
1 5 10

<210> 26155
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26155
Ile Ile Ala Arg His Gln Trp Gln Lys
1 5

<210> 26156
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26156
Ile Ala Arg His Gln Trp Gln Lys Ala
1 5

<210> 26157
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26157

Asp Phe Phe Ser Ile Ile Ala Arg His
1 5

<210> 26158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26158
Phe Ser Ile Ile Ala Arg His Gln Trp
1 5

<210> 26159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26159
His Gln Trp Gln Lys Ala Lys Glu Trp
1 5

<210> 26160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26160
Ile Ile Ala Arg His Gln Trp Gln Lys Ala
1 5 10

<210> 26161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26161
Ser Ile Ile Ala Arg His Gln Trp Gln Lys
1 5 10

<210> 26162
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26162
Phe Phe Ser Ile Ile Ala Arg His Gln Trp
1 5 10

<210> 26163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26163
Ile Ala Arg His Gln Trp Gln Lys Ala Lys
1 5 10

<210> 26164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26164
His Gln Trp Gln Lys Ala Lys Glu Trp Trp
1 5 10

<210> 26165
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26165
Ile Val Gly Cys Val Ala Leu Ser Val
1 5

<210> 26166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26166
Ala Leu Pro Pro Glu Ile Val Gly Cys
1 5

<210> 26167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26167
Leu Glu Ala Leu Pro Pro Glu Ile Val
1 5

<210> 26168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26168
Pro Glu Ile Val Gly Cys Val Ala Leu
1 5

<210> 26169
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26169
Leu Pro Pro Glu Ile Val Gly Cys Val
1 5

<210> 26170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26170
Ala Leu Pro Pro Glu Ile Val Gly Cys Val
1 5 10

<210> 26171
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26171
Glu Ile Val Gly Cys Val Ala Leu Ser Val
1 5 10

<210> 26172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26172
Leu Pro Pro Glu Ile Val Gly Cys Val Ala
1 5 10

<210> 26173
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26173
Arg Arg Lys Ala Ser Asn Ala Gly Ala
1 5

<210> 26174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26174
Lys Ala Ser Asn Ala Gly Ala Ala Ala

1 5

<210> 26175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26175
Arg Lys Ala Ser Asn Ala Gly Ala Ala
1 5

<210> 26176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26176
Lys Ala Ser Asn Ala Gly Ala Ala Ala Ala
1 5 10

<210> 26177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26177
Arg Lys Ala Ser Asn Ala Gly Ala Ala Ala
1 5 10

<210> 26178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26178
Ala Ala Ala Ala Pro Ser Thr Ala Ser Ala
1 5 10

<210> 26179

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26179
Phe Cys Lys Asn Ile Met Gly Ser Phe
1 5

<210> 26180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26180
Cys Asp His Phe Cys Lys Asn Ile Met
1 5

<210> 26181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26181
Ile Met Gly Ser Phe Asp Cys Gly Cys Lys
1 5 10

<210> 26182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26182
His Phe Cys Lys Asn Ile Met Gly Ser Phe
1 5 10

<210> 26183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26183
Lys Val Leu Lys Lys Gln Lys Arg Arg
1 5

<210> 26184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26184
Val Leu Lys Lys Gln Lys Arg Arg Lys
1 5

<210> 26185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26185
Lys Gln Lys Arg Arg Lys Asn Gln Arg
1 5

<210> 26186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26186
Arg Lys Asn Gln Arg Cys Leu Thr Phe
1 5

<210> 26187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26187
Gln Arg Cys Leu Thr Phe Gln Pro Phe
1 5

<210> 26188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26188
Lys Val Leu Lys Lys Gln Lys Arg Arg Lys
1 5 10

<210> 26189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26189
Ala Met Lys Val Leu Lys Lys Gln Lys Arg
1 5 10

<210> 26190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26190
Asn Gln Arg Cys Leu Thr Phe Gln Pro Phe
1 5 10

<210> 26191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26191
Arg Arg Lys Asn Gln Arg Cys Leu Thr Phe
1 5 10

<210> 26192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26192
Tyr Trp Arg Lys His Thr Leu Ser Tyr
1 5

<210> 26193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26193
Gln Gln Lys Lys Pro Phe Glu Glu Tyr
1 5

<210> 26194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26194
Glu Glu Tyr Trp Arg Lys His Thr Leu
1 5

<210> 26195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26195
Glu Tyr Trp Arg Lys His Thr Leu Ser Tyr
1 5 10

<210> 26196
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26196
Tyr Trp Arg Lys His Thr Leu Ser Tyr Val
1 5 10

<210> 26197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26197
Gly Gln Gln Lys Lys Pro Phe Glu Glu Tyr
1 5 10

<210> 26198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26198
Gln Gln Lys Lys Pro Phe Glu Glu Tyr Trp
1 5 10

<210> 26199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26199
Phe Glu Glu Tyr Trp Arg Lys His Thr Leu
1 5 10

<210> 26200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26200
Cys Trp Thr Trp Leu Ser Leu Val Arg
1 5

<210> 26201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26201
Thr Arg Cys Trp Thr Trp Leu Ser Leu
1 5

<210> 26202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26202
Trp Thr Trp Leu Ser Leu Val Arg His Val
1 5 10

<210> 26203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26203
Gln Thr Arg Cys Trp Thr Trp Leu Ser Leu
1 5 10

<210> 26204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26204
Ser Gly Gln Thr Cys Cys Trp Thr Trp
1 5

<210> 26205
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26205
Gly Gln Thr Cys Cys Trp Thr Trp Leu
1 5

<210> 26206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26206
Thr Ala Ser Gly Gln Thr Cys Cys Trp
1 5

<210> 26207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26207
Val Val Phe Gly Gln Thr Cys Ala Leu
1 5

<210> 26208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26208
Phe Gly Gln Thr Cys Ala Leu Ser Ile
1 5

<210> 26209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26209
Val Phe Gly Gln Thr Cys Ala Leu Ser Ile
1 5 10

<210> 26210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26210
Leu Val Val Phe Gly Gln Thr Cys Ala Leu
1 5 10

<210> 26211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26211
Glu Val Ser Gly Ala Pro Lys Pro Arg
1 5

<210> 26212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26212
Lys Arg Lys Pro His Ser Gly Gln Trp
1 5

<210> 26213
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26213
Arg Lys Pro His Ser Gly Gln Trp Leu
1 5

<210> 26214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26214
Ala Pro Lys Pro Arg His His Leu Glu Lys
1 5 10

<210> 26215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26215
Lys Pro Arg His His Leu Glu Lys Arg Lys
1 5 10

<210> 26216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26216
Lys Arg Lys Pro His Ser Gly Gln Trp Leu
1 5 10

<210> 26217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26217
Asp Val Ala Pro Thr Ser Val Met Val
1 5

<210> 26218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26218
Met Val Arg Thr Ala Ser Glu Thr Ser Leu
1 5 10

<210> 26219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26219
Asp Val Ala Pro Thr Ser Val Met Val Arg
1 5 10

<210> 26220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26220
Ala Pro Thr Ser Val Met Val Arg Thr Ala
1 5 10

<210> 26221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26221

His Cys Met Ser Asp Pro Thr Tyr Tyr
1 5

<210> 26222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26222
Lys His Ser Phe Val Asn His Cys Met
1 5

<210> 26223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26223
Asn His Cys Met Ser Asp Pro Thr Tyr
1 5

<210> 26224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26224
Phe Val Asn His Cys Met Ser Asp Pro Thr
1 5 10

<210> 26225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26225
Val Asn His Cys Met Ser Asp Pro Thr Tyr
1 5 10

<210> 26226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26226
Met Lys Pro Ala Gly Pro Leu Gly Ala His
1 5 10

<210> 26227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26227
Val Gly Phe Ser Gly Thr Trp Pro Leu
1 5

<210> 26228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26228
Asn Pro Val Gly Phe Ser Gly Thr Trp
1 5

<210> 26229
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26229
Ile Thr Ile Val Gln Ala Ile Val Tyr
1 5

<210> 26230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26230
Met Ile Ile Thr Ile Val Gln Ala Ile
1 5

<210> 26231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26231
Thr Ile Val Gln Ala Ile Val Tyr Val
1 5

<210> 26232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26232
Gly Met Ile Ile Thr Ile Val Gln Ala
1 5

<210> 26233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26233
Ile Ile Thr Ile Val Gln Ala Ile Val
1 5

<210> 26234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26234
Ile Val Gln Ala Ile Val Tyr Val Met
1 5

<210> 26235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26235
Lys Leu Phe Gly Met Ile Ile Thr Ile Val
1 5 10

<210> 26236
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26236
Gly Met Ile Ile Thr Ile Val Gln Ala Ile
1 5 10

<210> 26237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26237
Met Ile Ile Thr Ile Val Gln Ala Ile Val
1 5 10

<210> 26238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26238
Ile Thr Ile Val Gln Ala Ile Val Tyr Val

1 5 10

<210> 26239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26239
Ile Ile Thr Ile Val Gln Ala Ile Val Tyr
1 5 10

<210> 26240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26240
Thr Ile Val Gln Ala Ile Val Tyr Val Met
1 5 10

<210> 26241
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26241
Leu Gln Arg Glu Thr Glu Ala Ser His
1 5

<210> 26242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26242
Arg Glu Thr Glu Ala Ser His Leu Ala
1 5

<210> 26243

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26243
Thr Glu Leu Gln Arg Glu Thr Glu Ala
1 5

<210> 26244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26244
Leu Gln Arg Glu Thr Glu Ala Ser His Leu
1 5 10

<210> 26245
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26245
Arg Glu Thr Glu Ala Ser His Leu Ala Pro
1 5 10

<210> 26246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26246
Val Trp Cys Asp Asn Leu Gly Gln Trp
1 5

<210> 26247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26247
Met Leu Arg Gly Ala Asp Ile Val Trp
1 5

<210> 26248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26248
Phe Met Leu Arg Gly Ala Asp Ile Val Trp
1 5 10

<210> 26249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26249
Ile Val Trp Cys Asp Asn Leu Gly Gln Trp
1 5 10

<210> 26250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26250
Phe Thr Leu Val Gly Pro Glu Val Val
1 5

<210> 26251
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26251
Phe Ser Cys Glu Glu Gly Phe Thr Leu
1 5

<210> 26252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26252
Phe Ser Cys Glu Glu Gly Phe Thr Leu Val
1 5 10

<210> 26253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26253
Glu Gly Phe Thr Leu Val Gly Pro Glu Val
1 5 10

<210> 26254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26254
Phe Ser Phe Asn Leu Val Asn Ile Lys
1 5

<210> 26255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26255
Ile Phe Ser Phe Asn Leu Val Asn Ile
1 5

<210> 26256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26256
Lys Asp His Ile Phe Ser Phe Asn Leu
1 5

<210> 26257
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26257
His Ile Phe Ser Phe Asn Leu Val Asn Ile
1 5 10

<210> 26258
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26258
Asn Leu Val Asn Ile Lys Asp Phe Gln Lys
1 5 10

<210> 26259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26259
Ser Phe Asn Leu Val Asn Ile Lys Asp Phe
1 5 10

<210> 26260
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26260
Lys Asp His Ile Phe Ser Phe Asn Leu Val
1 5 10

<210> 26261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26261
Val Leu Ile Pro Gln Ile Ala Arg Val
1 5

<210> 26262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26262
Arg Val Leu Ile Pro Gln Ile Ala Arg
1 5

<210> 26263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26263
Phe Val Phe Arg Val Leu Ile Pro Gln Ile
1 5 10

<210> 26264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26264
Arg Val Leu Ile Pro Gln Ile Ala Arg Val
1 5 10

<210> 26265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26265
Val Phe Arg Val Leu Ile Pro Gln Ile Ala
1 5 10

<210> 26266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26266
Cys Thr Glu Glu Arg Gln Leu His His
1 5

<210> 26267
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26267
His Lys Ile Ser Tyr Pro Ser Ser Cys
1 5

<210> 26268
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26268
Ser Tyr Phe Ile His Tyr Tyr Cys Val
1 5

<210> 26269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26269
Ser Ser Lys Glu Ser Tyr Phe Ile His
1 5

<210> 26270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26270
Lys Glu Ser Tyr Phe Ile His Tyr Tyr
1 5

<210> 26271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26271
Glu Ser Tyr Phe Ile His Tyr Tyr Cys
1 5

<210> 26272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26272
Gln Asn Leu Ser Ser Lys Glu Ser Tyr
1 5

<210> 26273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26273
Asn Leu Ser Ser Lys Glu Ser Tyr Phe
1 5

<210> 26274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26274
Ser Lys Glu Ser Tyr Phe Ile His Tyr
1 5

<210> 26275
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26275
Asn Leu Ser Ser Lys Glu Ser Tyr Phe Ile
1 5 10

<210> 26276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26276
Ser Ser Lys Glu Ser Tyr Phe Ile His Tyr
1 5 10

<210> 26277
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26277
Phe Gln Asn Leu Ser Ser Lys Glu Ser Tyr
1 5 10

<210> 26278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26278
Ser Lys Glu Ser Tyr Phe Ile His Tyr Tyr
1 5 10

<210> 26279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26279
Glu Ser Tyr Phe Ile His Tyr Tyr Cys Val
1 5 10

<210> 26280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26280
Gln Asn Leu Ser Ser Lys Glu Ser Tyr Phe
1 5 10

<210> 26281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26281
Lys Glu Ser Tyr Phe Ile His Tyr Tyr Cys
1 5 10

<210> 26282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26282
Gln Ile Ile Glu Val Ala Pro Gln Val
1 5

<210> 26283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26283
Arg Ile Ile Asp Lys Pro Gln Ile Ile
1 5

<210> 26284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26284
Ile Ile Asp Lys Pro Gln Ile Ile Glu Val
1 5 10

<210> 26285
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26285

Glu Ser Phe Asn Pro Glu Ser Tyr Lys
1 5

<210> 26286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26286
Ser Phe Asn Pro Glu Ser Tyr Lys Leu
1 5

<210> 26287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26287
Ser Tyr Lys Leu Asp Lys Ser Phe Arg
1 5

<210> 26288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26288
Glu Ser Tyr Lys Leu Asp Lys Ser Phe
1 5

<210> 26289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26289
Tyr Lys Leu Asp Lys Ser Phe Arg Leu
1 5

<210> 26290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26290
Lys Leu Asp Lys Ser Phe Arg Leu Thr Arg
1 5 10

<210> 26291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26291
Ser Tyr Lys Leu Asp Lys Ser Phe Arg Leu
1 5 10

<210> 26292
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26292
Glu Ser Tyr Lys Leu Asp Lys Ser Phe Arg
1 5 10

<210> 26293
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26293
Glu Ser Phe Asn Pro Glu Ser Tyr Lys Leu
1 5 10

<210> 26294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26294
Leu Leu Ala Asn Tyr Ile Phe Phe Gly
1 5

<210> 26295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26295
Tyr Ile Phe Phe Gly Ala Arg Trp Lys
1 5

<210> 26296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26296
Asn Tyr Ile Phe Phe Gly Ala Arg Trp
1 5

<210> 26297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26297
Phe Gly Ala Arg Trp Lys His Glu Phe
1 5

<210> 26298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26298
Ala Asn Tyr Ile Phe Phe Gly Ala Arg
1 5

<210> 26299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26299
Leu Ala Asn Tyr Ile Phe Phe Gly Ala
1 5

<210> 26300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26300
Met Leu Leu Ala Asn Tyr Ile Phe Phe Gly
1 5 10

<210> 26301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26301
Leu Leu Ala Asn Tyr Ile Phe Phe Gly Ala
1 5 10

<210> 26302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26302
Leu Ala Asn Tyr Ile Phe Phe Gly Ala Arg

1 5 10

<210> 26303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26303
Phe Phe Gly Ala Arg Trp Lys His Glu Phe
1 5 10

<210> 26304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26304
Ala Asn Tyr Ile Phe Phe Gly Ala Arg Trp
1 5 10

<210> 26305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26305
Tyr Gln Val Gly Tyr Asp Tyr Lys Leu
1 5

<210> 26306
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26306
Gly Ile Tyr Gln Val Gly Tyr Asp Tyr
1 5

<210> 26307

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26307
Tyr Asp Tyr Lys Leu Ser Cys Thr Ile
1 5

<210> 26308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26308
Gly Ile Tyr Gln Val Gly Tyr Asp Tyr Lys
1 5 10

<210> 26309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26309
Ile Tyr Gln Val Gly Tyr Asp Tyr Lys Leu
1 5 10

<210> 26310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26310
Ser Gly Ile Tyr Gln Val Gly Tyr Asp Tyr
1 5 10

<210> 26311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26311
Tyr Asp Tyr Lys Leu Ser Cys Thr Ile Leu
1 5 10

<210> 26312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26312
Tyr Lys Leu Ser Cys Thr Ile Leu Glu Ile
1 5 10

<210> 26313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26313
Phe Thr Glu Asp Ala Asn Arg Leu Tyr
1 5

<210> 26314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26314
Asn Arg Leu Tyr Gly Ser Glu Ala Phe
1 5

<210> 26315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26315
Arg Phe Thr Glu Asp Ala Asn Arg Leu Tyr
1 5 10

<210> 26316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26316
Ala Asn Arg Leu Tyr Gly Ser Glu Ala Phe
1 5 10

<210> 26317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26317
Asn Ala Asp Phe Ala Phe Cys Phe Tyr
1 5

<210> 26318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26318
Phe Ala Phe Cys Phe Tyr Tyr Leu Ile
1 5

<210> 26319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26319
Asp Phe Ala Phe Cys Phe Tyr Tyr Leu
1 5

<210> 26320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26320
Ala Asp Phe Ala Phe Cys Phe Tyr Tyr
1 5

<210> 26321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26321
Ala Asn Ala Asp Phe Ala Phe Cys Phe
1 5

<210> 26322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26322
Asn Ala Asp Phe Ala Phe Cys Phe Tyr Tyr
1 5 10

<210> 26323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26323
Phe Ala Phe Cys Phe Tyr Tyr Leu Ile Ala
1 5 10

<210> 26324
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26324
Asp Phe Ala Phe Cys Phe Tyr Tyr Leu Ile
1 5 10

<210> 26325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26325
Ala Asn Ala Asp Phe Ala Phe Cys Phe Tyr
1 5 10

<210> 26326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26326
Ala Asp Phe Ala Phe Cys Phe Tyr Tyr Leu
1 5 10

<210> 26327
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26327
Phe Leu Met Ile Ile Thr Asn Lys Ala
1 5

<210> 26328
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26328
Thr Phe Leu Met Ile Ile Thr Asn Lys
1 5

<210> 26329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26329
Ser Phe Asn Arg Thr Phe Leu Met Ile
1 5

<210> 26330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26330
Phe Asn Arg Thr Phe Leu Met Ile Ile
1 5

<210> 26331
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26331
Phe Leu Met Ile Ile Thr Asn Lys Ala Thr
1 5 10

<210> 26332
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26332
Arg Thr Phe Leu Met Ile Ile Thr Asn Lys
1 5 10

<210> 26333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26333
Val Ser Phe Asn Arg Thr Phe Leu Met Ile
1 5 10

<210> 26334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26334
Ser Phe Asn Arg Thr Phe Leu Met Ile Ile
1 5 10

<210> 26335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26335
Asn Ser Ser Ala Arg Thr Leu Leu Met
1 5

<210> 26336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26336
Ser Val Asp Phe Gln Lys Thr Leu Lys
1 5

<210> 26337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26337
Lys Thr Leu Lys Asn Pro Asp Lys Arg
1 5

<210> 26338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26338
Thr Ser Gly Leu Asn Val Asn Pro Lys
1 5

<210> 26339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26339
Ser Ala Arg Thr Leu Leu Met Leu Arg
1 5

<210> 26340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26340
Leu Met Leu Arg Leu Cys Trp Tyr Trp
1 5

<210> 26341
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26341
Lys Val Lys Ser Arg Asn Ser Ser Ala
1 5

<210> 26342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26342
Lys Ser Arg Asn Ser Ser Ala Arg Thr
1 5

<210> 26343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26343
Arg Asn Ser Ser Ala Arg Thr Leu Leu
1 5

<210> 26344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26344
Leu Leu Met Leu Arg Leu Cys Trp Tyr
1 5

<210> 26345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26345
Asn Val Asn Pro Lys Val Lys Ser Arg
1 5

<210> 26346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26346
Lys Arg Leu Thr Ser Gly Leu Asn Val
1 5

<210> 26347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26347
Ser Arg Asn Ser Ser Ala Arg Thr Leu
1 5

<210> 26348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26348
Ser Ser Ala Arg Thr Leu Leu Met Leu
1 5

<210> 26349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26349

Ile Glu Ser Val Asp Phe Gln Lys Thr
1 5

<210> 26350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26350
Leu Thr Ser Gly Leu Asn Val Asn Pro Lys
1 5 10

<210> 26351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26351
Ser Ser Ala Arg Thr Leu Leu Met Leu Arg
1 5 10

<210> 26352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26352
Arg Thr Leu Leu Met Leu Arg Leu Cys Trp
1 5 10

<210> 26353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26353
Leu Leu Met Leu Arg Leu Cys Trp Tyr Trp
1 5 10

<210> 26354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26354
Phe Gln Lys Thr Leu Lys Asn Pro Asp Lys
1 5 10

<210> 26355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26355
Ser Gly Leu Asn Val Asn Pro Lys Val Lys
1 5 10

<210> 26356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26356
Lys Val Lys Ser Arg Asn Ser Ser Ala Arg
1 5 10

<210> 26357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26357
Lys Ser Arg Asn Ser Ser Ala Arg Thr Leu
1 5 10

<210> 26358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26358
Arg Asn Ser Ser Ala Arg Thr Leu Leu Met
1 5 10

<210> 26359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26359
Ser Ala Arg Thr Leu Leu Met Leu Arg Leu
1 5 10

<210> 26360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26360
Thr Leu Leu Met Leu Arg Leu Cys Trp Tyr
1 5 10

<210> 26361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26361
Asn Pro Asp Lys Arg Leu Thr Ser Gly Leu
1 5 10

<210> 26362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26362
Ile Glu Ser Val Asp Phe Gln Lys Thr Leu
1 5 10

<210> 26363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26363
Ser Arg Asn Ser Ser Ala Arg Thr Leu Leu
1 5 10

<210> 26364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26364
Lys Cys Val Gln Met Met Arg Gln Tyr
1 5

<210> 26365
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26365
Thr Tyr Lys Cys Val Gln Met Met Arg
1 5

<210> 26366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26366
Asn Thr Tyr Lys Cys Val Gln Met Met

1 5

<210> 26367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26367
Asn Thr Tyr Lys Cys Val Gln Met Met Arg
1 5 10

<210> 26368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26368
Trp Pro Asn Lys Asn Thr Tyr Lys Cys Val
1 5 10

<210> 26369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26369
Asn Lys Asn Thr Tyr Lys Cys Val Gln Met
1 5 10

<210> 26370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26370
Tyr Lys Cys Val Gln Met Met Arg Gln Tyr
1 5 10

<210> 26371

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26371
Thr Ala Lys Pro Leu Asp Ile Pro Met
1 5

<210> 26372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26372
Val Asp Ile Cys Thr Ala Lys Pro Leu
1 5

<210> 26373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26373
Cys Thr Ala Lys Pro Leu Asp Ile Pro Met
1 5 10

<210> 26374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26374
Lys Pro Leu Asp Ile Pro Met Asn Pro Met
1 5 10

<210> 26375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26375
Ser Leu Lys Met Val Lys Asn Phe Leu
1 5

<210> 26376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26376
Ser Met Gly Tyr Asp Ser Leu Lys Met
1 5

<210> 26377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26377
Ser Met Gly Tyr Asp Ser Leu Lys Met Val
1 5 10

<210> 26378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26378
Met Gly Tyr Asp Ser Leu Lys Met Val Lys
1 5 10

<210> 26379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26379
Ser Leu Lys Met Val Lys Asn Phe Leu Ser
1 5 10

<210> 26380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26380
His Ser Met Gly Tyr Asp Ser Leu Lys Met
1 5 10

<210> 26381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26381
Ser Met Arg Ala Ser Gln Ala Leu Gln
1 5

<210> 26382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26382
Asp Ser Met Arg Ala Ser Gln Ala Leu
1 5

<210> 26383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26383
Ala Gln Trp Gly Ile Gly Asp Ser Met
1 5

<210> 26384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26384
Ser Met Arg Ala Ser Gln Ala Leu Gln Gln
1 5 10

<210> 26385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26385
Arg Ala Gln Trp Gly Ile Gly Asp Ser Met
1 5 10

<210> 26386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26386
Lys Tyr Tyr Lys Tyr Val Thr Asn Ala
1 5

<210> 26387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26387
Lys Cys Arg Lys Lys Tyr Tyr Lys Tyr
1 5

<210> 26388
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26388
Gly Val Asn Lys Cys Arg Lys Lys Tyr
1 5

<210> 26389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26389
Tyr Lys Tyr Val Thr Asn Ala Cys Leu
1 5

<210> 26390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26390
Lys Tyr Tyr Lys Tyr Val Thr Asn Ala Cys
1 5 10

<210> 26391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26391
Tyr Tyr Lys Tyr Val Thr Asn Ala Cys Leu
1 5 10

<210> 26392
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26392
Val Asn Lys Cys Arg Lys Lys Tyr Tyr Lys
1 5 10

<210> 26393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26393
Lys Cys Arg Lys Lys Tyr Tyr Lys Tyr Val
1 5 10

<210> 26394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26394
Gly Val Asn Lys Cys Arg Lys Lys Tyr Tyr
1 5 10

<210> 26395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26395
Lys Lys Tyr Tyr Lys Tyr Val Thr Asn Ala
1 5 10

<210> 26396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26396
Thr Leu Gln Pro Tyr Val Ala His Thr
1 5

<210> 26397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26397
Leu Gln Pro Tyr Val Ala His Thr Leu
1 5

<210> 26398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26398
Ile Ser Pro Phe Thr Leu Gln Pro Tyr
1 5

<210> 26399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26399
Leu Gln Ile Ser Pro Phe Thr Leu Gln
1 5

<210> 26400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26400
Ser Pro Phe Thr Leu Gln Pro Tyr Val
1 5

<210> 26401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26401
Thr Leu Gln Pro Tyr Val Ala His Thr Leu
1 5 10

<210> 26402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26402
Gln Ile Ser Pro Phe Thr Leu Gln Pro Tyr
1 5 10

<210> 26403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26403
Ile Ser Pro Phe Thr Leu Gln Pro Tyr Val
1 5 10

<210> 26404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26404
Ala Pro Leu Gln Ile Ser Pro Phe Thr Leu
1 5 10

<210> 26405
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26405
Leu Gln Ile Ser Pro Phe Thr Leu Gln Pro
1 5 10

<210> 26406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26406
Ser Pro Phe Thr Leu Gln Pro Tyr Val Ala
1 5 10

<210> 26407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26407
Tyr Leu Pro Gly Ser Asp Pro Asp Pro Thr
1 5 10

<210> 26408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26408
Leu Pro Gly Ser Asp Pro Asp Pro Thr Leu
1 5 10

<210> 26409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26409
Thr Leu Trp Glu Asp Asp Asn Arg Ile
1 5

<210> 26410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26410
Leu Ala Arg Leu Asn Gly Thr Leu Trp
1 5

<210> 26411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26411
Thr Leu Trp Glu Asp Asp Asn Arg Ile Leu
1 5 10

<210> 26412
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26412
Cys Val Arg Asn Thr Thr Ala Arg Ala
1 5

<210> 26413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26413

Cys Val Arg Asn Thr Thr Ala Arg Ala Phe
1 5 10

<210> 26414
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26414
Asn Met Asp Glu Tyr Val Arg Tyr Thr
1 5

<210> 26415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26415
Tyr Thr Thr Ala Arg Ala Phe Ala Val
1 5

<210> 26416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26416
Tyr Val Arg Tyr Thr Thr Ala Arg Ala
1 5

<210> 26417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26417
Arg Tyr Thr Thr Ala Arg Ala Phe Ala
1 5

<210> 26418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26418
Glu Tyr Val Arg Tyr Thr Thr Ala Arg
1 5

<210> 26419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26419
Val Arg Tyr Thr Thr Ala Arg Ala Phe
1 5

<210> 26420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26420
Asp Glu Tyr Val Arg Tyr Thr Thr Ala
1 5

<210> 26421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26421
Asn Met Asp Glu Tyr Val Arg Tyr Thr Thr
1 5 10

<210> 26422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26422
Tyr Thr Thr Ala Arg Ala Phe Ala Val Val
1 5 10

<210> 26423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26423
Arg Tyr Thr Thr Ala Arg Ala Phe Ala Val
1 5 10

<210> 26424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26424
Tyr Val Arg Tyr Thr Thr Ala Arg Ala Phe
1 5 10

<210> 26425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26425
Ile Asp Asn Met Asp Glu Tyr Val Arg Tyr
1 5 10

<210> 26426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26426
Asp Glu Tyr Val Arg Tyr Thr Thr Ala Arg
1 5 10

<210> 26427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26427
Gln Ala Arg His Thr Gly Ile Glu Ile
1 5

<210> 26428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26428
Glu Ile Val Gln Gln Ile Ala Ile Leu
1 5

<210> 26429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26429
Ile Glu Ile Val Gln Gln Ile Ala Ile
1 5

<210> 26430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26430
Trp Gln Ala Arg His Thr Gly Ile Glu Ile

1 5 10

<210> 26431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26431
Glu Ile Val Gln Gln Ile Ala Ile Leu Met
1 5 10

<210> 26432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26432
Ile Glu Ile Val Gln Gln Ile Ala Ile Leu
1 5 10

<210> 26433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26433
Gly Leu Val Asp Glu Gln Gln Glu Val
1 5

<210> 26434
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26434
Glu Val Arg Thr Ile Ser Ala Leu Ala
1 5

<210> 26435

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26435
Gln Glu Val Arg Thr Ile Ser Ala Leu
1 5

<210> 26436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26436
Asp Glu Gln Gln Glu Val Arg Thr Ile
1 5

<210> 26437
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26437
Glu Val Arg Thr Ile Ser Ala Leu Ala Ile
1 5 10

<210> 26438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26438
Gln Gln Glu Val Arg Thr Ile Ser Ala Leu
1 5 10

<210> 26439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26439
Asp Glu Gln Gln Glu Val Arg Thr Ile Ser
1 5 10

<210> 26440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26440
Gln Glu Val Arg Thr Ile Ser Ala Leu Ala
1 5 10

<210> 26441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26441
Ile Leu Tyr Ala Phe Gln Lys Gln Thr
1 5

<210> 26442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26442
Lys Gln Thr Thr Glu Asp Ser Val Met
1 5

<210> 26443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26443
Ile Leu Tyr Ala Phe Gln Lys Gln Thr Thr
1 5 10

<210> 26444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26444
Phe Gln Lys Gln Thr Thr Glu Asp Ser Val
1 5 10

<210> 26445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26445
Gln Lys Gln Thr Thr Glu Asp Ser Val Met
1 5 10

<210> 26446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26446
Lys Gln Thr Thr Glu Asp Ser Val Met Leu
1 5 10

<210> 26447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26447
Asp Leu Ile Ser Gln Thr Ala Val Val
1 5

<210> 26448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26448
Ile Ser Gln Thr Ala Val Val Met Lys
1 5

<210> 26449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26449
Leu Ile Ser Gln Thr Ala Val Val Met
1 5

<210> 26450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26450
Ala Asp Leu Ile Ser Gln Thr Ala Val
1 5

<210> 26451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26451
Leu Ile Ser Gln Thr Ala Val Val Met Lys
1 5 10

<210> 26452
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26452
Gln Ala Ala Asp Leu Ile Ser Gln Thr Ala
1 5 10

<210> 26453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26453
Asp Leu Ile Ser Gln Thr Ala Val Val Met
1 5 10

<210> 26454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26454
Arg Gln Gln Ala Ala Asp Leu Ile Ser Gln
1 5 10

<210> 26455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26455
Leu Leu Ala Gln Arg Leu Ser Gln Thr
1 5

<210> 26456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26456
Ser Gln Thr Cys Phe Arg Gln Trp Arg
1 5

<210> 26457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26457
Ala Gln Arg Leu Ser Gln Thr Cys Phe
1 5

<210> 26458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26458
Leu Ser Gln Thr Cys Phe Arg Gln Trp
1 5

<210> 26459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26459
Leu Leu Ala Gln Arg Leu Ser Gln Thr Cys
1 5 10

<210> 26460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26460
Ala Gln Arg Leu Ser Gln Thr Cys Phe Arg
1 5 10

<210> 26461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26461
Leu Ser Gln Thr Cys Phe Arg Gln Trp Arg
1 5 10

<210> 26462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26462
Leu Ala Gln Arg Leu Ser Gln Thr Cys Phe
1 5 10

<210> 26463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26463
Arg Leu Ser Gln Thr Cys Phe Arg Gln Trp
1 5 10

<210> 26464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26464
Met Gln Met Gly Gly Gly Gly Ala Met
1 5

<210> 26465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26465
Asp Met Gln Met Gly Gly Gly Gly Ala Met
1 5 10

<210> 26466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26466
Gln Met Gly Gly Gly Gly Ala Met Asn Met
1 5 10

<210> 26467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26467
Met Gln Met Gly Gly Gly Gly Ala Met Asn
1 5 10

<210> 26468
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26468
Ile Pro Gln Thr Gln Val Pro Leu Ile
1 5

<210> 26469
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26469
Ser Ser Ser Pro Ile Pro Gln Thr Gln Val
1 5 10

<210> 26470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26470
Ser Pro Ile Pro Gln Thr Gln Val Pro Leu
1 5 10

<210> 26471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26471
Glu Ser Lys Glu Gly Gln Glu Ser Tyr
1 5

<210> 26472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26472
Gly Gln Glu Ser Tyr Ser Ser Ala Ala
1 5

<210> 26473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26473
Tyr Ser Ser Ala Ala Asn Thr Asn Pro Ala
1 5 10

<210> 26474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26474
Lys Glu Gly Gln Glu Ser Tyr Ser Ser Ala
1 5 10

<210> 26475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26475
Glu Glu Ser Lys Glu Gly Gln Glu Ser Tyr
1 5 10

<210> 26476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26476
Gln Glu Ser Tyr Ser Ser Ala Ala Asn Thr
1 5 10

<210> 26477
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26477

Glu Val Leu Ser Gln Met Asp Ile Leu
1 5

<210> 26478
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26478
Val Leu Ser Gln Met Asp Ile Leu Phe
1 5

<210> 26479
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26479
Gly Lys Ile Glu Val Leu Ser Gln Met
1 5

<210> 26480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26480
Ile Glu Val Leu Ser Gln Met Asp Ile
1 5

<210> 26481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26481
Ile Gln Ala His Ala Gly Lys Ile Glu Val
1 5 10

<210> 26482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26482
Gln Ala His Ala Gly Lys Ile Glu Val Leu
1 5 10

<210> 26483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26483
Ile Glu Val Leu Ser Gln Met Asp Ile Leu
1 5 10

<210> 26484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26484
Glu Val Leu Ser Gln Met Asp Ile Leu Phe
1 5 10

<210> 26485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26485
Leu Tyr Pro Val Gly Met Tyr Gly Trp
1 5

<210> 26486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26486
Met Tyr Gly Trp Arg Lys Arg Cys Leu
1 5

<210> 26487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26487
Ala Gln Leu Tyr Pro Val Gly Met Tyr
1 5

<210> 26488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26488
Gly Met Tyr Gly Trp Arg Lys Arg Cys Leu
1 5 10

<210> 26489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26489
Met Tyr Gly Trp Arg Lys Arg Cys Leu Tyr
1 5 10

<210> 26490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26490
Asn Ala Gln Leu Tyr Pro Val Gly Met Tyr
1 5 10

<210> 26491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26491
Gln Leu Tyr Pro Val Gly Met Tyr Gly Trp
1 5 10

<210> 26492
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26492
Ala Leu Ala Glu Ser Thr Ser Ser Ile
1 5

<210> 26493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26493
Ala Leu Ala Glu Ser Thr Ser Ser Ile Ser
1 5 10

<210> 26494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26494
Ser Pro Pro Pro Ile Ala Pro Leu Ala Leu

1 5 10

<210> 26495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26495
Leu Ala Leu Ala Glu Ser Thr Ser Ser Ile
1 5 10

<210> 26496
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26496
Leu Ile Asn Lys Ile Thr Pro Pro Phe
1 5

<210> 26497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26497
Asp Leu Ile Asn Lys Ile Thr Pro Pro Phe
1 5 10

<210> 26498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26498
Thr Leu Lys Lys Gln Phe Pro Ala Trp
1 5

<210> 26499

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26499
Leu Met Ser Trp Met Ala Lys Gly Val
1 5

<210> 26500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26500
Trp Met Ala Lys Gly Val Gln Lys Ile
1 5

<210> 26501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26501
Ser Leu Lys Ile Val Gln Met Ser Ile
1 5

<210> 26502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26502
Ile Val Gln Met Ser Ile Leu Gly Lys
1 5

<210> 26503
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26503
Met Ser Ile Leu Gly Lys Arg Leu Lys
1 5

<210> 26504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26504
Ser Trp Met Ala Lys Gly Val Gln Lys
1 5

<210> 26505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26505
Phe Ser Ile Met Asn Ser Trp Leu Arg
1 5

<210> 26506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26506
Gly Val Gln Lys Ile Pro Val Leu Phe
1 5

<210> 26507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26507
Lys Asp Leu Met Ser Trp Met Ala Lys
1 5

<210> 26508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26508
Gly Gln Lys Asp Leu Met Ser Trp Met
1 5

<210> 26509
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26509
Arg Glu Lys Asp Gln Arg Asp Ser Leu
1 5

<210> 26510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26510
Arg Asp Ser Leu Lys Ile Val Gln Met
1 5

<210> 26511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26511
Leu Lys Ile Val Gln Met Ser Ile Leu
1 5

<210> 26512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26512
Lys Gly Val Gln Lys Ile Pro Val Leu
1 5

<210> 26513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26513
Gln Lys Ile Pro Val Leu Phe Ser Ile
1 5

<210> 26514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26514
Lys Ile Pro Val Leu Phe Ser Ile Met
1 5

<210> 26515
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26515
Val Leu Phe Ser Ile Met Asn Ser Trp
1 5

<210> 26516
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26516
Asp Leu Met Ser Trp Met Ala Lys Gly Val
1 5 10

<210> 26517
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26517
Val Leu Phe Ser Ile Met Asn Ser Trp Leu
1 5 10

<210> 26518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26518
Ser Leu Lys Ile Val Gln Met Ser Ile Leu
1 5 10

<210> 26519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26519
Lys Ile Val Gln Met Ser Ile Leu Gly Lys
1 5 10

<210> 26520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26520
Gln Met Ser Ile Leu Gly Lys Arg Leu Lys
1 5 10

<210> 26521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26521
Met Ser Trp Met Ala Lys Gly Val Gln Lys
1 5 10

<210> 26522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26522
Ser Trp Met Ala Lys Gly Val Gln Lys Ile
1 5 10

<210> 26523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26523
Lys Gly Val Gln Lys Ile Pro Val Leu Phe
1 5 10

<210> 26524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26524
Lys Val Lys Asp Ser Ser Ser Glu Lys Arg
1 5 10

<210> 26525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26525
Arg Glu Lys Asp Gln Arg Asp Ser Leu Lys
1 5 10

<210> 26526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26526
Leu Gly Lys Arg Leu Lys Thr Gly Gln Lys
1 5 10

<210> 26527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26527
Arg Leu Lys Thr Gly Gln Lys Asp Leu Met
1 5 10

<210> 26528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26528
Met Ala Lys Gly Val Gln Lys Ile Pro Val
1 5 10

<210> 26529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26529
Ile Val Gln Met Ser Ile Leu Gly Lys Arg
1 5 10

<210> 26530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26530
Leu Phe Ser Ile Met Asn Ser Trp Leu Arg
1 5 10

<210> 26531
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26531
Val Gln Met Ser Ile Leu Gly Lys Arg Leu
1 5 10

<210> 26532
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26532
Lys Arg Leu Lys Thr Gly Gln Lys Asp Leu
1 5 10

<210> 26533
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26533
Gly Gln Lys Asp Leu Met Ser Trp Met Ala
1 5 10

<210> 26534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26534
Ala Lys Gly Val Gln Lys Ile Pro Val Leu
1 5 10

<210> 26535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26535
Val Gln Lys Ile Pro Val Leu Phe Ser Ile
1 5 10

<210> 26536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26536
Gln Lys Ile Pro Val Leu Phe Ser Ile Met
1 5 10

<210> 26537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26537
Ser Val Asp Asp Arg Gln Ser Ser Lys
1 5

<210> 26538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26538
Arg Gln Ser Ser Lys Ala Thr Thr Ser
1 5

<210> 26539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26539
Gly Ser Val Asp Asp Arg Gln Ser Ser Lys
1 5 10

<210> 26540
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26540
Arg Gln Ser Ser Lys Ala Thr Thr Ser Gln
1 5 10

<210> 26541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26541

Phe Thr Asp Ile Ile Lys Leu Phe Asn
1 5

<210> 26542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26542
Lys Leu Phe Asn Glu Met Ala Glu Arg
1 5

<210> 26543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26543
Asp Phe Thr Asp Ile Ile Lys Leu Phe
1 5

<210> 26544
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26544
Asp Ile Ile Lys Leu Phe Asn Glu Met
1 5

<210> 26545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26545
Met Asp Phe Thr Asp Ile Ile Lys Leu
1 5

<210> 26546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26546
Asn Met Asp Phe Thr Asp Ile Ile Lys Leu
1 5 10

<210> 26547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26547
Asp Ile Ile Lys Leu Phe Asn Glu Met Ala
1 5 10

<210> 26548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26548
Met Asp Phe Thr Asp Ile Ile Lys Leu Phe
1 5 10

<210> 26549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26549
Val Leu Ser Gly Ala Leu Pro Pro Val
1 5

<210> 26550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26550
Thr Gln Ser Gln Leu Pro Val Ser Val
1 5

<210> 26551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26551
Gly Ala Leu Pro Pro Val Ile Leu Phe
1 5

<210> 26552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26552
Pro Val Ser Val Arg His Gly Arg Lys
1 5

<210> 26553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26553
Ser Val Arg His Gly Arg Lys Thr Lys
1 5

<210> 26554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26554
Leu Pro Val Ser Val Arg His Gly Arg
1 5

<210> 26555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26555
Ser Pro Ser Val Leu Ser Gly Ala Leu
1 5

<210> 26556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26556
Ser Trp Thr Gln Ser Gln Leu Pro Val
1 5

<210> 26557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26557
Ser Gln Leu Pro Val Ser Val Arg His
1 5

<210> 26558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26558
Ser Val Leu Ser Gly Ala Leu Pro Pro Val

1 5 10

<210> 26559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26559
Val Leu Ser Gly Ala Leu Pro Pro Val Ile
1 5 10

<210> 26560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26560
Ile Leu Phe Gly Asn Ser Trp Thr Gln Ser
1 5 10

<210> 26561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26561
Trp Thr Gln Ser Gln Leu Pro Val Ser Val
1 5 10

<210> 26562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26562
Val Ser Val Arg His Gly Arg Lys Thr Lys
1 5 10

<210> 26563

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26563
Gln Leu Pro Val Ser Val Arg His Gly Arg
1 5 10

<210> 26564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26564
Asn Ser Trp Thr Gln Ser Gln Leu Pro Val
1 5 10

<210> 26565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26565
Ser Gly Ala Leu Pro Pro Val Ile Leu Phe
1 5 10

<210> 26566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26566
Phe Gly Asn Ser Trp Thr Gln Ser Gln Leu
1 5 10

<210> 26567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26567
Ser Gln Leu Pro Val Ser Val Arg His Gly
1 5 10

<210> 26568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26568
Pro Pro Val Ile Leu Phe Gly Asn Ser Trp
1 5 10

<210> 26569
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26569
Arg Trp Ser Leu Arg Pro Ala Ala Arg
1 5

<210> 26570
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26570
Arg Pro Ala Ala Arg Arg Pro Trp Arg
1 5

<210> 26571
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26571
Cys Ser Ala Arg Lys Glu Asn Gln Arg
1 5

<210> 26572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26572
Trp Ser Leu Arg Pro Ala Ala Arg Arg
1 5

<210> 26573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26573
Arg Lys Glu Asn Gln Arg Trp Ser Leu
1 5

<210> 26574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26574
Asn Gln Arg Trp Ser Leu Arg Pro Ala
1 5

<210> 26575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26575
Gln Arg Trp Ser Leu Arg Pro Ala Ala
1 5

<210> 26576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26576
Trp Glu Gln Leu Asp Thr Glu Pro Thr
1 5

<210> 26577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26577
Ala Pro Ser Pro Cys His Pro Leu Trp
1 5

<210> 26578
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26578
Arg Trp Ser Leu Arg Pro Ala Ala Arg Arg
1 5 10

<210> 26579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26579
Ser Leu Arg Pro Ala Ala Arg Arg Pro Trp
1 5 10

<210> 26580
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26580
Glu Gln Leu Asp Thr Glu Pro Thr Pro Arg
1 5 10

<210> 26581
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26581
Ser Ala Ala Pro Ser Pro Cys His Pro Leu
1 5 10

<210> 26582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26582
Arg Pro Ala Ala Arg Arg Pro Trp Arg Ser
1 5 10

<210> 26583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26583
Asn Gln Arg Trp Ser Leu Arg Pro Ala Ala
1 5 10

<210> 26584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26584
Thr Leu Tyr Met Thr Cys Ser Ala Tyr
1 5

<210> 26585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26585
Ala Thr Leu Tyr Met Thr Cys Ser Ala
1 5

<210> 26586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26586
Lys Glu Trp Glu Gly Pro Ala Thr Leu
1 5

<210> 26587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26587
Trp Glu Gly Pro Ala Thr Leu Tyr Met
1 5

<210> 26588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26588
Ala Thr Leu Tyr Met Thr Cys Ser Ala Tyr
1 5 10

<210> 26589
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26589
Leu Tyr Met Thr Cys Ser Ala Tyr Gln Lys
1 5 10

<210> 26590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26590
Lys Glu Trp Glu Gly Pro Ala Thr Leu Tyr
1 5 10

<210> 26591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26591
Lys Lys Glu Trp Glu Gly Pro Ala Thr Leu
1 5 10

<210> 26592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26592
Trp Glu Gly Pro Ala Thr Leu Tyr Met Thr
1 5 10

<210> 26593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26593
His Ser Pro Ser Gly Cys His Met Val
1 5

<210> 26594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26594
Val His Ser Pro Ser Gly Cys His Met
1 5

<210> 26595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26595
Met Val His Ser Pro Ser Gly Cys His Met
1 5 10

<210> 26596
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26596
Ser Pro Ser Gly Cys His Met Val Glu Ile
1 5 10

<210> 26597
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26597
Arg Met Val His Ser Pro Ser Gly Cys His
1 5 10

<210> 26598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26598
Cys His Met Val Glu Ile Ser Thr Pro Val
1 5 10

<210> 26599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26599
Asn Glu Asp Gln Glu Val Cys Met Leu
1 5

<210> 26600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26600
Cys Met Leu Phe Lys Asp Leu Ser Ala Arg
1 5 10

<210> 26601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26601
Leu Glu Asn Glu Asp Gln Glu Val Cys Met
1 5 10

<210> 26602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26602
Asn Glu Asp Gln Glu Val Cys Met Leu Phe
1 5 10

<210> 26603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26603
Gln Glu Val Cys Met Leu Phe Lys Asp Leu
1 5 10

<210> 26604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26604
Phe Met His Met Lys Leu Thr Lys Thr
1 5

<210> 26605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26605

Gly Phe Met His Met Lys Leu Thr Lys
1 5

<210> 26606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26606
Lys Leu Thr Lys Thr Lys Glu Lys Tyr
1 5

<210> 26607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26607
Lys Leu Thr Lys Thr Lys Glu Lys Tyr Val
1 5 10

<210> 26608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26608
Phe Met His Met Lys Leu Thr Lys Thr Lys
1 5 10

<210> 26609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26609
Gln Gly Phe Met His Met Lys Leu Thr Lys
1 5 10

<210> 26610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26610
His Met Lys Leu Thr Lys Thr Lys Glu Lys
1 5 10

<210> 26611
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26611
Leu Thr Lys Thr Lys Glu Lys Tyr Val Leu
1 5 10

<210> 26612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26612
Met Lys Leu Thr Lys Thr Lys Glu Lys Tyr
1 5 10

<210> 26613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26613
Glu Glu Ala Glu Glu Glu Glu Glu Leu
1 5

<210> 26614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26614
Phe Met Pro Ala Tyr Trp Ala Leu Gly
1 5

<210> 26615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26615
Pro Phe Met Pro Ala Tyr Trp Ala Leu
1 5

<210> 26616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26616
Ile Gly His Pro Phe Met Pro Ala Tyr
1 5

<210> 26617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26617
His Pro Phe Met Pro Ala Tyr Trp Ala
1 5

<210> 26618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26618
Tyr His Glu Val Ile Gly His Pro Phe
1 5

<210> 26619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26619
His Glu Val Ile Gly His Pro Phe Met
1 5

<210> 26620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26620
Phe Met Pro Ala Tyr Trp Ala Leu Gly Phe
1 5 10

<210> 26621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26621
Gln Tyr His Glu Val Ile Gly His Pro Phe
1 5 10

<210> 26622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26622
Val Ile Gly His Pro Phe Met Pro Ala Tyr

1 5 10

<210> 26623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26623
Glu Val Ile Gly His Pro Phe Met Pro Ala
1 5 10

<210> 26624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26624
His Pro Phe Met Pro Ala Tyr Trp Ala Leu
1 5 10

<210> 26625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26625
Tyr His Glu Val Ile Gly His Pro Phe Met
1 5 10

<210> 26626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26626
Ile Gly His Pro Phe Met Pro Ala Tyr Trp
1 5 10

<210> 26627

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26627
Thr Phe Asn Ala Ser Tyr Asp Thr Lys
1 5

<210> 26628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26628
Gln Thr Phe Asn Ala Ser Tyr Asp Thr Lys
1 5 10

<210> 26629
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26629
Ala Ser Tyr Asp Thr Lys Asn Leu His Val
1 5 10

<210> 26630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26630
Ser Ala Ser Thr Ser Ser Trp Leu Arg
1 5

<210> 26631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26631
Ser Thr Ser Ser Trp Leu Arg Ser Arg
1 5

<210> 26632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26632
Pro Pro Ser Ala Ser Thr Ser Ser Trp
1 5

<210> 26633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26633
Ala Ser Thr Ser Ser Trp Leu Arg Ser Arg
1 5 10

<210> 26634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26634
Ser Pro Pro Ser Ala Ser Thr Ser Ser Trp
1 5 10

<210> 26635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26635
Ile Ser Arg Asp Asn Met Pro Ala Leu
1 5

<210> 26636
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26636
Met Pro Ala Leu Glu Pro Gln Pro Gln
1 5

<210> 26637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26637
Ser Ile Ser Arg Asp Asn Met Pro Ala Leu
1 5 10

<210> 26638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26638
Leu Val Ile Ser Ile Ser Arg Asp Asn Met
1 5 10

<210> 26639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26639
Ile Ser Ile Ser Arg Asp Asn Met Pro Ala
1 5 10

<210> 26640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26640
Met Pro Ala Leu Glu Pro Gln Pro Gln Gly
1 5 10

<210> 26641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26641
Met Val Phe Gln Ala Asn Arg Thr Val
1 5

<210> 26642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26642
Arg Val Met Val Phe Gln Ala Asn Arg
1 5

<210> 26643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26643
Val Met Val Phe Gln Ala Asn Arg Thr Val
1 5 10

<210> 26644
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26644
Arg Val Met Val Phe Gln Ala Asn Arg Thr
1 5 10

<210> 26645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26645
Met Val Phe Gln Ala Asn Arg Thr Val Leu
1 5 10

<210> 26646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26646
Phe Gln Ala Asn Arg Thr Val Leu Glu Asn
1 5 10

<210> 26647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26647
Gln Ala Pro Ser Arg Pro Leu Pro Arg
1 5

<210> 26648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26648
Ala Pro Ser Arg Pro Leu Pro Arg Leu
1 5

<210> 26649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26649
Cys Ser Gln Ala Pro Ser Arg Pro Leu
1 5

<210> 26650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26650
Ser Gln Ala Pro Ser Arg Pro Leu Pro
1 5

<210> 26651
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26651
Ser Gln Ala Pro Ser Arg Pro Leu Pro Arg
1 5 10

<210> 26652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26652
Tyr Gln Asn Val Gly Leu Val Ala Met
1 5

<210> 26653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26653
Gly Leu Val Ala Met Gly His Ser Leu
1 5

<210> 26654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26654
Met Gly His Ser Leu Pro Pro Ser Ala
1 5

<210> 26655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26655
Val Ala Met Gly His Ser Leu Pro Pro
1 5

<210> 26656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26656
Ala Met Gly His Ser Leu Pro Pro Ser Ala
1 5 10

<210> 26657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26657
Cys Tyr Gln Asn Val Gly Leu Val Ala Met
1 5 10

<210> 26658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26658
Tyr Gln Asn Val Gly Leu Val Ala Met Gly
1 5 10

<210> 26659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26659
Met Gly His Ser Leu Pro Pro Ser Ala Val
1 5 10

<210> 26660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26660
Lys Phe Pro Phe Gln Asn Asn Asn Lys
1 5

<210> 26661
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26661
Phe Gln Asn Asn Asn Lys Trp Gln Arg
1 5

<210> 26662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26662
Phe Pro Phe Gln Asn Asn Asn Lys Trp
1 5

<210> 26663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26663
Tyr Glu Phe Lys Phe Pro Phe Gln Asn
1 5

<210> 26664
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26664
Lys Phe Pro Phe Gln Asn Asn Asn Lys Trp
1 5 10

<210> 26665
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26665
Tyr Glu Phe Lys Phe Pro Phe Gln Asn Asn
1 5 10

<210> 26666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26666
Arg Gly Pro Gln Asp Phe Asn Tyr Phe
1 5

<210> 26667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26667
Tyr Phe Val Leu Glu Gln His Glu Tyr
1 5

<210> 26668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26668
Tyr Arg Gly Pro Gln Asp Phe Asn Tyr
1 5

<210> 26669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26669

Tyr Arg Gly Pro Gln Asp Phe Asn Tyr Phe
1 5 10

<210> 26670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26670
Ser Tyr Arg Gly Pro Gln Asp Phe Asn Tyr
1 5 10

<210> 26671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26671
Asn Tyr Phe Val Leu Glu Gln His Glu Tyr
1 5 10

<210> 26672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26672
Gly Pro Gln Asp Phe Asn Tyr Phe Val Leu
1 5 10

<210> 26673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26673
Arg Ser Lys Asp Ala Pro Pro Phe Ala
1 5

<210> 26674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26674
Asp Ala Pro Pro Phe Ala Pro Pro Ile
1 5

<210> 26675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26675
Arg Ser Lys Asp Ala Pro Pro Phe Ala Pro
1 5 10

<210> 26676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26676
Ala Pro Pro Ile Pro Ser Gly Thr Thr Phe
1 5 10

<210> 26677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26677
Lys Asp Ala Pro Pro Phe Ala Pro Pro Ile
1 5 10

<210> 26678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26678
Lys Gly Ser Pro Asp Val Glu Phe Lys
1 5

<210> 26679
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26679
Lys Phe Arg Lys Gly Ser Pro Asp Val
1 5

<210> 26680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26680
Arg Lys Gly Ser Pro Asp Val Glu Phe
1 5

<210> 26681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26681
Val Lys Phe Arg Lys Gly Ser Pro Asp Val
1 5 10

<210> 26682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26682
Phe Arg Lys Gly Ser Pro Asp Val Glu Phe
1 5 10

<210> 26683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26683
Gln Val Ile Cys Glu Val Ala His Ile
1 5

<210> 26684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26684
Val Ile Cys Glu Val Ala His Ile Thr Leu
1 5 10

<210> 26685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26685
Ser Gln Val Ile Cys Glu Val Ala His Ile
1 5 10

<210> 26686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26686
Lys Asn Asn Asn Ser Ser Ser Asn Lys

1 5

<210> 26687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26687
Phe Ala Asp Ser His His Arg Ser Leu
1 5

<210> 26688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26688
Phe Ala Asp Ser His His Arg Ser Leu Leu
1 5 10

<210> 26689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26689
Gly Ala Ala Ala Val Pro Gly Pro Val
1 5

<210> 26690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26690
Lys Glu Ala Gly Ala Ala Ala Val Pro Gly
1 5 10

<210> 26691

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26691
Lys Ala Arg Cys Ala Ile Gln Gln Lys
1 5

<210> 26692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26692
Arg Cys Ala Ile Gln Gln Lys Leu Lys
1 5

<210> 26693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26693
Gln Glu Arg Lys Ala Arg Cys Ala Ile
1 5

<210> 26694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26694
Lys Ala Arg Cys Ala Ile Gln Gln Lys Leu
1 5 10

<210> 26695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26695
Thr Leu Ala Pro Pro Tyr Met Leu Leu
1 5

<210> 26696
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26696
Ser Met Pro Lys Ser Arg Asn Gln Val
1 5

<210> 26697
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26697
Lys Gln Ile Pro Ser Gln Ser Met Leu
1 5

<210> 26698
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26698
Gln Ile Pro Ser Gln Ser Met Leu Val
1 5

<210> 26699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26699
Lys Ser Arg Asn Gln Val Leu Phe Arg
1 5

<210> 26700
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26700
Ser Leu Ser Gln Ser Leu Ser Arg Lys
1 5

<210> 26701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26701
Gln Ser Leu Ser Gln Ser Leu Ser Arg
1 5

<210> 26702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26702
Arg Thr Leu Ala Pro Pro Tyr Met Leu
1 5

<210> 26703
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26703
Pro Tyr Met Leu Leu Pro Gln Ser Leu
1 5

<210> 26704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26704
Lys Lys Ala Leu Arg Ser Met Pro Lys
1 5

<210> 26705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26705
Ala Leu Arg Ser Met Pro Lys Ser Arg
1 5

<210> 26706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26706
Arg Ser Met Pro Lys Ser Arg Asn Gln
1 5

<210> 26707
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26707
Arg Asn Leu Thr Pro Ser Gln Leu Arg
1 5

<210> 26708
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26708
Gln Leu Arg Thr Leu Ala Pro Pro Tyr
1 5

<210> 26709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26709
Thr Thr Val Glu Lys Lys Ala Leu Arg
1 5

<210> 26710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26710
Met Pro Lys Ser Arg Asn Gln Val Leu
1 5

<210> 26711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26711
Thr Pro Ser Gln Leu Arg Thr Leu Ala
1 5

<210> 26712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26712
Leu Pro Gln Ser Leu Ser Gln Ser Leu
1 5

<210> 26713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26713
Val Glu Lys Lys Ala Leu Arg Ser Met
1 5

<210> 26714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26714
Asn Gln Val Leu Phe Arg Arg Asn Leu
1 5

<210> 26715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26715
Arg Arg Asn Leu Thr Pro Ser Gln Leu
1 5

<210> 26716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26716
Ser Gln Leu Arg Thr Leu Ala Pro Pro
1 5

<210> 26717
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26717
Leu Arg Thr Leu Ala Pro Pro Tyr Met
1 5

<210> 26718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26718
Ser Gln Ser Leu Ser Arg Lys Gln Ile
1 5

<210> 26719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26719
Arg Lys Gln Ile Pro Ser Gln Ser Met
1 5

<210> 26720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26720
Leu Leu Pro Gln Ser Leu Ser Gln Ser Leu
1 5 10

<210> 26721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26721
Lys Gln Ile Pro Ser Gln Ser Met Leu Val
1 5 10

<210> 26722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26722
Ser Met Pro Lys Ser Arg Asn Gln Val Leu
1 5 10

<210> 26723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26723
Lys Ser Arg Asn Gln Val Leu Phe Arg Arg
1 5 10

<210> 26724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26724
Gln Ser Leu Ser Gln Ser Leu Ser Arg Lys
1 5 10

<210> 26725
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26725
Arg Thr Leu Ala Pro Pro Tyr Met Leu Leu
1 5 10

<210> 26726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26726
Lys Ala Leu Arg Ser Met Pro Lys Ser Arg
1 5 10

<210> 26727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26727
Arg Ser Met Pro Lys Ser Arg Asn Gln Val
1 5 10

<210> 26728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26728
Gln Leu Arg Thr Leu Ala Pro Pro Tyr Met
1 5 10

<210> 26729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26729
Ser Gln Leu Arg Thr Leu Ala Pro Pro Tyr
1 5 10

<210> 26730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26730
Gln Thr Thr Val Glu Lys Lys Ala Leu Arg
1 5 10

<210> 26731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26731
Met Pro Lys Ser Arg Asn Gln Val Leu Phe
1 5 10

<210> 26732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26732
Pro Pro Tyr Met Leu Leu Pro Gln Ser Leu
1 5 10

<210> 26733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26733

Tyr Gln Thr Thr Val Glu Lys Lys Ala Leu
1 5 10

<210> 26734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26734
Phe Arg Arg Asn Leu Thr Pro Ser Gln Leu
1 5 10

<210> 26735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26735
Tyr Met Leu Leu Pro Gln Ser Leu Ser Gln
1 5 10

<210> 26736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26736
Ser Arg Lys Gln Ile Pro Ser Gln Ser Met
1 5 10

<210> 26737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26737
Arg Lys Gln Ile Pro Ser Gln Ser Met Leu
1 5 10

<210> 26738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26738
Leu Leu Val Thr Leu Val Val Leu Leu
1 5

<210> 26739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26739
Leu Leu Ile Met Thr Gly Thr Met Leu
1 5

<210> 26740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26740
Val Leu Leu Ile Met Thr Gly Thr Met
1 5

<210> 26741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26741
Ser Leu Leu Val Thr Leu Val Val Leu Leu
1 5 10

<210> 26742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26742
Leu Leu Val Thr Leu Val Val Leu Leu Ile
1 5 10

<210> 26743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26743
Leu Ile Met Gly Cys Cys Pro Gly Ala
1 5

<210> 26744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26744
Gly Leu Met Glu Ile Trp Ile Ser Ala
1 5

<210> 26745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26745
Ser Leu Thr Phe Ser Pro Ser Gly Leu
1 5

<210> 26746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26746
Phe Ser Pro Ser Gly Leu Met Glu Ile
1 5

<210> 26747
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26747
Leu Thr Phe Ser Pro Ser Gly Leu Met
1 5

<210> 26748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26748
Met Glu Ile Trp Ile Ser Ala Ser Val
1 5

<210> 26749
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26749
Cys Pro Gly Ala Pro Ser Leu Thr Phe
1 5

<210> 26750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26750
Ala Pro Ser Leu Thr Phe Ser Pro Ser

1 5

<210> 26751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26751
Ser Pro Ser Gly Leu Met Glu Ile Trp
1 5

<210> 26752
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26752
Val Leu Ile Met Gly Cys Cys Pro Gly Ala
1 5 10

<210> 26753
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26753
Gly Leu Met Glu Ile Trp Ile Ser Ala Ser
1 5 10

<210> 26754
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26754
Leu Met Glu Ile Trp Ile Ser Ala Ser Val
1 5 10

<210> 26755

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26755
Ser Leu Thr Phe Ser Pro Ser Gly Leu Met
1 5 10

<210> 26756
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26756
Thr Phe Ser Pro Ser Gly Leu Met Glu Ile
1 5 10

<210> 26757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26757
Met Gly Cys Cys Pro Gly Ala Pro Ser Leu
1 5 10

<210> 26758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26758
Ser Pro Ser Gly Leu Met Glu Ile Trp Ile
1 5 10

<210> 26759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26759
Phe Ile Phe Ser Thr Arg Asn Asn Leu
1 5

<210> 26760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26760
Ser Thr Arg Asn Asn Leu Gly Phe Thr
1 5

<210> 26761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26761
Arg Asn Asn Leu Gly Phe Thr Pro Ala
1 5

<210> 26762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26762
Phe Ser Thr Arg Asn Asn Leu Gly Phe
1 5

<210> 26763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26763
Asn Leu Gly Phe Thr Pro Ala Asp Thr Val
1 5 10

<210> 26764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26764
Thr Phe Ile Phe Ser Thr Arg Asn Asn Leu
1 5 10

<210> 26765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26765
Ile Phe Ser Thr Arg Asn Asn Leu Gly Phe
1 5 10

<210> 26766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26766
Leu Leu Lys Glu Ser Asp Leu Met Met
1 5

<210> 26767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26767
Leu Leu Lys Glu Ser Asp Leu Met Met Val
1 5 10

<210> 26768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26768
Leu Met Met Val Asp Pro Thr Asn Asp Ile
1 5 10

<210> 26769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26769
Met Gly Pro Gln Arg Gln Ala Met Lys
1 5

<210> 26770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26770
His Met Gly Pro Gln Arg Gln Ala Met
1 5

<210> 26771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26771
Pro Gln Arg Gln Ala Met Lys Glu Met
1 5

<210> 26772
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26772
His Met Gly Pro Gln Arg Gln Ala Met Lys
1 5 10

<210> 26773
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26773
His Val His Met Gly Pro Gln Arg Gln Ala
1 5 10

<210> 26774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26774
Gly Pro Gln Arg Gln Ala Met Lys Glu Met
1 5 10

<210> 26775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26775
Val His Met Gly Pro Gln Arg Gln Ala Met
1 5 10

<210> 26776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26776
Leu Arg Val Glu His Gly Pro Pro Thr
1 5

<210> 26777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26777
Arg Val Glu His Gly Pro Pro Thr Pro Arg
1 5 10

<210> 26778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26778
Ser Gly Leu Ser Glu Trp Leu Gly Lys
1 5

<210> 26779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26779
Ser Ser His Cys His His Pro Leu Pro
1 5

<210> 26780
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26780
His Pro Leu Pro Pro Gly Gly His Leu
1 5

<210> 26781
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26781
Lys Gln Ala Asp Pro Thr Ala Glu Cys
1 5

<210> 26782
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26782
Ser Ser Ser His Cys His His Pro Leu
1 5

<210> 26783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26783
Ser Glu Trp Leu Gly Lys Gln Ala Asp
1 5

<210> 26784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26784
Gly Leu Ser Glu Trp Leu Gly Lys Gln Ala
1 5 10

<210> 26785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26785
Arg Ser Gly Leu Ser Glu Trp Leu Gly Lys
1 5 10

<210> 26786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26786
Lys Gln Ala Asp Pro Thr Ala Glu Cys Ala
1 5 10

<210> 26787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26787
Ala Ser Ser Ser His Cys His His Pro Leu
1 5 10

<210> 26788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26788
Ser Glu Trp Leu Gly Lys Gln Ala Asp Pro
1 5 10

<210> 26789
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26789
Leu Pro Pro Gly Gly His Leu His Arg Val
1 5 10

<210> 26790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26790
Leu Leu Phe Ala Trp Leu Trp Leu Pro
1 5

<210> 26791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26791
Phe Ala Trp Leu Trp Leu Pro Phe Val
1 5

<210> 26792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26792
Trp Leu Trp Leu Pro Phe Val Tyr Met
1 5

<210> 26793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26793
Leu Phe Ala Trp Leu Trp Leu Pro Phe
1 5

<210> 26794
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26794
Ala Trp Leu Trp Leu Pro Phe Val Tyr
1 5

<210> 26795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26795
Trp Leu Pro Phe Val Tyr Met Arg Phe
1 5

<210> 26796
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26796
Pro Phe Val Tyr Met Arg Phe Asn Phe
1 5

<210> 26797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26797

Leu Trp Leu Pro Phe Val Tyr Met Arg
1 5

<210> 26798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26798
Phe Ala Trp Leu Trp Leu Pro Phe Val Tyr
1 5 10

<210> 26799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26799
Leu Leu Phe Ala Trp Leu Trp Leu Pro Phe
1 5 10

<210> 26800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26800
Leu Phe Ala Trp Leu Trp Leu Pro Phe Val
1 5 10

<210> 26801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26801
Ala Trp Leu Trp Leu Pro Phe Val Tyr Met
1 5 10

<210> 26802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26802
Leu Trp Leu Pro Phe Val Tyr Met Arg Phe
1 5 10

<210> 26803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26803
Pro Phe Val Tyr Met Arg Phe Asn Phe Lys
1 5 10

<210> 26804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26804
Trp Leu Trp Leu Pro Phe Val Tyr Met Arg
1 5 10

<210> 26805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26805
Leu Pro Phe Val Tyr Met Arg Phe Asn Phe
1 5 10

<210> 26806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26806
Leu Leu Ile Gln Pro Cys Ile Gln Ile
1 5

<210> 26807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26807
Cys Ile Gln Ile Ile Glu Gln Ser Arg
1 5

<210> 26808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26808
Phe Leu Leu Ile Gln Pro Cys Ile Gln Ile
1 5 10

<210> 26809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26809
Leu Leu Ile Gln Pro Cys Ile Gln Ile Ile
1 5 10

<210> 26810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26810
Gln Ile Ile Glu Gln Ser Arg Arg Lys Tyr
1 5 10

<210> 26811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26811
Cys Ile Gln Ile Ile Glu Gln Ser Arg Arg
1 5 10

<210> 26812
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26812
Leu Leu Thr Arg Gly Phe Ser Tyr Val
1 5

<210> 26813
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26813
Arg Leu Val Val Met Leu Gly Gly Ala
1 5

<210> 26814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26814
Leu Thr Arg Gly Phe Ser Tyr Val Arg

1 5

<210> 26815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26815
Tyr Val Arg Arg His Arg His His Leu
1 5

<210> 26816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26816
Arg His Arg His His Leu Trp Ser Gly
1 5

<210> 26817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26817
Leu Leu Leu Thr Arg Gly Phe Ser Tyr
1 5

<210> 26818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26818
Gly Phe Ser Tyr Val Arg Arg His Arg
1 5

<210> 26819

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26819
Cys Gln His Arg Asp Gly Gly Arg Leu
1 5

<210> 26820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26820
Gly Arg Leu Leu Leu Thr Arg Gly Phe
1 5

<210> 26821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26821
Arg Gly Phe Ser Tyr Val Arg Arg His
1 5

<210> 26822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26822
Arg His His Leu Trp Ser Gly Ile Leu
1 5

<210> 26823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26823
His His Leu Trp Ser Gly Ile Leu Leu
1 5

<210> 26824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26824
Leu Leu Leu Thr Arg Gly Phe Ser Tyr Val
1 5 10

<210> 26825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26825
Arg Leu Leu Leu Thr Arg Gly Phe Ser Tyr
1 5 10

<210> 26826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26826
Ser Tyr Val Arg Arg His Arg His His Leu
1 5 10

<210> 26827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26827
Leu Thr Arg Gly Phe Ser Tyr Val Arg Arg
1 5 10

<210> 26828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26828
Arg Gly Phe Ser Tyr Val Arg Arg His Arg
1 5 10

<210> 26829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26829
Arg His Arg His His Leu Trp Ser Gly Ile
1 5 10

<210> 26830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26830
Met Leu Gly Gly Ala Thr Cys Gln His Arg
1 5 10

<210> 26831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26831
Ala Thr Cys Gln His Arg Asp Gly Gly Arg
1 5 10

<210> 26832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26832
Leu Leu Thr Arg Gly Phe Ser Tyr Val Arg
1 5 10

<210> 26833
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26833
Val Met Leu Gly Gly Ala Thr Cys Gln His
1 5 10

<210> 26834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26834
Cys Gln His Arg Asp Gly Gly Arg Leu Leu
1 5 10

<210> 26835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26835
Phe Ser Tyr Val Arg Arg His Arg His His
1 5 10

<210> 26836
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26836
Tyr Val Arg Arg His Arg His His Leu Trp
1 5 10

<210> 26837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26837
His Arg His His Leu Trp Ser Gly Ile Leu
1 5 10

<210> 26838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26838
Arg His His Leu Trp Ser Gly Ile Leu Leu
1 5 10

<210> 26839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26839
Ala Phe Tyr Phe Ser Gly Phe Phe Ile
1 5

<210> 26840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26840
Phe Tyr Phe Ser Gly Phe Phe Ile Leu
1 5

<210> 26841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26841
Tyr Phe Ser Gly Phe Phe Ile Leu Leu
1 5

<210> 26842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26842
Ile Ala Phe Tyr Phe Ser Gly Phe Phe
1 5

<210> 26843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26843
Ile Ala Phe Tyr Phe Ser Gly Phe Phe Ile
1 5 10

<210> 26844
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26844
Ala Phe Tyr Phe Ser Gly Phe Phe Ile Leu
1 5 10

<210> 26845
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26845
Phe Tyr Phe Ser Gly Phe Phe Ile Leu Leu
1 5 10

<210> 26846
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26846
Tyr Phe Ser Gly Phe Phe Ile Leu Leu Leu
1 5 10

<210> 26847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26847
Asp Ile Ala Phe Tyr Phe Ser Gly Phe Phe
1 5 10

<210> 26848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26848
Gly Met Gly Leu Gly Leu Ser Ser Ile
1 5

<210> 26849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26849
Gly Leu Ser Ser Ile Phe Ala Leu Cys
1 5

<210> 26850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26850
Ser Ile Phe Ala Leu Cys Leu Gly His
1 5

<210> 26851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26851
Met Gly Leu Gly Leu Ser Ser Ile Phe
1 5

<210> 26852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26852
Leu Gly Leu Ser Ser Ile Phe Ala Leu
1 5

<210> 26853
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26853
Leu Ser Ser Ile Phe Ala Leu Cys Leu
1 5

<210> 26854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26854
Gly Leu Gly Leu Ser Ser Ile Phe Ala Leu
1 5 10

<210> 26855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26855
Gly Leu Ser Ser Ile Phe Ala Leu Cys Leu
1 5 10

<210> 26856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26856
Gly Met Gly Leu Gly Leu Ser Ser Ile Phe
1 5 10

<210> 26857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26857
Gln Gly Met Gly Leu Gly Leu Ser Ser Ile
1 5 10

<210> 26858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26858
Lys Asn Pro Phe Ser Phe Phe Cys Trp
1 5

<210> 26859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26859
Pro Phe Ser Phe Phe Cys Trp His Phe
1 5

<210> 26860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26860
Ser Phe Phe Cys Trp His Phe Pro Ser
1 5

<210> 26861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26861

Phe Phe Cys Trp His Phe Pro Ser Leu
1 5

<210> 26862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26862
Leu Asp His Cys Pro Gly His Arg Phe
1 5

<210> 26863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26863
Gly His Arg Phe Gln Cys Trp Asn Phe
1 5

<210> 26864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26864
Phe Gln Cys Trp Asn Phe Ala Cys His
1 5

<210> 26865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26865
Trp Asn Phe Ala Cys His Leu Ser Leu
1 5

<210> 26866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26866
Asn Pro Phe Ser Phe Phe Cys Trp His
1 5

<210> 26867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26867
Phe Pro Ser Leu Asp His Cys Pro Gly
1 5

<210> 26868
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26868
Cys Pro Gly His Arg Phe Gln Cys Trp
1 5

<210> 26869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26869
Ser Phe Phe Cys Trp His Phe Pro Ser Leu
1 5 10

<210> 26870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26870
Phe Gln Cys Trp Asn Phe Ala Cys His Leu
1 5 10

<210> 26871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26871
Cys Trp Asn Phe Ala Cys His Leu Ser Leu
1 5 10

<210> 26872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26872
Phe Ala Cys His Leu Ser Leu Pro Gly Arg
1 5 10

<210> 26873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26873
Phe Ser Phe Phe Cys Trp His Phe Pro Ser
1 5 10

<210> 26874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26874
Arg Lys Asn Pro Phe Ser Phe Phe Cys Trp
1 5 10

<210> 26875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26875
Asn Pro Phe Ser Phe Phe Cys Trp His Phe
1 5 10

<210> 26876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26876
Ser Leu Asp His Cys Pro Gly His Arg Phe
1 5 10

<210> 26877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26877
Phe Pro Ser Leu Asp His Cys Pro Gly His
1 5 10

<210> 26878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26878
Leu Glu Glu Ala Pro Glu Arg Glu Ala

1 5

<210> 26879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26879
Arg Gly Leu Glu Arg Gly Asn Gln His Arg
1 5 10

<210> 26880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26880
Ala Leu Ala Gly Leu Ile Gly Gly Leu
1 5

<210> 26881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26881
Gly Leu Ile Gly Gly Leu Phe Phe Ala
1 5

<210> 26882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26882
Leu Ile Gly Gly Leu Phe Phe Ala Val
1 5

<210> 26883

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26883
Thr Ala Tyr Trp Ala Leu Ala Gly Leu
1 5

<210> 26884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26884
Ala Tyr Trp Ala Leu Ala Gly Leu Ile
1 5

<210> 26885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26885
Leu Ala Gly Leu Ile Gly Gly Leu Phe
1 5

<210> 26886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26886
Ala Gly Leu Ile Gly Gly Leu Phe Phe
1 5

<210> 26887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26887
Gly Leu Ile Gly Gly Leu Phe Phe Ala Val
1 5 10

<210> 26888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26888
Gly Thr Ala Tyr Trp Ala Leu Ala Gly Leu
1 5 10

<210> 26889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26889
Ala Leu Ala Gly Leu Ile Gly Gly Leu Phe
1 5 10

<210> 26890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26890
Thr Ala Tyr Trp Ala Leu Ala Gly Leu Ile
1 5 10

<210> 26891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26891
Leu Ala Gly Leu Ile Gly Gly Leu Phe Phe
1 5 10

<210> 26892
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26892
Tyr Met Asn Arg Gln Ala Ser Gln Met
1 5

<210> 26893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26893
Ala Leu Lys Tyr Met Asn Arg Gln Ala
1 5

<210> 26894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26894
Lys Tyr Met Asn Arg Gln Ala Ser Gln
1 5

<210> 26895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26895
Arg Gln Ala Ser Gln Met Leu Leu Met
1 5

<210> 26896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26896
Met Asn Arg Gln Ala Ser Gln Met Leu
1 5

<210> 26897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26897
Gln Ala Ser Gln Met Leu Leu Met Phe
1 5

<210> 26898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26898
Leu Lys Tyr Met Asn Arg Gln Ala Ser
1 5

<210> 26899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26899
Tyr Met Asn Arg Gln Ala Ser Gln Met Leu
1 5 10

<210> 26900
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26900
Lys Tyr Met Asn Arg Gln Ala Ser Gln Met
1 5 10

<210> 26901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26901
Arg Gln Ala Ser Gln Met Leu Leu Met Phe
1 5 10

<210> 26902
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26902
Met Asn Arg Gln Ala Ser Gln Met Leu Leu
1 5 10

<210> 26903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26903
Leu Lys Tyr Met Asn Arg Gln Ala Ser Gln
1 5 10

<210> 26904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26904
Asn Arg Gln Ala Ser Gln Met Leu Leu Met
1 5 10

<210> 26905
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26905
Arg Lys Gly Val Ile Ile Leu His Val
1 5

<210> 26906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26906
Val Ile Ile Leu His Val Ile Gly Met Ile
1 5 10

<210> 26907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26907
Ser Leu Glu Glu Arg Arg Lys Gly Val Ile
1 5 10

<210> 26908
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26908
Arg Lys Gly Val Ile Ile Leu His Val Ile
1 5 10

<210> 26909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26909
Glu Glu Arg Arg Lys Gly Val Ile Ile Leu
1 5 10

<210> 26910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26910
Ser Leu Pro Gln Ser Leu Pro Arg Ala
1 5

<210> 26911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26911
Thr Ser Leu Pro Gln Ser Leu Pro Arg
1 5

<210> 26912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26912
Leu Pro Gln Ser Leu Pro Arg Ala Thr
1 5

<210> 26913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26913
Gly Thr Ser Leu Pro Gln Ser Leu Pro Arg
1 5 10

<210> 26914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26914
Ala Met Thr Val Phe Phe Pro Trp Ile
1 5

<210> 26915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26915
Ile Gln Leu Asp Phe Asp Phe Arg Leu
1 5

<210> 26916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26916
Arg Leu Met Arg Lys Glu Asn Pro Lys
1 5

<210> 26917
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26917
Lys Leu His Thr Trp Cys Ser Trp Arg
1 5

<210> 26918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26918
Cys Ser Trp Arg Ser Leu Lys Lys Lys
1 5

<210> 26919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26919
Thr Trp Cys Ser Trp Arg Ser Leu Lys
1 5

<210> 26920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26920
Thr Ala Met Thr Val Phe Phe Pro Trp
1 5

<210> 26921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26921
Phe Phe Pro Trp Ile Gln Leu Asp Phe
1 5

<210> 26922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26922
Pro Trp Ile Gln Leu Asp Phe Asp Phe
1 5

<210> 26923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26923
Ser Trp His His Ile Glu Gly Gly Phe
1 5

<210> 26924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26924
Leu Met Arg Lys Glu Asn Pro Lys Leu
1 5

<210> 26925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26925

His Thr Trp Cys Ser Trp Arg Ser Leu
1 5

<210> 26926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26926
Trp Ile Gln Leu Asp Phe Asp Phe Arg
1 5

<210> 26927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26927
Asp Phe Asp Phe Arg Leu Met Arg Lys
1 5

<210> 26928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26928
Thr Val Phe Phe Pro Trp Ile Gln Leu
1 5

<210> 26929
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26929
Lys Glu Asn Pro Lys Leu His Thr Trp
1 5

<210> 26930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26930
Arg Ser Leu Lys Lys Lys Asp Ser Trp
1 5

<210> 26931
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26931
Lys Lys Lys Asp Ser Trp His His Ile
1 5

<210> 26932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26932
Arg Leu Met Arg Lys Glu Asn Pro Lys Leu
1 5 10

<210> 26933
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26933
His Thr Trp Cys Ser Trp Arg Ser Leu Lys
1 5 10

<210> 26934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26934
Thr Trp Cys Ser Trp Arg Ser Leu Lys Lys
1 5 10

<210> 26935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26935
Val Thr Ala Met Thr Val Phe Phe Pro Trp
1 5 10

<210> 26936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26936
Thr Ala Met Thr Val Phe Phe Pro Trp Ile
1 5 10

<210> 26937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26937
Val Phe Phe Pro Trp Ile Gln Leu Asp Phe
1 5 10

<210> 26938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 26938
Leu Met Arg Lys Glu Asn Pro Lys Leu His
1 5 10

<210> 26939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26939
Met Thr Val Phe Phe Pro Trp Ile Gln Leu
1 5 10

<210> 26940
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26940
Ile Gln Leu Asp Phe Asp Phe Arg Leu Met
1 5 10

<210> 26941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26941
Arg Lys Glu Asn Pro Lys Leu His Thr Trp
1 5 10

<210> 26942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26942
Leu His Thr Trp Cys Ser Trp Arg Ser Leu

1 5 10

<210> 26943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26943
Leu Lys Lys Lys Asp Ser Trp His His Ile
1 5 10

<210> 26944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26944
Phe Pro Trp Ile Gln Leu Asp Phe Asp Phe
1 5 10

<210> 26945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26945
Asn Pro Lys Leu His Thr Trp Cys Ser Trp
1 5 10

<210> 26946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26946
Gly Leu Tyr Glu Gly Val Thr Pro Asn
1 5

<210> 26947

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26947
Gly Leu Arg Gly Leu Tyr Glu Gly Val
1 5

<210> 26948
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26948
Leu Tyr Glu Gly Val Thr Pro Asn Ile
1 5

<210> 26949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26949
Tyr Glu Gly Val Thr Pro Asn Ile Trp
1 5

<210> 26950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26950
Gly Leu Tyr Glu Gly Val Thr Pro Asn Ile
1 5 10

<210> 26951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26951
Leu Tyr Glu Gly Val Thr Pro Asn Ile Trp
1 5 10

<210> 26952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26952
Ile Gln Asn Glu Gly Ile Lys Ser Leu
1 5

<210> 26953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26953
Lys Ile Ile Gln Asn Glu Gly Ile Lys
1 5

<210> 26954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26954
Phe Lys Ile Ile Gln Asn Glu Gly Ile
1 5

<210> 26955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26955
Ile Gln Asn Glu Gly Ile Lys Ser Leu Trp
1 5 10

<210> 26956
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26956
Phe Leu Ala Cys Cys Thr Gly Gly Phe
1 5

<210> 26957
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26957
Tyr Met His Ile Phe Leu Ala Cys Cys
1 5

<210> 26958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26958
Ser Tyr Met His Ile Phe Leu Ala Cys
1 5

<210> 26959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26959
Tyr Met His Ile Phe Leu Ala Cys Cys Thr
1 5 10

<210> 26960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26960
Phe Leu Ala Cys Cys Thr Gly Gly Phe Leu
1 5 10

<210> 26961
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26961
Ser Tyr Met His Ile Phe Leu Ala Cys Cys
1 5 10

<210> 26962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26962
Ile Phe Leu Ala Cys Cys Thr Gly Gly Phe
1 5 10

<210> 26963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26963
Cys Cys Thr Gly Gly Phe Leu Gln Ala Tyr
1 5 10

<210> 26964
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26964
Gly Met Ser Phe Pro Leu Thr Ser Ile
1 5

<210> 26965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26965
Thr Ser Ile Ala Val Tyr Asn Ser Val
1 5

<210> 26966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26966
Met Ser Phe Pro Leu Thr Ser Ile Ala
1 5

<210> 26967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26967
Phe Pro Leu Thr Ser Ile Ala Val Tyr
1 5

<210> 26968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26968
Met Ser Phe Pro Leu Thr Ser Ile Ala Val
1 5 10

<210> 26969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26969
Gly Met Ser Phe Pro Leu Thr Ser Ile Ala
1 5 10

<210> 26970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26970
Leu Thr Ser Ile Ala Val Tyr Asn Ser Val
1 5 10

<210> 26971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26971
Lys Gly Met Ser Phe Pro Leu Thr Ser Ile
1 5 10

<210> 26972
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26972
Ser Phe Pro Leu Thr Ser Ile Ala Val Tyr
1 5 10

<210> 26973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26973
Thr Ser Ile Ala Val Tyr Asn Ser Val Val
1 5 10

<210> 26974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26974
Ser Pro Pro Ser Thr Leu Ser Asp Leu
1 5

<210> 26975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26975
Glu Pro Glu Ala Ser Pro Pro Ser Thr Leu
1 5 10

<210> 26976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26976
Asn Leu Ala Asn Val Phe Arg Tyr Phe
1 5

<210> 26977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26977
Arg Gly Asn Leu Ala Asn Val Phe Arg
1 5

<210> 26978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26978
Val Phe Arg Tyr Phe Pro Thr Gln Ala
1 5

<210> 26979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26979
Gly Asn Leu Ala Asn Val Phe Arg Tyr
1 5

<210> 26980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26980
Trp Arg Gly Asn Leu Ala Asn Val Phe
1 5

<210> 26981
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26981
Phe Arg Tyr Phe Pro Thr Gln Ala Leu
1 5

<210> 26982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26982
Asn Val Phe Arg Tyr Phe Pro Thr Gln Ala
1 5 10

<210> 26983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26983
Phe Trp Arg Gly Asn Leu Ala Asn Val Phe
1 5 10

<210> 26984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26984
Val Phe Arg Tyr Phe Pro Thr Gln Ala Leu
1 5 10

<210> 26985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26985
Arg Gly Asn Leu Ala Asn Val Phe Arg Tyr
1 5 10

<210> 26986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26986
Gly Asn Leu Ala Asn Val Phe Arg Tyr Phe
1 5 10

<210> 26987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26987
Trp Leu Tyr Phe Ala Gly Asn Leu Thr
1 5

<210> 26988
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26988
Leu Thr Ser Gly Gly Ala Ala Gly Ala
1 5

<210> 26989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26989

Asn Leu Thr Ser Gly Gly Ala Ala Gly Ala
1 5 10

<210> 26990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26990
Trp Leu Tyr Phe Ala Gly Asn Leu Thr Ser
1 5 10

<210> 26991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26991
Gly Ile Ser Thr Gly Ile Val Ala Ile
1 5

<210> 26992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26992
Gly Ile Val Ala Ile Leu Gln Gly Leu
1 5

<210> 26993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 26993
Ala Ile Leu Gln Gly Leu Ala Phe Ala
1 5

<210> 26994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26994
Ile Leu Gln Gly Leu Ala Phe Ala Leu
1 5

<210> 26995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26995
Val Ala Ile Leu Gln Gly Leu Ala Phe
1 5

<210> 26996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26996
Ile Ser Thr Gly Ile Val Ala Ile Leu
1 5

<210> 26997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26997
Ala Ile Leu Gln Gly Leu Ala Phe Ala Leu
1 5 10

<210> 26998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26998
Ile Leu Gln Gly Leu Ala Phe Ala Leu Leu
1 5 10

<210> 26999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 26999
Gly Ile Ser Thr Gly Ile Val Ala Ile Leu
1 5 10

<210> 27000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27000
Gly Ile Val Ala Ile Leu Gln Gly Leu Ala
1 5 10

<210> 27001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27001
Ile Val Ala Ile Leu Gln Gly Leu Ala Phe
1 5 10

<210> 27002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27002
Ser Gly Ile Ser Thr Gly Ile Val Ala Ile
1 5 10

<210> 27003
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27003
Lys Pro Ile Phe Leu Asn Arg Tyr Leu
1 5

<210> 27004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27004
Asn Leu Asp Ser Glu Lys Pro Ile Phe Leu
1 5 10

<210> 27005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27005
Ser Glu Lys Pro Ile Phe Leu Asn Arg Tyr
1 5 10

<210> 27006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27006
Asp Ser Glu Lys Pro Ile Phe Leu Asn Arg

1 5 10

<210> 27007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27007
Lys Pro Ile Phe Leu Asn Arg Tyr Leu Leu
1 5 10

<210> 27008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27008
Trp Gln Met Arg Ala Ser Thr Pro Ala
1 5

<210> 27009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27009
Ala Leu Val Leu Arg Pro Pro Thr Leu
1 5

<210> 27010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27010
Cys Ser Ser Thr Pro Thr Cys Leu Arg
1 5

<210> 27011

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27011
Leu Thr His Cys Thr Phe Trp Thr Arg
1 5

<210> 27012
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27012
Gly Ser Arg Ser Leu Trp Pro Pro Gln
1 5

<210> 27013
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27013
Pro Gln Arg Pro Ser Asn Ser Arg Lys
1 5

<210> 27014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27014
Gln Met Arg Ala Ser Thr Pro Ala Pro
1 5

<210> 27015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27015
Arg Ala Ser Thr Pro Ala Pro Cys Leu
1 5

<210> 27016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27016
Asn Ser Arg Lys Phe Gly Trp Gln Met
1 5

<210> 27017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27017
Leu Val Leu Arg Pro Pro Thr Leu Trp
1 5

<210> 27018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27018
Arg Lys Phe Gly Trp Gln Met Arg Ala
1 5

<210> 27019
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27019
Ala Pro Cys Leu Thr His Cys Thr Phe
1 5

<210> 27020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27020
Val Leu Arg Pro Pro Thr Leu Trp Thr Leu
1 5 10

<210> 27021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27021
Thr Leu Cys Ser Ser Thr Pro Thr Cys Leu
1 5 10

<210> 27022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27022
Gly Ser Arg Ser Leu Trp Pro Pro Gln Arg
1 5 10

<210> 27023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27023
Arg Ser Leu Trp Pro Pro Gln Arg Pro Ser
1 5 10

<210> 27024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27024
Asn Ser Arg Lys Phe Gly Trp Gln Met Arg
1 5 10

<210> 27025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27025
Gln Met Arg Ala Ser Thr Pro Ala Pro Cys
1 5 10

<210> 27026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27026
Leu Thr His Cys Thr Phe Trp Thr Arg Leu
1 5 10

<210> 27027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27027
Cys Leu Thr His Cys Thr Phe Trp Thr Arg
1 5 10

<210> 27028
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27028
Thr Pro Thr Cys Leu Arg Thr Cys His Leu
1 5 10

<210> 27029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27029
Gly Pro Asp Ser Ser Gly Ser Arg Ser Leu
1 5 10

<210> 27030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27030
Ala Ala Leu Val Leu Arg Pro Pro Thr Leu
1 5 10

<210> 27031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27031
Ala Leu Val Leu Arg Pro Pro Thr Leu Trp
1 5 10

<210> 27032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27032
Pro Gln Arg Pro Ser Asn Ser Arg Lys Phe
1 5 10

<210> 27033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27033
Ser Asn Ser Arg Lys Phe Gly Trp Gln Met
1 5 10

<210> 27034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27034
Arg Lys Phe Gly Trp Gln Met Arg Ala Ser
1 5 10

<210> 27035
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27035
Trp Gln Met Arg Ala Ser Thr Pro Ala Pro
1 5 10

<210> 27036
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27036
Met Arg Ala Ser Thr Pro Ala Pro Cys Leu
1 5 10

<210> 27037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27037
Arg Pro Ser Asn Ser Arg Lys Phe Gly Trp
1 5 10

<210> 27038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27038
Ala Pro Cys Leu Thr His Cys Thr Phe Trp
1 5 10

<210> 27039
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27039
Asp Leu Arg Ala Leu Ala Trp Leu Arg
1 5

<210> 27040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27040
Glu Glu Asp Leu Arg Ala Leu Ala Trp
1 5

<210> 27041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27041
Asp Glu Glu Asp Leu Arg Ala Leu Ala Trp
1 5 10

<210> 27042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27042
Glu Glu Asp Leu Arg Ala Leu Ala Trp Leu
1 5 10

<210> 27043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27043
Thr Tyr Phe Glu Arg His Thr Thr Phe
1 5

<210> 27044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27044
Glu Thr Tyr Phe Glu Arg His Thr Thr
1 5

<210> 27045
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27045
His Thr Thr Phe Met Asp Gly Lys Leu
1 5

<210> 27046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27046
Tyr Phe Glu Arg His Thr Thr Phe Met
1 5

<210> 27047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27047
Thr Thr Phe Met Asp Gly Lys Leu Met
1 5

<210> 27048
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27048
Thr Tyr Phe Glu Arg His Thr Thr Phe Met
1 5 10

<210> 27049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27049
Glu Thr Tyr Phe Glu Arg His Thr Thr Phe
1 5 10

<210> 27050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27050
Arg Ala Glu Gly Gln Leu Ser Val Leu
1 5

<210> 27051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27051
Ala Glu Arg Ala Glu Gly Gln Leu Ser
1 5

<210> 27052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27052
Ala Glu Gly Gln Leu Ser Val Leu His
1 5

<210> 27053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27053

Gln Leu Ser Val Leu His Leu Cys Ala Leu
1 5 10

<210> 27054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27054
Ala Glu Arg Ala Glu Gly Gln Leu Ser Val
1 5 10

<210> 27055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27055
Ala Glu Gly Gln Leu Ser Val Leu His Leu
1 5 10

<210> 27056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27056
Gly Gln Leu Ser Val Leu His Leu Cys Ala
1 5 10

<210> 27057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27057
Leu Ala Arg Glu Lys Lys Leu His Lys
1 5

<210> 27058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27058
Leu His Lys Glu Ala Glu Ile Glu Tyr
1 5

<210> 27059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27059
Arg Glu Lys Lys Leu His Lys Glu Ala
1 5

<210> 27060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27060
Ala Leu Ala Arg Glu Lys Lys Leu His Lys
1 5 10

<210> 27061
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27061
Lys Leu His Lys Glu Ala Glu Ile Glu Tyr
1 5 10

<210> 27062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27062
Val Phe Phe Asp Ile Ala Ile Phe Val
1 5

<210> 27063
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27063
Leu Trp His Gln Val Phe Phe Asp Ile
1 5

<210> 27064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27064
Phe Phe Asp Ile Ala Ile Phe Val Ile
1 5

<210> 27065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27065
Ile Ala Ile Phe Val Ile Gly Gly Ile
1 5

<210> 27066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27066
Gln Val Phe Phe Asp Ile Ala Ile Phe
1 5

<210> 27067
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27067
His Gln Val Phe Phe Asp Ile Ala Ile
1 5

<210> 27068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27068
Leu Leu Trp His Gln Val Phe Phe Asp Ile
1 5 10

<210> 27069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27069
Gln Val Phe Phe Asp Ile Ala Ile Phe Val
1 5 10

<210> 27070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27070
Val Phe Phe Asp Ile Ala Ile Phe Val Ile

1 5 10

<210> 27071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27071
Asp Ile Ala Ile Phe Val Ile Gly Gly Ile
1 5 10

<210> 27072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27072
His Gln Val Phe Phe Asp Ile Ala Ile Phe
1 5 10

<210> 27073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27073
Trp His Gln Val Phe Phe Asp Ile Ala Ile
1 5 10

<210> 27074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27074
Lys Leu Gln Asp Glu Gly Ser Ser Leu
1 5

<210> 27075

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27075
Leu Gln Asp Glu Gly Ser Ser Leu Trp
1 5

<210> 27076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27076
Lys Lys Leu Gln Asp Glu Gly Ser Ser Leu
1 5 10

<210> 27077
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27077
Lys Leu Gln Asp Glu Gly Ser Ser Leu Trp
1 5 10

<210> 27078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27078
Pro Ser Glu Gly Gly Ala Cys Thr Tyr
1 5

<210> 27079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27079
Cys Thr Tyr Leu Cys Ala Tyr Thr Tyr
1 5

<210> 27080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27080
Tyr Leu Cys Ala Tyr Thr Tyr Phe Ile
1 5

<210> 27081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27081
Thr Tyr Leu Cys Ala Tyr Thr Tyr Phe
1 5

<210> 27082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27082
Gly Ala Cys Thr Tyr Leu Cys Ala Tyr
1 5

<210> 27083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27083
Ser Glu Gly Gly Ala Cys Thr Tyr Leu
1 5

<210> 27084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27084
Tyr Leu Cys Ala Tyr Thr Tyr Phe Ile Cys
1 5 10

<210> 27085
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27085
Cys Thr Tyr Leu Cys Ala Tyr Thr Tyr Phe
1 5 10

<210> 27086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27086
Thr Tyr Leu Cys Ala Tyr Thr Tyr Phe Ile
1 5 10

<210> 27087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27087
Gly Gly Ala Cys Thr Tyr Leu Cys Ala Tyr
1 5 10

<210> 27088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27088
Ala Cys Thr Tyr Leu Cys Ala Tyr Thr Tyr
1 5 10

<210> 27089
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27089
Ser Pro Ser Glu Gly Gly Ala Cys Thr Tyr
1 5 10

<210> 27090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27090
Phe Met Gly Val Arg Ile Val Ala Thr
1 5

<210> 27091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27091
Arg Ile Val Ala Thr Ile Leu Ala Ile
1 5

<210> 27092
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27092
Ile Val Ala Thr Ile Leu Ala Ile Ala
1 5

<210> 27093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27093
Ala Thr Ile Leu Ala Ile Ala Gly Ile
1 5

<210> 27094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27094
Gly Val Arg Ile Val Ala Thr Ile Leu
1 5

<210> 27095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27095
Thr Ile Leu Ala Ile Ala Gly Ile Val
1 5

<210> 27096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27096
Met Gly Val Arg Ile Val Ala Thr Ile
1 5

<210> 27097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27097
Phe Met Gly Val Arg Ile Val Ala Thr Ile
1 5 10

<210> 27098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27098
Arg Ile Val Ala Thr Ile Leu Ala Ile Ala
1 5 10

<210> 27099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27099
Ala Thr Ile Leu Ala Ile Ala Gly Ile Val
1 5 10

<210> 27100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27100
Arg Phe Met Gly Val Arg Ile Val Ala Thr
1 5 10

<210> 27101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27101
Gly Val Arg Ile Val Ala Thr Ile Leu Ala
1 5 10

<210> 27102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27102
Met Gly Val Arg Ile Val Ala Thr Ile Leu
1 5 10

<210> 27103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27103
Val Arg Ile Val Ala Thr Ile Leu Ala Ile
1 5 10

<210> 27104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27104
Thr Ile Leu Ala Ile Ala Gly Ile Val Met
1 5 10

<210> 27105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27105
Leu Ser Leu Glu Pro Trp Ile Pro Tyr
1 5

<210> 27106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27106
Ser Leu Glu Pro Trp Ile Pro Tyr Leu
1 5

<210> 27107
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27107
Ser Glu Met Lys Lys Lys Gly Glu Leu
1 5

<210> 27108
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27108
Met Lys Lys Lys Gly Glu Leu Ser Leu
1 5

<210> 27109
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27109
Gly Glu Leu Ser Leu Glu Pro Trp Ile
1 5

<210> 27110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27110
Ile Pro Tyr Leu His Gln Gln Lys Thr
1 5

<210> 27111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27111
Leu Ser Leu Glu Pro Trp Ile Pro Tyr Leu
1 5 10

<210> 27112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27112
Glu Met Lys Lys Lys Gly Glu Leu Ser Leu
1 5 10

<210> 27113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27113
Glu Leu Ser Leu Glu Pro Trp Ile Pro Tyr
1 5 10

<210> 27114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27114
Lys Lys Gly Glu Leu Ser Leu Glu Pro Trp
1 5 10

<210> 27115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27115
Ala Thr Gly Asp Gln Ile Pro Phe Lys
1 5

<210> 27116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27116
Ser Ala Thr Gly Asp Gln Ile Pro Phe
1 5

<210> 27117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27117

Ser Ala Thr Gly Asp Gln Ile Pro Phe Lys
1 5 10

<210> 27118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27118
Gly Ser Ala Thr Gly Asp Gln Ile Pro Phe
1 5 10

<210> 27119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27119
Cys Pro Gly Ser Ala Thr Gly Asp Gln Ile
1 5 10

<210> 27120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27120
Ala Leu Ala Asn Thr Arg Ile Leu Leu
1 5

<210> 27121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27121
Arg Ile Leu Leu Phe Leu Val Leu Leu
1 5

<210> 27122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27122
Leu Ala Phe Ala Leu Ala Asn Thr Arg
1 5

<210> 27123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27123
Asn Thr Arg Ile Leu Leu Phe Leu Val
1 5

<210> 27124
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27124
Leu Ala Asn Thr Arg Ile Leu Leu Phe
1 5

<210> 27125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27125
Phe Ala Leu Ala Asn Thr Arg Ile Leu
1 5

<210> 27126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27126
Thr Arg Ile Leu Leu Phe Leu Val Leu
1 5

<210> 27127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27127
Ala Leu Ala Asn Thr Arg Ile Leu Leu Phe
1 5 10

<210> 27128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27128
Asn Thr Arg Ile Leu Leu Phe Leu Val Leu
1 5 10

<210> 27129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27129
Gly Leu Ala Phe Ala Leu Ala Asn Thr Arg
1 5 10

<210> 27130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27130
Leu Ala Phe Ala Leu Ala Asn Thr Arg Ile
1 5 10

<210> 27131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27131
Phe Ala Leu Ala Asn Thr Arg Ile Leu Leu
1 5 10

<210> 27132
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27132
Ala Pro Arg Asp Gly Val Ile Gly Leu
1 5

<210> 27133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27133
Arg Asp Gly Val Ile Gly Leu Asn Pro Leu
1 5 10

<210> 27134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27134
Ser Val Gln Asp Trp Ile Phe Thr Val

1 5

<210> 27135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27135
Asp Pro Ser Val Gln Asp Trp Ile Phe
1 5

<210> 27136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27136
Gly Leu Ser Val Ser Ala Asp Pro Ser Val
1 5 10

<210> 27137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27137
Thr Leu Gln Tyr His Leu Gln Gln Leu
1 5

<210> 27138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27138
Ala Ile Ser Thr Leu Gln Tyr His Leu
1 5

<210> 27139

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27139
Leu Gln Tyr His Leu Gln Gln Leu Phe
1 5

<210> 27140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27140
Asp Leu Ala Ile Ser Thr Leu Gln Tyr
1 5

<210> 27141
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27141
Leu Gln Tyr His Leu Gln Gln Leu Phe Tyr
1 5 10

<210> 27142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27142
Thr Leu Gln Tyr His Leu Gln Gln Leu Phe
1 5 10

<210> 27143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27143
Ile Asn Val Asp Leu Ala Ile Ser Thr Leu
1 5 10

<210> 27144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27144
Val Asp Leu Ala Ile Ser Thr Leu Gln Tyr
1 5 10

<210> 27145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27145
Leu Ala Ile Ser Thr Leu Gln Tyr His Leu
1 5 10

<210> 27146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27146
Ser Thr Leu Gln Tyr His Leu Gln Gln Leu
1 5 10

<210> 27147
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27147
Lys Gln Ala Met Cys Leu Gln Leu Leu
1 5

<210> 27148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27148
Ala Met Cys Leu Gln Leu Leu Thr Ala
1 5

<210> 27149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27149
Lys Lys Gln Ala Met Cys Leu Gln Leu
1 5

<210> 27150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27150
Ala Met Cys Leu Gln Leu Leu Thr Ala Val
1 5 10

<210> 27151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27151
Ser Lys Lys Gln Ala Met Cys Leu Gln Leu
1 5 10

<210> 27152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27152
Lys Lys Gln Ala Met Cys Leu Gln Leu Leu
1 5 10

<210> 27153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27153
Lys Gln Ala Met Cys Leu Gln Leu Leu Thr
1 5 10

<210> 27154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27154
Val Leu Gly Leu Leu Gly Gly Ser Tyr
1 5

<210> 27155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27155
Leu Leu Gly Gly Ser Tyr His Asp Gly Ala
1 5 10

<210> 27156
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27156
Glu Val Leu Gly Leu Leu Gly Gly Ser Tyr
1 5 10

<210> 27157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27157
Leu Glu Val Leu Gly Leu Leu Gly Gly Ser
1 5 10

<210> 27158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27158
Ala Leu Ser Leu Leu Ile Phe Leu Ala
1 5

<210> 27159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27159
Leu Leu Ile Phe Leu Ala Leu Ser Leu
1 5

<210> 27160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27160
Glu Ala Leu Ser Leu Leu Ile Phe Leu
1 5

<210> 27161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27161
Arg Asp Val Glu Ala Leu Ser Leu Leu
1 5

<210> 27162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27162
Val Glu Ala Leu Ser Leu Leu Ile Phe
1 5

<210> 27163
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27163
Leu Ser Leu Leu Ile Phe Leu Ala Leu
1 5

<210> 27164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27164
Ala Leu Ser Leu Leu Ile Phe Leu Ala Leu
1 5 10

<210> 27165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27165
Ser Leu Leu Ile Phe Leu Ala Leu Ser Leu
1 5 10

<210> 27166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27166
Ala Ser Arg Asp Val Glu Ala Leu Ser Leu
1 5 10

<210> 27167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27167
Glu Ala Leu Ser Leu Leu Ile Phe Leu Ala
1 5 10

<210> 27168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27168
Arg Asp Val Glu Ala Leu Ser Leu Leu Ile
1 5 10

<210> 27169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27169
Val Glu Ala Leu Ser Leu Leu Ile Phe Leu
1 5 10

<210> 27170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27170
Ser Thr Trp His Val Ala His Thr Phe
1 5

<210> 27171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27171
Thr Trp His Val Ala His Thr Phe Leu
1 5

<210> 27172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27172
His Val Ala His Thr Phe Leu Leu Met
1 5

<210> 27173
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27173
Trp His Val Ala His Thr Phe Leu Leu
1 5

<210> 27174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27174
Ser Thr Trp His Val Ala His Thr Phe Leu
1 5 10

<210> 27175
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27175
Val Ala His Thr Phe Leu Leu Met Pro Arg
1 5 10

<210> 27176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27176
Cys Ser Thr Trp His Val Ala His Thr Phe
1 5 10

<210> 27177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27177
Thr Trp His Val Ala His Thr Phe Leu Leu
1 5 10

<210> 27178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27178
Trp His Val Ala His Thr Phe Leu Leu Met
1 5 10

<210> 27179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27179
Phe Ala Asn Arg Ser Cys Thr Asp Val
1 5

<210> 27180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27180
Asp Phe Lys Gly Pro Phe Ala Asn Arg
1 5

<210> 27181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27181

Thr Tyr Asp Pro Asp Phe Lys Gly Pro Phe
1 5 10

<210> 27182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27182
Phe Ala Asn Arg Ser Cys Thr Asp Val Leu
1 5 10

<210> 27183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27183
His Gln Phe Cys Lys Thr Thr Ala Lys
1 5

<210> 27184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27184
Ser Tyr Trp Glu Asp Tyr His Gln Phe
1 5

<210> 27185
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27185
Tyr His Gln Phe Cys Lys Thr Thr Ala
1 5

<210> 27186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27186
Lys Ser Tyr Trp Glu Asp Tyr His Gln Phe
1 5 10

<210> 27187
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27187
Ser Tyr Trp Glu Asp Tyr His Gln Phe Cys
1 5 10

<210> 27188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27188
His Gln Phe Cys Lys Thr Thr Ala Lys Pro
1 5 10

<210> 27189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27189
Trp Glu Asp Tyr His Gln Phe Cys Lys Thr
1 5 10

<210> 27190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27190
Leu Leu Ile Gly Ser Leu Gly Gly Ser
1 5

<210> 27191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27191
Leu Ile Gly Ser Leu Gly Gly Ser Val
1 5

<210> 27192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27192
Ser Leu Gly Gly Ser Val Gly Cys Leu
1 5

<210> 27193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27193
Arg Ser Ala Pro Ser Pro Met Ser Met
1 5

<210> 27194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27194
Ser Ala Pro Ser Pro Met Ser Met Arg
1 5

<210> 27195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27195
Leu Pro Arg Ser Ala Pro Ser Pro Met
1 5

<210> 27196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27196
Leu Leu Ile Gly Ser Leu Gly Gly Ser Val
1 5 10

<210> 27197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27197
Arg Leu Pro Arg Ser Ala Pro Ser Pro Met
1 5 10

<210> 27198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27198
Arg Ser Ala Pro Ser Pro Met Ser Met Arg

1 5 10

<210> 27199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27199
Gly Ser Arg Leu Pro Arg Ser Ala Pro Ser
1 5 10

<210> 27200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27200
Ile Leu Phe Ile Tyr Leu Gly Cys Val
1 5

<210> 27201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27201
Tyr Leu Gly Cys Val Thr Asn Ala Ile
1 5

<210> 27202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27202
Gly Cys Val Thr Asn Ala Ile Thr Phe
1 5

<210> 27203

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27203
Ala Ile Leu Phe Ile Tyr Leu Gly Cys Val
1 5 10

<210> 27204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27204
Phe Ile Tyr Leu Gly Cys Val Thr Asn Ala
1 5 10

<210> 27205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27205
Tyr Leu Gly Cys Val Thr Asn Ala Ile Thr
1 5 10

<210> 27206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27206
Ile Leu Phe Ile Tyr Leu Gly Cys Val Thr
1 5 10

<210> 27207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27207
Ile Tyr Leu Gly Cys Val Thr Asn Ala Ile
1 5 10

<210> 27208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27208
Leu Gly Cys Val Thr Asn Ala Ile Thr Phe
1 5 10

<210> 27209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27209
Lys Lys Arg Lys Asn Leu Ile Pro Ile
1 5

<210> 27210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27210
Lys Arg Lys Asn Leu Ile Pro Ile Val
1 5

<210> 27211
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27211
Lys Lys Arg Lys Asn Leu Ile Pro Ile Val
1 5 10

<210> 27212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27212
Glu Lys Lys Arg Lys Asn Leu Ile Pro Ile
1 5 10

<210> 27213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27213
His Gln Asn Glu Lys Lys Arg Lys Asn Leu
1 5 10

<210> 27214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27214
Lys Asn Leu Ile Pro Ile Val Arg Ser Phe
1 5 10

<210> 27215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27215
Val Thr Thr Ala Gly Val Val Leu Val
1 5

<210> 27216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27216
Leu Val Thr Thr Ala Gly Val Val Leu
1 5

<210> 27217
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27217
Leu Val Thr Thr Ala Gly Val Val Leu Val
1 5 10

<210> 27218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27218
Val Thr Thr Ala Gly Val Val Leu Val Val
1 5 10

<210> 27219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27219
Cys Pro Pro Leu Val Thr Thr Ala Gly Val
1 5 10

<210> 27220
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27220
Ser Leu Leu His Gly Gly Gly Pro Ala
1 5

<210> 27221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27221
Leu Ser Ala Arg Arg Cys Cys Tyr Val
1 5

<210> 27222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27222
His Leu Ser Arg Val Pro Gln Gln Lys
1 5

<210> 27223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27223
Cys Tyr Val Pro Pro Asp Gln His Leu
1 5

<210> 27224
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27224
Gly Ser Arg Arg Gly His Pro Gly Gly
1 5

<210> 27225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27225
Arg Gly His Pro Gly Gly Leu Ser Ala
1 5

<210> 27226
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27226
Gly Leu Ser Ala Arg Arg Cys Cys Tyr
1 5

<210> 27227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27227
Gln Gln Lys Gly Leu Cys Arg Pro Leu
1 5

<210> 27228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27228
Leu Leu His Gly Gly Gly Pro Ala Gly Ile
1 5 10

<210> 27229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27229
Gly Leu Ser Ala Arg Arg Cys Cys Tyr Val
1 5 10

<210> 27230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27230
Gly Ser Arg Arg Gly His Pro Gly Gly Leu
1 5 10

<210> 27231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27231
Arg Gly His Pro Gly Gly Leu Ser Ala Arg
1 5 10

<210> 27232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27232
Ser Ala Arg Arg Cys Cys Tyr Val Pro Pro
1 5 10

<210> 27233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27233
Val Pro Pro Asp Gln His Leu Ser Arg Val
1 5 10

<210> 27234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27234
Trp Thr Val Gly Gly Phe Phe Leu Ala
1 5

<210> 27235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27235
Trp Ala Met Phe Ser Thr Asn Arg Trp
1 5

<210> 27236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27236
Met Phe Ser Thr Asn Arg Trp Thr Val
1 5

<210> 27237
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27237
Arg Trp Thr Val Gly Gly Phe Phe Leu
1 5

<210> 27238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27238
Ala Met Phe Ser Thr Asn Arg Trp Thr
1 5

<210> 27239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27239
Thr Asn Arg Trp Thr Val Gly Gly Phe
1 5

<210> 27240
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27240
Asn Arg Trp Thr Val Gly Gly Phe Phe
1 5

<210> 27241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27241
Ala Met Phe Ser Thr Asn Arg Trp Thr Val
1 5 10

<210> 27242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27242
Leu Trp Ala Met Phe Ser Thr Asn Arg Trp
1 5 10

<210> 27243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27243
Arg Trp Thr Val Gly Gly Phe Phe Leu Ala
1 5 10

<210> 27244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27244
Ser Thr Asn Arg Trp Thr Val Gly Gly Phe
1 5 10

<210> 27245
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27245

Thr Asn Arg Trp Thr Val Gly Gly Phe Phe
1 5 10

<210> 27246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27246
Tyr Ile Ser Phe Phe Cys Leu Gly Ala
1 5

<210> 27247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27247
Cys Leu Gly Ala Val Ser Ala Ala Val
1 5

<210> 27248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27248
Ile Ser Phe Phe Cys Leu Gly Ala Val
1 5

<210> 27249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27249
Val Tyr Ile Ser Phe Phe Cys Leu Gly
1 5

<210> 27250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27250
Tyr Ile Ser Phe Phe Cys Leu Gly Ala Val
1 5 10

<210> 27251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27251
Phe Cys Leu Gly Ala Val Ser Ala Ala Val
1 5 10

<210> 27252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27252
Val Tyr Ile Ser Phe Phe Cys Leu Gly Ala
1 5 10

<210> 27253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27253
Cys Leu Gly Ala Val Ser Ala Ala Val Met
1 5 10

<210> 27254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27254
Cys Pro Val Tyr Ile Ser Phe Phe Cys Leu
1 5 10

<210> 27255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27255
Ala Val Ala Gly Tyr Val Ser Val Leu
1 5

<210> 27256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27256
Tyr Val Ser Val Leu Phe Leu Arg Ile
1 5

<210> 27257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27257
Val Ala Gly Tyr Val Ser Val Leu Phe
1 5

<210> 27258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27258
Gly Tyr Val Ser Val Leu Phe Leu Arg
1 5

<210> 27259
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27259
Ala Gly Tyr Val Ser Val Leu Phe Leu
1 5

<210> 27260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27260
Ala Gly Tyr Val Ser Val Leu Phe Leu Arg
1 5 10

<210> 27261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27261
Ala Val Ala Gly Tyr Val Ser Val Leu Phe
1 5 10

<210> 27262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27262
Gly Tyr Val Ser Val Leu Phe Leu Arg Ile

1 5 10

<210> 27263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27263
Tyr Gly Ala Val Ala Gly Tyr Val Ser Val
1 5 10

<210> 27264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27264
Gly Ala Val Ala Gly Tyr Val Ser Val Leu
1 5 10

<210> 27265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27265
Tyr Tyr Lys Pro Leu Val Tyr Asn Asn
1 5

<210> 27266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27266
Tyr Tyr Lys Pro Leu Val Tyr Asn Asn Thr
1 5 10

<210> 27267

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27267
Lys Pro Leu Val Tyr Asn Asn Thr Asn Val
1 5 10

<210> 27268
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27268
Arg Leu Ser Asp Pro Gln Val Leu Val
1 5

<210> 27269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27269
Val Leu Val Asp Ala Gly Thr Gln Ile
1 5

<210> 27270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27270
Ser Arg Leu Ser Asp Pro Gln Val Leu
1 5

<210> 27271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27271
Leu Val Asp Ala Gly Thr Gln Ile Phe
1 5

<210> 27272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27272
Leu Val Asp Ala Gly Thr Gln Ile Phe Phe
1 5 10

<210> 27273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27273
Val Leu Val Asp Ala Gly Thr Gln Ile Phe
1 5 10

<210> 27274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27274
Leu Ser Arg Leu Ser Asp Pro Gln Val Leu
1 5 10

<210> 27275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27275
Leu Ala Leu Ala Gly Phe Thr Phe Val
1 5

<210> 27276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27276
Ala Leu Ala Gly Phe Thr Phe Val Leu
1 5

<210> 27277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27277
Val Leu Ser Gly Val Phe Thr Gly Thr
1 5

<210> 27278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27278
Met Leu Ala Leu Ala Gly Phe Thr Phe
1 5

<210> 27279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27279
Phe Thr Phe Val Leu Ser Gly Val Phe
1 5

<210> 27280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27280
Ala Ile Met Leu Ala Leu Ala Gly Phe
1 5

<210> 27281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27281
Met Leu Ala Leu Ala Gly Phe Thr Phe Val
1 5 10

<210> 27282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27282
Phe Val Leu Ser Gly Val Phe Thr Gly Thr
1 5 10

<210> 27283
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27283
Val Leu Ser Gly Val Phe Thr Gly Thr Ile
1 5 10

<210> 27284
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27284
Ala Ile Met Leu Ala Leu Ala Gly Phe Thr
1 5 10

<210> 27285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27285
Ala Leu Ala Gly Phe Thr Phe Val Leu Ser
1 5 10

<210> 27286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27286
Ala Gly Phe Thr Phe Val Leu Ser Gly Val
1 5 10

<210> 27287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27287
Tyr Ala Ile Met Leu Ala Leu Ala Gly Phe
1 5 10

<210> 27288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27288
Ile Met Leu Ala Leu Ala Gly Phe Thr Phe
1 5 10

<210> 27289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27289
Gly Phe Thr Phe Val Leu Ser Gly Val Phe
1 5 10

<210> 27290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27290
Phe Thr Phe Val Leu Ser Gly Val Phe Thr
1 5 10

<210> 27291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27291
Leu Ala Leu Ala Gly Phe Thr Phe Val Leu
1 5 10

<210> 27292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27292
Ala Val Pro Ser Glu Ala Thr Lys Lys
1 5

<210> 27293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27293
Ala Thr Lys Lys Asp Gln Asn Leu Lys
1 5

<210> 27294
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27294
Ala Thr Lys Lys Asp Gln Asn Leu Lys Arg
1 5 10

<210> 27295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27295
Asn Leu Thr Asn Gly Ser Trp Pro Ala
1 5

<210> 27296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27296
Trp Pro Ala Ala Leu Pro Ser Asn Leu
1 5

<210> 27297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27297
Ala Ser Asn Leu Thr Asn Gly Ser Trp
1 5

<210> 27298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27298
Asn Leu Thr Asn Gly Ser Trp Pro Ala Ala
1 5 10

<210> 27299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27299
Ser Trp Pro Ala Ala Leu Pro Ser Asn Leu
1 5 10

<210> 27300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27300
Leu Thr Asn Gly Ser Trp Pro Ala Ala Leu
1 5 10

<210> 27301
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27301
Asp Ala Ser Asn Leu Thr Asn Gly Ser Trp
1 5 10

<210> 27302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27302
Phe Pro Asn Cys Ile Pro Pro Pro Gln
1 5

<210> 27303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27303
Glu Val Trp Asn Pro Gln Lys Ala Ile
1 5

<210> 27304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27304
Glu Glu Val Trp Asn Pro Gln Lys Ala
1 5

<210> 27305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27305
Ile Ala Thr Thr Gly Glu Glu Val Trp
1 5

<210> 27306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27306
Glu Glu Val Trp Asn Pro Gln Lys Ala Ile
1 5 10

<210> 27307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27307
Gly Glu Glu Val Trp Asn Pro Gln Lys Ala
1 5 10

<210> 27308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27308
Gly Thr Val Ala Leu Thr Ile Ile His
1 5

<210> 27309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27309

Thr Val Ala Leu Thr Ile Ile His Arg
1 5

<210> 27310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27310
Gly Thr Val Ala Leu Thr Ile Ile His Arg
1 5 10

<210> 27311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27311
Cys Gly Asp Leu Thr Asn Thr Val Phe
1 5

<210> 27312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27312
Arg Cys Gly Asp Leu Thr Asn Thr Val Phe
1 5 10

<210> 27313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27313
Ser Leu Ala Gln Arg Gly Lys Thr Val
1 5

<210> 27314
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27314
Lys Thr Ser Leu Ala Gln Arg Gly Lys
1 5

<210> 27315
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27315
Arg Gln Ala Tyr Tyr Ser Ser Pro Phe
1 5

<210> 27316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27316
Ala Tyr Tyr Ser Ser Pro Phe Ser Leu
1 5

<210> 27317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27317
Arg Ala Pro Arg Arg Gln Ala Tyr Tyr
1 5

<210> 27318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27318
Tyr Tyr Ser Ser Pro Phe Ser Leu Lys
1 5

<210> 27319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27319
Ser Leu Lys Thr Ser Leu Ala Gln Arg
1 5

<210> 27320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27320
Lys Arg Ala Pro Arg Arg Gln Ala Tyr
1 5

<210> 27321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27321
Pro Thr Ala Glu Lys Arg Ala Pro Arg
1 5

<210> 27322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27322
Met Pro Ser Thr Pro Gln His Pro Thr
1 5

<210> 27323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27323
Ser Pro Phe Ser Leu Lys Thr Ser Leu
1 5

<210> 27324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27324
Ala Tyr Tyr Ser Ser Pro Phe Ser Leu Lys
1 5 10

<210> 27325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27325
Ser Thr Pro Gln His Pro Thr Ala Glu Lys
1 5 10

<210> 27326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27326
Phe Ser Leu Lys Thr Ser Leu Ala Gln Arg

1 5 10

<210> 27327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27327
Arg Gln Ala Tyr Tyr Ser Ser Pro Phe Ser
1 5 10

<210> 27328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27328
Gln Ala Tyr Tyr Ser Ser Pro Phe Ser Leu
1 5 10

<210> 27329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27329
Lys Arg Ala Pro Arg Arg Gln Ala Tyr Tyr
1 5 10

<210> 27330
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27330
Pro Thr Ala Glu Lys Arg Ala Pro Arg Arg
1 5 10

<210> 27331

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27331
Met Pro Ser Thr Pro Gln His Pro Thr Ala
1 5 10

<210> 27332
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27332
Ser Pro Phe Ser Leu Lys Thr Ser Leu Ala
1 5 10

<210> 27333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27333
Arg Arg Gln Ala Tyr Tyr Ser Ser Pro Phe
1 5 10

<210> 27334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27334
Ala Glu Lys Arg Ala Pro Arg Arg Gln Ala
1 5 10

<210> 27335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27335
Ile Leu Ile Arg His Gln Asn Thr Leu
1 5

<210> 27336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27336
Leu Ile Arg His Gln Asn Thr Leu Arg
1 5

<210> 27337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27337
His Gln Asn Thr Leu Arg Glu Ser Met
1 5

<210> 27338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27338
Lys Glu Ile Leu Ile Arg His Gln Asn
1 5

<210> 27339
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27339
Ile Leu Ile Arg His Gln Asn Thr Leu Arg
1 5 10

<210> 27340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27340
His Gln Asn Thr Leu Arg Glu Ser Met Arg
1 5 10

<210> 27341
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27341
Glu Ile Leu Ile Arg His Gln Asn Thr Leu
1 5 10

<210> 27342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27342
Lys Gln Ala Lys Glu Ile Leu Ile Arg His
1 5 10

<210> 27343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27343
Arg His Gln Asn Thr Leu Arg Glu Ser Met
1 5 10

<210> 27344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27344
Lys Glu Ile Leu Ile Arg His Gln Asn Thr
1 5 10

<210> 27345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27345
Val Ile Val Gln Gly Phe Thr Ile Lys
1 5

<210> 27346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27346
Phe Phe Thr Val Ile Val Gln Gly Phe
1 5

<210> 27347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27347
Phe Thr Ile Lys Pro Leu Val Lys Trp
1 5

<210> 27348
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27348
Gly Phe Thr Ile Lys Pro Leu Val Lys
1 5

<210> 27349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27349
Phe Thr Val Ile Val Gln Gly Phe Thr
1 5

<210> 27350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27350
Thr Val Ile Val Gln Gly Phe Thr Ile
1 5

<210> 27351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27351
Val Gln Gly Phe Thr Ile Lys Pro Leu
1 5

<210> 27352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27352
Phe Thr Ile Lys Pro Leu Val Lys Trp Leu
1 5 10

<210> 27353
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27353
Thr Val Ile Val Gln Gly Phe Thr Ile Lys
1 5 10

<210> 27354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27354
Gln Gly Phe Thr Ile Lys Pro Leu Val Lys
1 5 10

<210> 27355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27355
Val Phe Phe Thr Val Ile Val Gln Gly Phe
1 5 10

<210> 27356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27356
Gly Phe Thr Ile Lys Pro Leu Val Lys Trp
1 5 10

<210> 27357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27357
Phe Thr Val Ile Val Gln Gly Phe Thr Ile
1 5 10

<210> 27358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27358
His Ser Ser Lys Trp Ser Ser Thr Tyr
1 5

<210> 27359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27359
Ser Leu Arg Thr Pro Leu Gly Thr Ile
1 5

<210> 27360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27360
Arg Ser Ser Gly Ser Arg Asn Ser Lys
1 5

<210> 27361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27361
Phe Ser His Leu Asp His Ser Ser Lys
1 5

<210> 27362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27362
Gly Ser Arg Asn Ser Lys Ser Leu Arg
1 5

<210> 27363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27363
Ser Ser Lys Trp Ser Ser Thr Tyr Gly
1 5

<210> 27364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27364
Asn Ser Lys Ser Leu Arg Thr Pro Leu
1 5

<210> 27365
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27365
Ser His Leu Asp His Ser Ser Lys Trp
1 5

<210> 27366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27366
Ser Lys Trp Ser Ser Thr Tyr Gly His
1 5

<210> 27367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27367
Ala Val Arg Ser Ser Gly Ser Arg Asn Ser
1 5 10

<210> 27368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27368
Lys Ser Leu Arg Thr Pro Leu Gly Thr Ile
1 5 10

<210> 27369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27369
Ile Phe Ser His Leu Asp His Ser Ser Lys
1 5 10

<210> 27370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27370
Ser Ser Lys Trp Ser Ser Thr Tyr Gly His
1 5 10

<210> 27371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27371
Met Pro Lys Ala Thr Val Gln Ala Val Arg
1 5 10

<210> 27372
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27372
Arg Asn Ser Lys Ser Leu Arg Thr Pro Leu
1 5 10

<210> 27373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27373

Cys Glu Gly Cys Asp Asp Ser Ser Ile Phe
1 5 10

<210> 27374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27374
Phe Ser His Leu Asp His Ser Ser Lys Trp
1 5 10

<210> 27375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27375
Ile Ser Ser Ala Thr Ser Lys Gln Leu
1 5

<210> 27376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27376
Asn Ile Asn Ile Ser Ser Ala Thr Ser Lys
1 5 10

<210> 27377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27377
Ile Ser Ser Ala Thr Ser Lys Gln Leu Ile
1 5 10

<210> 27378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27378
Glu Ser Glu Cys Leu Gly Asp Pro Val
1 5

<210> 27379
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27379
Cys Leu Gly Asp Pro Val Arg Asp Phe
1 5

<210> 27380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27380
Gln Glu Ser Glu Cys Leu Gly Asp Pro Val
1 5 10

<210> 27381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27381
Phe Thr Ile Tyr Phe Cys Met Ala Ile
1 5

<210> 27382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27382
Ser Leu Met Ser Ser Leu Thr Phe Ile
1 5

<210> 27383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27383
Leu Met Ser Ser Leu Thr Phe Ile Met
1 5

<210> 27384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27384
Ser Leu Thr Phe Ile Met Arg Leu Val
1 5

<210> 27385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27385
Ile Met Arg Leu Val Cys Thr Trp Lys
1 5

<210> 27386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27386
Thr Met Ala Cys Met Lys Ser Phe Arg
1 5

<210> 27387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27387
Gln Val Cys Ser Val Ser Leu Pro Arg
1 5

<210> 27388
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27388
Met Ser Ser Leu Thr Phe Ile Met Arg
1 5

<210> 27389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27389
Val Ser Leu Pro Arg Leu Pro Ser Phe
1 5

<210> 27390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27390
Arg Leu Pro Ser Phe Thr Ile Tyr Phe

1 5

<210> 27391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27391
Tyr Phe Cys Met Ala Ile Pro Ser Leu
1 5

<210> 27392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27392
Cys Met Ala Ile Pro Ser Leu Asp Phe
1 5

<210> 27393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27393
Phe Ser Leu Met Ser Ser Leu Thr Phe
1 5

<210> 27394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27394
Phe Ile Met Arg Leu Val Cys Thr Trp
1 5

<210> 27395

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27395
Lys Thr Met Ala Cys Met Lys Ser Phe
1 5

<210> 27396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27396
Cys Met Lys Ser Phe Arg Gly Leu Phe
1 5

<210> 27397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27397
Arg Gly Leu Phe Trp Gly Cys Ser Trp
1 5

<210> 27398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27398
Thr Trp Lys Thr Met Ala Cys Met Lys
1 5

<210> 27399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27399
Lys Ser Phe Arg Gly Leu Phe Trp Gly
1 5

<210> 27400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27400
Leu Pro Arg Leu Pro Ser Phe Thr Ile
1 5

<210> 27401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27401
Ile Pro Ser Leu Asp Phe Ser Leu Met
1 5

<210> 27402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27402
Arg Leu Val Cys Thr Trp Lys Thr Met
1 5

<210> 27403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27403
Lys Arg Ala Ser Gln Val Cys Ser Val
1 5

<210> 27404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27404
Ala Ser Gln Val Cys Ser Val Ser Leu
1 5

<210> 27405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27405
Ser Gln Val Cys Ser Val Ser Leu Pro
1 5

<210> 27406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27406
Leu Asp Phe Ser Leu Met Ser Ser Leu
1 5

<210> 27407
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27407
Cys Thr Trp Lys Thr Met Ala Cys Met
1 5

<210> 27408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27408
Met Lys Ser Phe Arg Gly Leu Phe Trp
1 5

<210> 27409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27409
Cys Glu Lys Arg Ala Ser Gln Val Cys
1 5

<210> 27410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27410
Leu Pro Ser Phe Thr Ile Tyr Phe Cys
1 5

<210> 27411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27411
Ser Leu Pro Arg Leu Pro Ser Phe Thr Ile
1 5 10

<210> 27412
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27412
Arg Leu Pro Ser Phe Thr Ile Tyr Phe Cys
1 5 10

<210> 27413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27413
Ser Leu Asp Phe Ser Leu Met Ser Ser Leu
1 5 10

<210> 27414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27414
Phe Ser Leu Met Ser Ser Leu Thr Phe Ile
1 5 10

<210> 27415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27415
Ser Leu Met Ser Ser Leu Thr Phe Ile Met
1 5 10

<210> 27416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27416
Arg Leu Val Cys Thr Trp Lys Thr Met Ala
1 5 10

<210> 27417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27417
Leu Met Ser Ser Leu Thr Phe Ile Met Arg
1 5 10

<210> 27418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27418
Phe Ile Met Arg Leu Val Cys Thr Trp Lys
1 5 10

<210> 27419
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27419
Cys Thr Trp Lys Thr Met Ala Cys Met Lys
1 5 10

<210> 27420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27420
Lys Thr Met Ala Cys Met Lys Ser Phe Arg
1 5 10

<210> 27421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27421
Ser Gln Val Cys Ser Val Ser Leu Pro Arg
1 5 10

<210> 27422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27422
Ser Phe Thr Ile Tyr Phe Cys Met Ala Ile
1 5 10

<210> 27423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27423
Ile Tyr Phe Cys Met Ala Ile Pro Ser Leu
1 5 10

<210> 27424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27424
Phe Cys Met Ala Ile Pro Ser Leu Asp Phe
1 5 10

<210> 27425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27425
Asp Phe Ser Leu Met Ser Ser Leu Thr Phe
1 5 10

<210> 27426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27426
Thr Phe Ile Met Arg Leu Val Cys Thr Trp
1 5 10

<210> 27427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27427
Cys Met Lys Ser Phe Arg Gly Leu Phe Trp
1 5 10

<210> 27428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27428
Ser Ser Leu Thr Phe Ile Met Arg Leu Val
1 5 10

<210> 27429
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27429
Met Ala Ile Pro Ser Leu Asp Phe Ser Leu
1 5 10

<210> 27430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27430
Met Ser Ser Leu Thr Phe Ile Met Arg Leu
1 5 10

<210> 27431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27431
Arg Ala Ser Gln Val Cys Ser Val Ser Leu
1 5 10

<210> 27432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27432
Leu Pro Arg Leu Pro Ser Phe Thr Ile Tyr
1 5 10

<210> 27433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27433
Leu Pro Ser Phe Thr Ile Tyr Phe Cys Met
1 5 10

<210> 27434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27434
Met Ala Cys Met Lys Ser Phe Arg Gly Leu
1 5 10

<210> 27435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27435
Ser Val Ser Leu Pro Arg Leu Pro Ser Phe
1 5 10

<210> 27436
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27436
Met Arg Leu Val Cys Thr Trp Lys Thr Met
1 5 10

<210> 27437
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27437

Trp Lys Thr Met Ala Cys Met Lys Ser Phe
1 5 10

<210> 27438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27438
Ala Cys Met Lys Ser Phe Arg Gly Leu Phe
1 5 10

<210> 27439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27439
Phe Arg Gly Leu Phe Trp Gly Cys Ser Trp
1 5 10

<210> 27440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27440
Cys Glu Lys Arg Ala Ser Gln Val Cys Ser
1 5 10

<210> 27441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27441
Ser Leu Gln His Phe Thr Ala Pro Thr
1 5

<210> 27442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27442
Lys Gly Phe Thr Ser Leu Gln His Phe
1 5

<210> 27443
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27443
His Phe Thr Ala Pro Thr Ser Gln Phe
1 5

<210> 27444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27444
Phe Thr Ser Leu Gln His Phe Thr Ala
1 5

<210> 27445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27445
Leu Gln His Phe Thr Ala Pro Thr Ser
1 5

<210> 27446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27446
His Phe Thr Ala Pro Thr Ser Gln Phe Tyr
1 5 10

<210> 27447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27447
Lys Lys Gly Phe Thr Ser Leu Gln His Phe
1 5 10

<210> 27448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27448
Leu Gln His Phe Thr Ala Pro Thr Ser Gln
1 5 10

<210> 27449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27449
Gln His Phe Thr Ala Pro Thr Ser Gln Phe
1 5 10

<210> 27450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27450
Phe Tyr Leu Gly Met Leu Asp His Ile
1 5

<210> 27451
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27451
Arg Leu Lys Val Leu Phe Tyr Leu Gly
1 5

<210> 27452
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27452
Lys Val Leu Phe Tyr Leu Gly Met Leu
1 5

<210> 27453
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27453
Leu Lys Val Leu Phe Tyr Leu Gly Met
1 5

<210> 27454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27454
Leu Phe Tyr Leu Gly Met Leu Asp His Ile

1 5 10

<210> 27455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27455
Arg Leu Lys Val Leu Phe Tyr Leu Gly Met
1 5 10

<210> 27456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27456
Tyr Leu Gly Met Leu Asp His Ile Gly Arg
1 5 10

<210> 27457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27457
Leu Lys Val Leu Phe Tyr Leu Gly Met Leu
1 5 10

<210> 27458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27458
Gly Ile Pro His Leu Ser Ser Ser Lys
1 5

<210> 27459

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27459
Leu Ser Ser Ser Lys Glu Asn Ala Trp
1 5

<210> 27460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27460
Leu Gly Ile Pro His Leu Ser Ser Ser Lys
1 5 10

<210> 27461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27461
Val Glu Ala Ser Leu Gly Ile Pro His Leu
1 5 10

<210> 27462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27462
His Leu Ser Ser Ser Lys Glu Asn Ala Trp
1 5 10

<210> 27463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27463
Arg Leu Tyr Leu Asn Gly Asn Met Ile
1 5

<210> 27464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27464
Tyr Leu Asn Gly Asn Met Ile Glu Arg
1 5

<210> 27465
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27465
Arg Arg Leu Tyr Leu Asn Gly Asn Met
1 5

<210> 27466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27466
Tyr Leu Asn Gly Asn Met Ile Glu Arg Leu
1 5 10

<210> 27467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27467
Asn Met Ile Glu Arg Leu Ser Pro Glu Leu
1 5 10

<210> 27468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27468
Leu Tyr Leu Asn Gly Asn Met Ile Glu Arg
1 5 10

<210> 27469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27469
Leu Arg Arg Leu Tyr Leu Asn Gly Asn Met
1 5 10

<210> 27470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27470
Arg Arg Leu Tyr Leu Asn Gly Asn Met Ile
1 5 10

<210> 27471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27471
Met Ile Glu Arg Leu Ser Pro Glu Leu Phe
1 5 10

<210> 27472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27472
Ile Leu Thr Val Ser Cys Glu Asn Leu
1 5

<210> 27473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27473
Thr Val Ser Cys Glu Asn Leu Gly Ile
1 5

<210> 27474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27474
Cys Glu Asn Leu Gly Ile Ile Ser Leu
1 5

<210> 27475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27475
Asn Leu Gly Ile Ile Ser Leu Ser Glu Ile
1 5 10

<210> 27476
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27476
Leu Thr Val Ser Cys Glu Asn Leu Gly Ile
1 5 10

<210> 27477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27477
Cys Glu Asn Leu Gly Ile Ile Ser Leu Ser
1 5 10

<210> 27478
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27478
Lys Gln Ser Thr Glu Phe Leu Ser Phe
1 5

<210> 27479
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27479
Ser Asn Met Lys Tyr Lys Thr Thr Lys
1 5

<210> 27480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27480
Lys Tyr Lys Thr Thr Lys Gln Ser Thr
1 5

<210> 27481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27481
Thr Thr Lys Gln Ser Thr Glu Phe Leu
1 5

<210> 27482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27482
Lys Thr Thr Lys Gln Ser Thr Glu Phe
1 5

<210> 27483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27483
Gly Ser Asn Met Lys Tyr Lys Thr Thr Lys
1 5 10

<210> 27484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27484
Lys Thr Thr Lys Gln Ser Thr Glu Phe Leu
1 5 10

<210> 27485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27485
Met Lys Tyr Lys Thr Thr Lys Gln Ser Thr
1 5 10

<210> 27486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27486
Tyr Lys Thr Thr Lys Gln Ser Thr Glu Phe
1 5 10

<210> 27487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27487
Thr Lys Gln Ser Thr Glu Phe Leu Ser Phe
1 5 10

<210> 27488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27488
Leu Leu Ser Asn Val Asn Gln Asn Ala
1 5

<210> 27489
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27489
Val Asn Gln Asn Ala Thr Val Glu Met
1 5

<210> 27490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27490
Gly Leu Leu Ser Asn Val Asn Gln Asn Ala
1 5 10

<210> 27491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27491
Asn Val Asn Gln Asn Ala Thr Val Glu Met
1 5 10

<210> 27492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27492
Tyr Val Asp Pro Ser Gly Gly Asp His Phe
1 5 10

<210> 27493
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27493
Asp Pro Ser Gly Gly Asp His Phe Cys Leu
1 5 10

<210> 27494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27494
Ala Leu Lys Lys Leu Arg Ser Pro Leu
1 5

<210> 27495
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27495
Lys Ile Ser Asn Trp Ser Leu Lys Lys
1 5

<210> 27496
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27496
Ser Leu Lys Lys Val Pro Ala Leu Lys
1 5

<210> 27497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27497
Lys Leu Arg Ser Pro Leu Trp Ile Phe
1 5

<210> 27498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27498
Lys Lys Arg Lys Arg Lys Arg Glu Lys
1 5

<210> 27499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27499
Arg Lys Arg Glu Lys Arg Ser Gln Lys
1 5

<210> 27500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27500
Arg Ser Gln Lys Ser Arg Gln Asn His
1 5

<210> 27501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27501

Ser Gln Lys Ser Arg Gln Asn His Leu
1 5

<210> 27502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27502
Lys Ser Arg Gln Asn His Leu Gln Leu
1 5

<210> 27503
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27503
Arg Arg Lys Ile Ser Asn Trp Ser Leu
1 5

<210> 27504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27504
Arg Lys Ile Ser Asn Trp Ser Leu Lys
1 5

<210> 27505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27505
Lys Val Pro Ala Leu Lys Lys Leu Arg
1 5

<210> 27506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27506
His Leu Gln Leu Lys Ser Cys Arg Arg
1 5

<210> 27507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27507
Trp Ser Leu Lys Lys Val Pro Ala Leu
1 5

<210> 27508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27508
Arg Gln Asn His Leu Gln Leu Lys Ser
1 5

<210> 27509
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27509
Lys Lys Val Pro Ala Leu Lys Lys Leu
1 5

<210> 27510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27510
Leu Lys Lys Leu Arg Ser Pro Leu Trp
1 5

<210> 27511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27511
Lys Lys Leu Arg Ser Pro Leu Trp Ile
1 5

<210> 27512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27512
Lys Ile Ser Asn Trp Ser Leu Lys Lys Val
1 5 10

<210> 27513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27513
Lys Ser Arg Gln Asn His Leu Gln Leu Lys
1 5 10

<210> 27514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27514
Ser Leu Lys Lys Val Pro Ala Leu Lys Lys
1 5 10

<210> 27515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27515
Trp Ser Leu Lys Lys Val Pro Ala Leu Lys
1 5 10

<210> 27516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27516
Lys Arg Lys Arg Glu Lys Arg Ser Gln Lys
1 5 10

<210> 27517
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27517
Arg Ser Gln Lys Ser Arg Gln Asn His Leu
1 5 10

<210> 27518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27518
His Leu Gln Leu Lys Ser Cys Arg Arg Lys

1 5 10

<210> 27519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27519
Arg Arg Lys Ile Ser Asn Trp Ser Leu Lys
1 5 10

<210> 27520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27520
Cys Arg Arg Lys Ile Ser Asn Trp Ser Leu
1 5 10

<210> 27521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27521
Asn Trp Ser Leu Lys Lys Val Pro Ala Leu
1 5 10

<210> 27522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27522
Gln Lys Ser Arg Gln Asn His Leu Gln Leu
1 5 10

<210> 27523

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27523
Arg Gln Asn His Leu Gln Leu Lys Ser Cys
1 5 10

<210> 27524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27524
Leu Gln Leu Lys Ser Cys Arg Arg Lys Ile
1 5 10

<210> 27525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27525
Ala Leu Lys Lys Leu Arg Ser Pro Leu Trp
1 5 10

<210> 27526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27526
Lys Lys Leu Arg Ser Pro Leu Trp Ile Phe
1 5 10

<210> 27527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27527
Leu Gln Ala Arg Ile Ala His Gln Ile
1 5

<210> 27528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27528
Arg Ile Ala His Gln Ile Gln Glu Leu
1 5

<210> 27529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27529
His Gln Ile Gln Glu Leu Glu Asn Leu
1 5

<210> 27530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27530
Arg Leu Gln Ala Arg Ile Ala His Gln Ile
1 5 10

<210> 27531
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27531
Ala Arg Ile Ala His Gln Ile Gln Glu Leu
1 5 10

<210> 27532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27532
Arg Leu Leu Leu Thr Gly Thr Leu Leu
1 5

<210> 27533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27533
Leu Leu Gln Asn Lys Leu Pro Glu Leu
1 5

<210> 27534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27534
Leu Thr Gly Thr Leu Leu Gln Asn Lys
1 5

<210> 27535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27535
Arg Arg Leu Leu Leu Thr Gly Thr Leu
1 5

<210> 27536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27536
Thr Leu Leu Gln Asn Lys Leu Pro Glu Leu
1 5 10

<210> 27537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27537
Leu Leu Thr Gly Thr Leu Leu Gln Asn Lys
1 5 10

<210> 27538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27538
Arg Arg Leu Leu Leu Thr Gly Thr Leu Leu
1 5 10

<210> 27539
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27539
Ala Pro Lys Gln Pro Met Phe Ala Leu
1 5

<210> 27540
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27540
Leu Leu Thr Ala Pro Lys Gln Pro Met
1 5

<210> 27541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27541
Leu Thr Ala Pro Lys Gln Pro Met Phe
1 5

<210> 27542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27542
Lys Gln Pro Met Phe Ala Leu Asp Leu
1 5

<210> 27543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27543
Leu Asp Leu Lys Thr Leu His Arg Met
1 5

<210> 27544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27544
Lys Gln Pro Met Phe Ala Leu Asp Leu Lys
1 5 10

<210> 27545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27545
Leu Thr Ala Pro Lys Gln Pro Met Phe Ala
1 5 10

<210> 27546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27546
Phe Ala Leu Asp Leu Lys Thr Leu His Arg
1 5 10

<210> 27547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27547
Thr Ala Pro Lys Gln Pro Met Phe Ala Leu
1 5 10

<210> 27548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27548
Leu Leu Thr Ala Pro Lys Gln Pro Met Phe
1 5 10

<210> 27549
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27549
Pro Met Phe Ala Leu Asp Leu Lys Thr Leu
1 5 10

<210> 27550
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27550
Gln Glu Glu Asp Glu Glu Leu Leu Thr Ala
1 5 10

<210> 27551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27551
Lys Leu Gln Gln Cys Asn Thr Glu Leu
1 5

<210> 27552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27552
Lys Leu Gln Gln Cys Asn Thr Glu Leu Lys
1 5 10

<210> 27553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27553
Gln Gln Cys Asn Thr Glu Leu Lys Lys Tyr
1 5 10

<210> 27554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27554
Arg Lys Leu Gln Gln Cys Asn Thr Glu Leu
1 5 10

<210> 27555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27555
Glu Leu Ser Ala Lys Phe Ser Arg Ala
1 5

<210> 27556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27556
Gln Gln Phe Gln Glu Leu Ser Ala Lys
1 5

<210> 27557
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27557
Gln Phe Gln Glu Leu Ser Ala Lys Phe
1 5

<210> 27558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27558
Ala Lys Phe Ser Arg Ala Ser Glu Cys
1 5

<210> 27559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27559
Met Gln Gln Phe Gln Glu Leu Ser Ala Lys
1 5 10

<210> 27560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27560
Lys Phe Ser Arg Ala Ser Glu Cys Leu Lys
1 5 10

<210> 27561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27561
Gln Gln Phe Gln Glu Leu Ser Ala Lys Phe
1 5 10

<210> 27562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27562
Ala Lys Phe Ser Arg Ala Ser Glu Cys Leu
1 5 10

<210> 27563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27563
Gln Glu Leu Ser Ala Lys Phe Ser Arg Ala
1 5 10

<210> 27564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27564
Tyr Ala Pro Gln Pro His Pro Thr Val
1 5

<210> 27565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27565

Ala Pro Gln Pro His Pro Thr Val Cys
1 5

<210> 27566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27566
Gln Pro His Pro Thr Val Cys Gln Phe
1 5

<210> 27567
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27567
Met Gln Tyr Ala Pro Gln Pro His Pro
1 5

<210> 27568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27568
Gln Tyr Ala Pro Gln Pro His Pro Thr Val
1 5 10

<210> 27569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27569
Tyr Glu Met Gln Tyr Ala Pro Gln Pro His
1 5 10

<210> 27570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27570
Met Gln Tyr Ala Pro Gln Pro His Pro Thr
1 5 10

<210> 27571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27571
His Pro Thr Val Cys Gln Phe Ile Thr Ala
1 5 10

<210> 27572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27572
Gln Pro His Pro Thr Val Cys Gln Phe Ile
1 5 10

<210> 27573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27573
Asn Glu Ala Phe Ser His Gly Ala Ile
1 5

<210> 27574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27574
Gln Pro Leu Glu Lys Lys Asn Glu Ala Phe
1 5 10

<210> 27575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27575
Lys Lys Asn Glu Ala Phe Ser His Gly Ala
1 5 10

<210> 27576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27576
Leu Ile Lys Asp Asp Phe Leu Thr Ile
1 5

<210> 27577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27577
Ile Lys Asp Asp Phe Leu Thr Ile Leu
1 5

<210> 27578
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27578
Ser Leu Ile Lys Asp Asp Phe Leu Thr Ile
1 5 10

<210> 27579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27579
Ala Leu Ser Leu Ile Lys Asp Asp Phe Leu
1 5 10

<210> 27580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27580
Leu Ile Lys Asp Asp Phe Leu Thr Ile Leu
1 5 10

<210> 27581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27581
Thr Pro Gln Pro Pro Arg Arg Pro Ser
1 5

<210> 27582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27582
Thr Pro Gln Pro Pro Arg Arg Pro Ser Thr

1 5 10

<210> 27583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27583
Ala Ile Ile Val Arg Gly Glu Pro Arg
1 5

<210> 27584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27584
Cys Ala Ile Ile Val Arg Gly Glu Pro Arg
1 5 10

<210> 27585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27585
Arg Asn Asp Ile Ala Ser His Pro Leu
1 5

<210> 27586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27586
Met Arg Asn Asp Ile Ala Ser His Pro Leu
1 5 10

<210> 27587

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27587
Ala Glu Ala Glu Glu Leu Lys Pro Phe Leu
1 5 10

<210> 27588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27588
Gly Leu His Pro Arg His Ala Tyr Ser
1 5

<210> 27589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27589
Leu Gly Leu His Pro Arg His Ala Tyr
1 5

<210> 27590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27590
His Pro Arg His Ala Tyr Ser Ile Leu
1 5

<210> 27591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27591
Ser Ala Tyr Glu Ser Leu Gly Leu His
1 5

<210> 27592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27592
Tyr Glu Ser Leu Gly Leu His Pro Arg
1 5

<210> 27593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27593
Gly Leu His Pro Arg His Ala Tyr Ser Ile
1 5 10

<210> 27594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27594
Ser Leu Gly Leu His Pro Arg His Ala Tyr
1 5 10

<210> 27595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27595
Tyr Glu Ser Leu Gly Leu His Pro Arg His
1 5 10

<210> 27596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27596
Gly Leu Lys Ser Pro Asp Pro Tyr Arg
1 5

<210> 27597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27597
Leu Gly Leu Lys Ser Pro Asp Pro Tyr
1 5

<210> 27598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27598
Thr Gln Asp Ser Ala Met Leu Gly Leu
1 5

<210> 27599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27599
Leu Lys Ser Pro Asp Pro Tyr Arg Leu
1 5

<210> 27600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27600
Gly Leu Lys Ser Pro Asp Pro Tyr Arg Leu
1 5 10

<210> 27601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27601
Thr Gln Asp Ser Ala Met Leu Gly Leu Lys
1 5 10

<210> 27602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27602
Met Leu Gly Leu Lys Ser Pro Asp Pro Tyr
1 5 10

<210> 27603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27603
Ser Thr Gln Asp Ser Ala Met Leu Gly Leu
1 5 10

<210> 27604
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27604
Ala Met Ala Val Leu Glu Ser Ser Thr
1 5

<210> 27605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27605
Met Ala Val Leu Glu Ser Ser Thr Val
1 5

<210> 27606
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27606
Ala Met Ala Val Leu Glu Ser Ser Thr Val
1 5 10

<210> 27607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27607
Ala Val Leu Glu Ser Ser Thr Val Thr Val
1 5 10

<210> 27608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27608
Lys Asn Glu Pro Trp Tyr Lys Leu Phe
1 5

<210> 27609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27609
Pro Trp Tyr Lys Leu Phe Ser Glu Leu
1 5

<210> 27610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27610
Leu Lys Asn Glu Pro Trp Tyr Lys Leu
1 5

<210> 27611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27611
Tyr Lys Leu Phe Ser Glu Leu Glu Phe
1 5

<210> 27612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27612
Lys Leu Phe Ser Glu Leu Glu Phe Gly Lys
1 5 10

<210> 27613
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27613
Trp Tyr Lys Leu Phe Ser Glu Leu Glu Phe
1 5 10

<210> 27614
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27614
Glu Pro Trp Tyr Lys Leu Phe Ser Glu Leu
1 5 10

<210> 27615
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27615
Leu Lys Asn Glu Pro Trp Tyr Lys Leu Phe
1 5 10

<210> 27616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27616
Cys Leu Lys Pro Ser Asp Met Val Arg
1 5

<210> 27617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27617
Lys Pro Ser Asp Met Val Arg Cys Leu
1 5

<210> 27618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27618
Met Val Arg Cys Leu Ser Thr Glu Gln Arg
1 5 10

<210> 27619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27619
Lys Lys Ser Cys Leu Lys Pro Ser Asp Met
1 5 10

<210> 27620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27620
Arg Gly Ser Leu Ser Asp Asn Ser Ile
1 5

<210> 27621
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27621
Leu Ser Asp Asn Ser Ile Leu His Arg Leu
1 5 10

<210> 27622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27622
Ser Leu Ser Asp Asn Ser Ile Leu His Arg
1 5 10

<210> 27623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27623
Arg Gly Ser Leu Ser Asp Asn Ser Ile Leu
1 5 10

<210> 27624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27624
Ser Ser Glu Lys Val Met Ser Leu Met
1 5

<210> 27625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27625
Lys Met Ser Trp Ser Ser Glu Lys Val
1 5

<210> 27626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27626
Ser Leu Met Ser Trp Lys Ser Val Met
1 5

<210> 27627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27627
Leu Met Ser Trp Lys Ser Val Met Thr
1 5

<210> 27628
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27628
Lys Val Met Ser Leu Met Ser Trp Lys
1 5

<210> 27629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27629

Cys Ile Thr Ile Leu Pro Gly Met Lys
1 5

<210> 27630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27630
Arg Phe Arg Leu Cys Ile Thr Ile Leu
1 5

<210> 27631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27631
Ile Leu Pro Gly Met Lys Met Ser Trp
1 5

<210> 27632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27632
Met Ser Leu Met Ser Trp Lys Ser Val
1 5

<210> 27633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27633
Met Ser Trp Lys Ser Val Met Thr Ala
1 5

<210> 27634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27634
Thr Thr Ser Arg Gly Cys Glu Leu Arg
1 5

<210> 27635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27635
Met Thr Ala Gly Leu Trp Gly Pro Gln
1 5

<210> 27636
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27636
Glu Thr Thr Ser Arg Gly Cys Glu Leu
1 5

<210> 27637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27637
Gly Pro Gln Glu Glu Pro Asn Ser Leu
1 5

<210> 27638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27638
Met Ser Trp Ser Ser Glu Lys Val Met
1 5

<210> 27639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27639
Asn Arg Phe Arg Leu Cys Ile Thr Ile
1 5

<210> 27640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27640
Ile Thr Ile Leu Pro Gly Met Lys Met
1 5

<210> 27641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27641
Trp Ser Ser Glu Lys Val Met Ser Leu
1 5

<210> 27642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27642
Glu Lys Val Met Ser Leu Met Ser Trp
1 5

<210> 27643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27643
Trp Lys Ser Val Met Thr Ala Gly Leu
1 5

<210> 27644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27644
Lys Ser Val Met Thr Ala Gly Leu Trp
1 5

<210> 27645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27645
Gln Glu Glu Pro Asn Ser Leu Val Leu
1 5

<210> 27646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27646
Ser Glu Lys Val Met Ser Leu Met Ser

1 5

<210> 27647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27647
Val Met Ser Leu Met Ser Trp Lys Ser Val
1 5 10

<210> 27648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27648
Ser Leu Met Ser Trp Lys Ser Val Met Thr
1 5 10

<210> 27649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27649
Leu Met Ser Trp Lys Ser Val Met Thr Ala
1 5 10

<210> 27650
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27650
Arg Leu Cys Ile Thr Ile Leu Pro Gly Met
1 5 10

<210> 27651

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27651
Gly Met Lys Met Ser Trp Ser Ser Glu Lys
1 5 10

<210> 27652
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27652
Leu Val Leu Ser Pro Glu Thr Thr Ser Arg
1 5 10

<210> 27653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27653
Arg Phe Arg Leu Cys Ile Thr Ile Leu Pro
1 5 10

<210> 27654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27654
Met Ser Leu Met Ser Trp Lys Ser Val Met
1 5 10

<210> 27655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27655
Ser Trp Lys Ser Val Met Thr Ala Gly Leu
1 5 10

<210> 27656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27656
Asn Ile Gln Gly Gly Gly Asn Arg Phe Arg
1 5 10

<210> 27657
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27657
Glu Thr Thr Ser Arg Gly Cys Glu Leu Arg
1 5 10

<210> 27658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27658
Trp Ser Ser Glu Lys Val Met Ser Leu Met
1 5 10

<210> 27659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27659
Lys Met Ser Trp Ser Ser Glu Lys Val Met
1 5 10

<210> 27660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27660
Ile Gln Gly Gly Gly Asn Arg Phe Arg Leu
1 5 10

<210> 27661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27661
Asn Arg Phe Arg Leu Cys Ile Thr Ile Leu
1 5 10

<210> 27662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27662
Met Lys Met Ser Trp Ser Ser Glu Lys Val
1 5 10

<210> 27663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27663
Ser Glu Lys Val Met Ser Leu Met Ser Trp
1 5 10

<210> 27664
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27664
Met Ser Trp Lys Ser Val Met Thr Ala Gly
1 5 10

<210> 27665
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27665
Trp Lys Ser Val Met Thr Ala Gly Leu Trp
1 5 10

<210> 27666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27666
Asp Leu Gly Gly Asp Phe Trp Tyr Val
1 5

<210> 27667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27667
Asp Phe Trp Tyr Val Thr Cys Ala Ile
1 5

<210> 27668
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27668
Gly Asp Phe Trp Tyr Val Thr Cys Ala
1 5

<210> 27669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27669
Ala Gln Asp Leu Gly Gly Asp Phe Trp Tyr
1 5 10

<210> 27670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27670
Gly Asp Phe Trp Tyr Val Thr Cys Ala Ile
1 5 10

<210> 27671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27671
Glu Ala Gln Asp Leu Gly Gly Asp Phe Trp
1 5 10

<210> 27672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27672
Leu Gln Gly Phe Ser Ile Pro Phe Leu
1 5

<210> 27673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27673
Pro Phe Leu Ala Ala Asp Leu Leu Leu
1 5

<210> 27674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27674
Ile Pro Phe Leu Ala Ala Asp Leu Leu
1 5

<210> 27675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27675
Thr Leu Gln Gly Phe Ser Ile Pro Phe Leu
1 5 10

<210> 27676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27676
Phe Leu Ala Ala Asp Leu Leu Leu His Ser
1 5 10

<210> 27677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27677
Leu Ala Ala Asp Leu Leu Leu His Ser Lys
1 5 10

<210> 27678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27678
Phe Ser Ile Pro Phe Leu Ala Ala Asp Leu
1 5 10

<210> 27679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27679
Ile Pro Phe Leu Ala Ala Asp Leu Leu Leu
1 5 10

<210> 27680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27680
Pro Phe Val Ser Tyr Ser Lys Leu Phe
1 5

<210> 27681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27681
Val Phe Arg Glu Pro Phe Val Ser Tyr
1 5

<210> 27682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27682
Val Ser Tyr Ser Lys Leu Phe Ser Ala
1 5

<210> 27683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27683
Glu Pro Phe Val Ser Tyr Ser Lys Leu
1 5

<210> 27684
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27684
Arg Glu Pro Phe Val Ser Tyr Ser Lys
1 5

<210> 27685
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27685
Phe Val Ser Tyr Ser Lys Leu Phe Ser Ala
1 5 10

<210> 27686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27686
Lys Val Phe Arg Glu Pro Phe Val Ser Tyr
1 5 10

<210> 27687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27687
Val Phe Arg Glu Pro Phe Val Ser Tyr Ser
1 5 10

<210> 27688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27688
Arg Glu Pro Phe Val Ser Tyr Ser Lys Leu
1 5 10

<210> 27689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27689
Glu Pro Phe Val Ser Tyr Ser Lys Leu Phe
1 5 10

<210> 27690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27690
Ala Pro Gly Ala Pro Pro Leu Val Pro Val
1 5 10

<210> 27691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27691
Val Ser Asp Ala Ile Ser Ala Val Tyr
1 5

<210> 27692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27692
Ile Ser Ala Val Tyr Tyr Cys Asn Tyr
1 5

<210> 27693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27693

Val Val Ser Asp Ala Ile Ser Ala Val
1 5

<210> 27694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27694
Ile Ser Ser Val Val Ser Asp Ala Ile
1 5

<210> 27695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27695
Ser Asp Ala Ile Ser Ala Val Tyr Tyr
1 5

<210> 27696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27696
Val Val Ser Asp Ala Ile Ser Ala Val Tyr
1 5 10

<210> 27697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27697
Val Ser Asp Ala Ile Ser Ala Val Tyr Tyr
1 5 10

<210> 27698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27698
Ser Val Val Ser Asp Ala Ile Ser Ala Val
1 5 10

<210> 27699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27699
Ala Ile Ser Ser Val Val Ser Asp Ala Ile
1 5 10

<210> 27700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27700
Ala Ile Ser Ala Val Tyr Tyr Cys Asn Tyr
1 5 10

<210> 27701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27701
Leu Trp Ile Gly Glu Tyr Lys Gln Leu
1 5

<210> 27702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27702
Gly Lys Lys Leu Trp Ile Gly Glu Tyr
1 5

<210> 27703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27703
Lys Leu Trp Ile Gly Glu Tyr Lys Gln Leu
1 5 10

<210> 27704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27704
Leu Trp Ile Gly Glu Tyr Lys Gln Leu Met
1 5 10

<210> 27705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27705
Trp Ile Gly Glu Tyr Lys Gln Leu Met Arg
1 5 10

<210> 27706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27706
Ser His Pro Trp Ala Pro Trp Pro Leu
1 5

<210> 27707
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27707
Ser Pro Leu His Cys Ser His Pro Trp
1 5

<210> 27708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27708
His Pro Trp Ala Pro Trp Pro Leu Ala
1 5

<210> 27709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27709
His Cys Ser His Pro Trp Ala Pro Trp
1 5

<210> 27710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27710
Trp Pro Leu Ala Ser Pro Pro Ala Ser

1 5

<210> 27711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27711
Cys Ser His Pro Trp Ala Pro Trp Pro Leu
1 5 10

<210> 27712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27712
Ala Pro Trp Pro Leu Ala Ser Pro Pro Ala
1 5 10

<210> 27713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27713
Leu His Cys Ser His Pro Trp Ala Pro Trp
1 5 10

<210> 27714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27714
His Pro Trp Ala Pro Trp Pro Leu Ala Ser
1 5 10

<210> 27715

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27715
Cys Ile Arg Lys Ala Val Ser Gln Val
1 5

<210> 27716
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27716
Arg Lys Ala Val Ser Gln Val Leu Lys
1 5

<210> 27717
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27717
Phe Pro Val Cys Ile Arg Lys Ala Val
1 5

<210> 27718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27718
Ile Arg Lys Ala Val Ser Gln Val Leu
1 5

<210> 27719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27719
Cys Ile Arg Lys Ala Val Ser Gln Val Leu
1 5 10

<210> 27720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27720
Ile Arg Lys Ala Val Ser Gln Val Leu Lys
1 5 10

<210> 27721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27721
Lys Ala Val Ser Gln Val Leu Lys Gly Tyr
1 5 10

<210> 27722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27722
Phe Pro Val Cys Ile Arg Lys Ala Val Ser
1 5 10

<210> 27723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27723
Lys Glu Glu Glu Glu Ala Ala Ala Ala
1 5

<210> 27724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27724
Lys Glu Glu Glu Glu Ala Ala Ala Ala Ala
1 5 10

<210> 27725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27725
Lys Glu Glu Glu Glu Ala Ala Ala Ala
1 5

<210> 27726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27726
Lys Glu Glu Glu Glu Ala Ala Ala Ala Ala
1 5 10

<210> 27727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27727
Ala Leu Trp Ser Cys Thr Trp His Ser
1 5

<210> 27728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27728
His Ser Arg Ala Leu Trp Ser Cys Thr
1 5

<210> 27729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27729
Phe Glu Gly His Ser Arg Ala Leu Trp
1 5

<210> 27730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27730
Ser Arg Ala Leu Trp Ser Cys Thr Trp
1 5

<210> 27731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27731
Arg Ala Leu Trp Ser Cys Thr Trp His
1 5

<210> 27732
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27732
Ala Leu Trp Ser Cys Thr Trp His Ser Cys
1 5 10

<210> 27733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27733
Leu Thr Phe Glu Gly His Ser Arg Ala Leu
1 5 10

<210> 27734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27734
Thr Phe Glu Gly His Ser Arg Ala Leu Trp
1 5 10

<210> 27735
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27735
His Ser Arg Ala Leu Trp Ser Cys Thr Trp
1 5 10

<210> 27736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27736
Glu Phe Phe Ser Phe Ser Asn Thr Leu
1 5

<210> 27737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27737
Asn Ser Ile Glu Phe Phe Ser Phe Ser
1 5

<210> 27738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27738
Val Asn Ser Ile Glu Phe Phe Ser Phe
1 5

<210> 27739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27739
Ile Glu Phe Phe Ser Phe Ser Asn Thr
1 5

<210> 27740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27740
Phe Ser Phe Ser Asn Thr Leu Leu Thr
1 5

<210> 27741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27741
Ser Val Asn Ser Ile Glu Phe Phe Ser Phe
1 5 10

<210> 27742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27742
Glu Phe Phe Ser Phe Ser Asn Thr Leu Leu
1 5 10

<210> 27743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27743
Ile Glu Phe Phe Ser Phe Ser Asn Thr Leu
1 5 10

<210> 27744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27744
Phe Ser Phe Ser Asn Thr Leu Leu Thr Ser
1 5 10

<210> 27745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27745
Ile Met Val Arg Gln Ser Tyr Pro Arg
1 5

<210> 27746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27746
Met Val Arg Gln Ser Tyr Pro Arg Gly
1 5

<210> 27747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27747
Asp Ile Met Val Arg Gln Ser Tyr Pro Arg
1 5 10

<210> 27748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27748
Ile Met Gln Ser Met Lys Ser Cys Leu
1 5

<210> 27749
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27749
Met Gln Ser Met Lys Ser Cys Leu Leu
1 5

<210> 27750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27750
Thr Leu Ser Ile Met Gln Ser Met Lys
1 5

<210> 27751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27751
Gly Thr Leu Ser Ile Met Gln Ser Met
1 5

<210> 27752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27752
Gln Ser Met Lys Ser Cys Leu Leu Leu
1 5

<210> 27753
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27753
Ile Met Gln Ser Met Lys Ser Cys Leu Leu
1 5 10

<210> 27754
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27754
Ser Ile Met Gln Ser Met Lys Ser Cys Leu
1 5 10

<210> 27755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27755
Met Gln Ser Met Lys Ser Cys Leu Leu Leu
1 5 10

<210> 27756
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27756
Gly Thr Leu Ser Ile Met Gln Ser Met Lys
1 5 10

<210> 27757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27757

Trp Gly Thr Leu Ser Ile Met Gln Ser Met
1 5 10

<210> 27758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27758
Phe Leu Gly Lys Lys Gln Tyr Gln Leu
1 5

<210> 27759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27759
Lys Trp Trp Arg Ser Phe Leu Gly Lys
1 5

<210> 27760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27760
Trp Trp Arg Ser Phe Leu Gly Lys Lys
1 5

<210> 27761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27761
Arg Ser Phe Leu Gly Lys Lys Gln Tyr
1 5

<210> 27762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27762
Gly Lys Lys Gln Tyr Gln Leu Thr Val
1 5

<210> 27763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27763
Phe Leu Gly Lys Lys Gln Tyr Gln Leu Thr
1 5 10

<210> 27764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27764
Ser Phe Leu Gly Lys Lys Gln Tyr Gln Leu
1 5 10

<210> 27765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27765
Lys Trp Trp Arg Ser Phe Leu Gly Lys Lys
1 5 10

<210> 27766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27766
Trp Arg Ser Phe Leu Gly Lys Lys Gln Tyr
1 5 10

<210> 27767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27767
Lys Lys Gln Tyr Gln Leu Thr Val Gln Val
1 5 10

<210> 27768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27768
Val Ser Ser Val Ala Gln Gln Gln Lys
1 5

<210> 27769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27769
Ser Val Ala Gln Gln Gln Lys Gln Leu Arg
1 5 10

<210> 27770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27770
Gly Lys Asn Ser Cys Pro Val Ser Ser Val
1 5 10

<210> 27771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27771
Leu Ala Ala Glu Thr Cys Phe Phe Leu
1 5

<210> 27772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27772
Leu Ile Leu Glu Thr Ser Ala Gln Lys
1 5

<210> 27773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27773
Lys Leu Leu Cys Trp Leu Cys Lys Lys
1 5

<210> 27774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27774
Glu Thr Cys Phe Phe Leu Glu Leu Ile

1 5

<210> 27775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27775
Ala Glu Thr Cys Phe Phe Leu Glu Leu
1 5

<210> 27776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27776
Leu Glu Thr Ser Ala Gln Lys Leu Leu
1 5

<210> 27777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27777
Leu Glu Leu Ile Leu Glu Thr Ser Ala
1 5

<210> 27778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27778
Asn Leu Ala Ala Glu Thr Cys Phe Phe Leu
1 5 10

<210> 27779

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27779
Phe Leu Glu Leu Ile Leu Glu Thr Ser Ala
1 5 10

<210> 27780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27780
Leu Ile Leu Glu Thr Ser Ala Gln Lys Leu
1 5 10

<210> 27781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27781
Lys Leu Leu Cys Trp Leu Cys Lys Lys Met
1 5 10

<210> 27782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27782
Ala Gln Lys Leu Leu Cys Trp Leu Cys Lys
1 5 10

<210> 27783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27783
Glu Thr Cys Phe Phe Leu Glu Leu Ile Leu
1 5 10

<210> 27784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27784
Ala Glu Thr Cys Phe Phe Leu Glu Leu Ile
1 5 10

<210> 27785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27785
Phe Arg Lys Ala Phe Ser Glu Pro Val
1 5

<210> 27786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27786
Glu Glu Ser Glu Asn Phe Arg Lys Ala
1 5

<210> 27787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27787
Asn Phe Arg Lys Ala Phe Ser Glu Pro Val
1 5 10

<210> 27788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27788
Arg Gln Asn Arg Glu Glu Ser Glu Asn Phe
1 5 10

<210> 27789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27789
Glu Glu Ser Glu Asn Phe Arg Lys Ala Phe
1 5 10

<210> 27790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27790
Phe Arg Lys Ala Phe Ser Glu Pro Val Leu
1 5 10

<210> 27791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27791
Arg Glu Glu Ser Glu Asn Phe Arg Lys Ala
1 5 10

<210> 27792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27792
Tyr Thr Cys Lys Val Val Asn Glu Tyr
1 5

<210> 27793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27793
Asp Ala Gly Phe Tyr Thr Cys Lys Val
1 5

<210> 27794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27794
Phe Tyr Thr Cys Lys Val Val Asn Glu Tyr
1 5 10

<210> 27795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27795
Phe Glu Cys Leu Val Ala Gly Ala His
1 5

<210> 27796
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27796
Ala Leu Phe Glu Cys Leu Val Ala Gly Ala
1 5 10

<210> 27797
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27797
Thr Leu Asn Thr Glu Gly Lys Ser Gly Lys
1 5 10

<210> 27798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27798
Lys Lys His Thr Glu Ser Thr Pro Leu
1 5

<210> 27799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27799
Lys His Thr Glu Ser Thr Pro Leu Trp
1 5

<210> 27800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27800
Thr Glu Ser Thr Pro Leu Trp Ser Ile
1 5

<210> 27801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27801
Lys Lys Lys His Thr Glu Ser Thr Pro Leu
1 5 10

<210> 27802
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27802
Lys Lys His Thr Glu Ser Thr Pro Leu Trp
1 5 10

<210> 27803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27803
Ile Pro Asn Gly Val Gln Ile Phe Leu
1 5

<210> 27804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27804
Leu Ile Pro Asn Gly Val Gln Ile Phe Leu
1 5 10

<210> 27805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27805
Lys Asp Glu Trp Arg Gly Val Val Leu
1 5

<210> 27806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27806
Val Val Leu Ala Gln Ala Pro Ile Met
1 5

<210> 27807
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27807
Asp Glu Trp Arg Gly Val Val Leu Ala
1 5

<210> 27808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27808
Val Val Leu Ala Gln Ala Pro Ile Met Lys
1 5 10

<210> 27809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27809
Ser Lys Asp Glu Trp Arg Gly Val Val Leu
1 5 10

<210> 27810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27810
Arg Gly Val Val Leu Ala Gln Ala Pro Ile
1 5 10

<210> 27811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27811
Asp Glu Trp Arg Gly Val Val Leu Ala Gln
1 5 10

<210> 27812
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27812
Tyr Met Tyr Thr Leu Leu Asp Asp Cys
1 5

<210> 27813
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27813
Tyr Met Tyr Thr Leu Leu Asp Asp Cys Lys
1 5 10

<210> 27814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27814
Val Thr Phe Pro Gln Gly Pro Ser Met
1 5

<210> 27815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27815
Gly Ser Ser Gly Ala Gln Val Thr Phe
1 5

<210> 27816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27816
Arg Gly Ser Ser Gly Ala Gln Val Thr Phe
1 5 10

<210> 27817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27817
Ala Gln Val Thr Phe Pro Gln Gly Pro Ser
1 5 10

<210> 27818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27818
Lys Val Ile Lys Ser Ser Thr Phe Ser
1 5

<210> 27819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27819
Gly Lys Val Ile Lys Ser Ser Thr Phe
1 5

<210> 27820
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27820
Phe Ser Phe Cys Arg Glu Glu Met Gly Lys
1 5 10

<210> 27821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27821

Met Gly Lys Val Ile Lys Ser Ser Thr Phe
1 5 10

<210> 27822
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27822
Lys Ser Glu Val Arg Ala Lys Val Lys
1 5

<210> 27823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27823
Arg Ala Lys Val Lys Phe Ser Ile Leu
1 5

<210> 27824
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27824
Lys Val Lys Phe Ser Ile Leu Asn Ala
1 5

<210> 27825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27825
Ser Glu Val Arg Ala Lys Val Lys Phe
1 5

<210> 27826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27826
Lys Val Lys Phe Ser Ile Leu Asn Ala Lys
1 5 10

<210> 27827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27827
Arg Ala Lys Val Lys Phe Ser Ile Leu Asn
1 5 10

<210> 27828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27828
Glu Val Arg Ala Lys Val Lys Phe Ser Ile
1 5 10

<210> 27829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27829
Lys Ser Glu Val Arg Ala Lys Val Lys Phe
1 5 10

<210> 27830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27830
Val Arg Ala Lys Val Lys Phe Ser Ile Leu
1 5 10

<210> 27831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27831
Ala Lys Val Lys Phe Ser Ile Leu Asn Ala
1 5 10

<210> 27832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27832
Cys Pro Lys Ser Glu Val Arg Ala Lys Val
1 5 10

<210> 27833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27833
Lys Ser Glu Val Arg Ala Lys Cys Lys
1 5

<210> 27834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27834
Arg Ala Lys Cys Lys Phe Ser Ile Leu
1 5

<210> 27835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27835
Lys Cys Lys Phe Ser Ile Leu Asn Ala
1 5

<210> 27836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27836
Ser Glu Val Arg Ala Lys Cys Lys Phe
1 5

<210> 27837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27837
Arg Ala Lys Cys Lys Phe Ser Ile Leu Asn
1 5 10

<210> 27838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27838
Lys Cys Lys Phe Ser Ile Leu Asn Ala Lys

1 5 10

<210> 27839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27839
Glu Val Arg Ala Lys Cys Lys Phe Ser Ile
1 5 10

<210> 27840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27840
Lys Ser Glu Val Arg Ala Lys Cys Lys Phe
1 5 10

<210> 27841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27841
Val Arg Ala Lys Cys Lys Phe Ser Ile Leu
1 5 10

<210> 27842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27842
Gln Gly Lys Asp Gly Gly Phe Lys Lys
1 5

<210> 27843

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27843
Gly Gly Phe Lys Lys Phe Ile Arg Arg
1 5

<210> 27844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27844
Gly Lys Asp Gly Gly Phe Lys Lys Phe
1 5

<210> 27845
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27845
Arg Phe Val Gln Gly Lys Asp Gly Gly Phe
1 5 10

<210> 27846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27846
Phe Val Gln Gly Lys Asp Trp Gly Ile
1 5

<210> 27847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27847
Asp Trp Gly Ile Lys Lys Phe Ile Arg
1 5

<210> 27848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27848
Trp Gly Ile Lys Lys Phe Ile Arg Arg
1 5

<210> 27849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27849
Gly Lys Asp Trp Gly Ile Lys Lys Phe
1 5

<210> 27850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27850
Arg Phe Val Gln Gly Lys Asp Trp Gly Ile
1 5 10

<210> 27851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27851
Asp Trp Gly Ile Lys Lys Phe Ile Arg Arg
1 5 10

<210> 27852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27852
Phe Val Gln Gly Lys Asp Trp Gly Val
1 5

<210> 27853
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27853
Asp Trp Gly Val Lys Lys Phe Ile Arg
1 5

<210> 27854
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27854
Gly Lys Asp Trp Gly Val Lys Lys Phe
1 5

<210> 27855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27855
Asp Trp Gly Val Lys Lys Phe Ile Arg Arg
1 5 10

<210> 27856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27856
Asp Trp Gly Cys Lys Lys Phe Ile Arg
1 5

<210> 27857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27857
Gly Lys Asp Trp Gly Cys Lys Lys Phe
1 5

<210> 27858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27858
Asp Trp Gly Cys Lys Lys Phe Ile Arg Arg
1 5 10

<210> 27859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27859
Phe Val Gln Gly Lys Asp Trp Gly Leu
1 5

<210> 27860
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27860
Asp Trp Gly Leu Lys Lys Phe Ile Arg
1 5

<210> 27861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27861
Gly Lys Asp Trp Gly Leu Lys Lys Phe
1 5

<210> 27862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27862
Leu Lys Lys Phe Ile Arg Arg Asp Phe
1 5

<210> 27863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27863
Phe Val Gln Gly Lys Asp Trp Gly Leu Lys
1 5 10

<210> 27864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27864
Arg Phe Val Gln Gly Lys Asp Trp Gly Leu
1 5 10

<210> 27865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27865
Asp Trp Gly Leu Lys Lys Phe Ile Arg Arg
1 5 10

<210> 27866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27866
Trp Ile Glu Glu Thr Leu Ile Arg Val
1 5

<210> 27867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27867
Glu Glu Ser Trp Ile Glu Glu Thr Leu
1 5

<210> 27868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27868
Ser Trp Ile Glu Glu Thr Leu Ile Arg Val
1 5 10

<210> 27869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27869
Thr Leu Ile Arg Val Ser Ser Gln Asp Tyr
1 5 10

<210> 27870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27870
Glu Ser Trp Ile Glu Glu Thr Leu Ile Arg
1 5 10

<210> 27871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27871
Asp Glu Glu Ser Trp Ile Glu Glu Thr Leu
1 5 10

<210> 27872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27872
Glu Glu Ser Trp Ile Glu Glu Thr Leu Ile
1 5 10

<210> 27873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27873
Arg Tyr Val Ala Leu Leu Lys Arg Trp
1 5

<210> 27874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27874
Ala Ile Glu Glu Arg Tyr Val Ala Leu
1 5

<210> 27875
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27875
Lys Ala Ile Glu Glu Arg Tyr Val Ala
1 5

<210> 27876
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27876
Ile Glu Glu Arg Tyr Val Ala Leu Leu
1 5

<210> 27877
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27877
Ala Ile Glu Glu Arg Tyr Val Ala Leu Leu
1 5 10

<210> 27878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27878
Lys Ala Ile Glu Glu Arg Tyr Val Ala Leu
1 5 10

<210> 27879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27879
Leu Ala Gln Gln Trp Tyr Gln Leu Tyr
1 5

<210> 27880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27880
Gly Leu Ala Gln Gln Trp Tyr Gln Leu
1 5

<210> 27881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27881
Gln Gln Trp Tyr Gln Leu Tyr Gln Leu
1 5

<210> 27882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27882
Trp Tyr Gln Leu Tyr Gln Leu Gly Leu
1 5

<210> 27883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27883
Ala Gln Gln Trp Tyr Gln Leu Tyr Gln
1 5

<210> 27884
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27884
Ser Thr Ile Gly Leu Ala Gln Gln Trp Tyr
1 5 10

<210> 27885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27885

Ala Gln Gln Trp Tyr Gln Leu Tyr Gln Leu
1 5 10

<210> 27886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27886
Gln Trp Tyr Gln Leu Tyr Gln Leu Gly Leu
1 5 10

<210> 27887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27887
Gly Leu Ala Gln Gln Trp Tyr Gln Leu Tyr
1 5 10

<210> 27888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27888
Trp Tyr Gln Leu Tyr Gln Leu Gly Leu Arg
1 5 10

<210> 27889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27889
Tyr Gln Leu Tyr Gln Leu Gly Leu Arg Met
1 5 10

<210> 27890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27890
Ala Leu Ala Glu Cys Lys Ser Tyr Ile
1 5

<210> 27891
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27891
Gln Ala Leu Ala Glu Cys Lys Ser Tyr
1 5

<210> 27892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27892
Ala Leu Ala Glu Cys Lys Ser Tyr Ile Thr
1 5 10

<210> 27893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27893
Asn Ala Phe Gln Ala Leu Ala Glu Cys Lys
1 5 10

<210> 27894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27894
Phe Gln Ala Leu Ala Glu Cys Lys Ser Tyr
1 5 10

<210> 27895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27895
Cys Lys Ser Tyr Ile Thr Lys Glu Asp Met
1 5 10

<210> 27896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27896
Arg Leu Leu Ile Lys Leu Leu Glu Val
1 5

<210> 27897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27897
Leu Leu Ile Lys Leu Leu Glu Val Leu
1 5

<210> 27898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27898
Arg Asp Gly Arg Leu Leu Ile Lys Leu
1 5

<210> 27899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27899
Arg Leu Leu Ile Lys Leu Leu Glu Val Leu
1 5 10

<210> 27900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27900
Asp Leu Arg Asp Gly Arg Leu Leu Ile Lys
1 5 10

<210> 27901
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27901
Ala Thr Arg Leu Gln Thr Val Tyr Ala
1 5

<210> 27902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27902
Val Ala Thr Arg Leu Gln Thr Val Tyr

1 5

<210> 27903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27903
Asp Val Ala Thr Arg Leu Gln Thr Val
1 5

<210> 27904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27904
Arg Leu Gln Thr Val Tyr Ala Gly Glu Lys
1 5 10

<210> 27905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27905
Val Tyr Ala Gly Glu Lys Ala Glu Ala Ile
1 5 10

<210> 27906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27906
Ala Thr Arg Leu Gln Thr Val Tyr Ala Gly
1 5 10

<210> 27907

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27907
Thr Val Tyr Ala Gly Glu Lys Ala Glu Ala
1 5 10

<210> 27908
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27908
Asp Val Ala Thr Arg Leu Gln Thr Val Tyr
1 5 10

<210> 27909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27909
Leu Gln Thr Val Tyr Ala Gly Glu Lys Ala
1 5 10

<210> 27910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27910
Glu Leu Glu Val Arg Val Pro Glu Leu
1 5

<210> 27911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27911
Thr Glu Leu Glu Val Arg Val Pro Glu
1 5

<210> 27912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27912
Gly Leu Lys Thr Glu Leu Glu Val Arg Val
1 5 10

<210> 27913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27913
His Gln Gly Leu Lys Thr Glu Leu Glu Val
1 5 10

<210> 27914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27914
Thr Glu Leu Glu Val Arg Val Pro Glu Leu
1 5 10

<210> 27915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27915
Leu Glu Val Arg Val Pro Glu Leu Thr Thr
1 5 10

<210> 27916
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27916
Lys Lys Glu Gln Lys Asp Phe Val Pro Leu
1 5 10

<210> 27917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27917
Gly Pro Arg Gly Gly Leu Ser Val Ala
1 5

<210> 27918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27918
Gly Leu Gly Pro Arg Gly Gly Leu Ser Val
1 5 10

<210> 27919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27919
Gly Pro Arg Gly Gly Leu Ser Val Ala Leu
1 5 10

<210> 27920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27920
Gly Leu Pro Gly Gly Lys Ala Glu Ala
1 5

<210> 27921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27921
Arg Gln Pro Pro Pro Thr Thr Ser Phe
1 5

<210> 27922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27922
Thr Ser Phe Pro Phe Leu Ser Gly Leu
1 5

<210> 27923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27923
Arg Pro Arg Arg Gln Pro Pro Pro Thr
1 5

<210> 27924
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27924
Phe Pro Phe Leu Ser Gly Leu Pro Gly
1 5

<210> 27925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27925
Phe Leu Ser Gly Leu Pro Gly Gly Lys Ala
1 5 10

<210> 27926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27926
Gly Leu Pro Gly Gly Lys Ala Glu Ala Ala
1 5 10

<210> 27927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27927
Thr Thr Ser Phe Pro Phe Leu Ser Gly Leu
1 5 10

<210> 27928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27928
Arg Pro Arg Arg Gln Pro Pro Pro Thr Thr
1 5 10

<210> 27929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27929
Gln Pro Pro Pro Thr Thr Ser Phe Pro Phe
1 5 10

<210> 27930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27930
Arg Arg Gln Pro Pro Pro Thr Thr Ser Phe
1 5 10

<210> 27931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27931
Phe Pro Phe Leu Ser Gly Leu Pro Gly Gly
1 5 10

<210> 27932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27932
Gly Leu Pro Gly Gly Lys Ala Glu Ala
1 5

<210> 27933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27933
Arg Gln Pro Pro Pro Thr Thr Ser Phe
1 5

<210> 27934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27934
Thr Ser Phe Pro Phe Leu Ser Gly Leu
1 5

<210> 27935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27935
Arg Pro Arg Arg Gln Pro Pro Pro Thr
1 5

<210> 27936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27936
Phe Pro Phe Leu Ser Gly Leu Pro Gly
1 5

<210> 27937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27937
Phe Leu Ser Gly Leu Pro Gly Gly Lys Ala
1 5 10

<210> 27938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27938
Gly Leu Pro Gly Gly Lys Ala Glu Ala Ala
1 5 10

<210> 27939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27939
Thr Thr Ser Phe Pro Phe Leu Ser Gly Leu
1 5 10

<210> 27940
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27940
Arg Pro Arg Arg Gln Pro Pro Pro Thr Thr
1 5 10

<210> 27941
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27941
Gln Pro Pro Pro Thr Thr Ser Phe Pro Phe
1 5 10

<210> 27942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27942
Arg Arg Gln Pro Pro Pro Thr Thr Ser Phe
1 5 10

<210> 27943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27943
Phe Pro Phe Leu Ser Gly Leu Pro Gly Gly
1 5 10

<210> 27944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 27944
Phe Glu Met Pro Pro Pro Ala Pro Arg
1 5

<210> 27945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27945
Val Asp Phe Glu Met Pro Pro Pro Ala
1 5

<210> 27946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27946
Asp Phe Glu Met Pro Pro Pro Ala Pro Arg
1 5 10

<210> 27947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27947
Arg Trp Leu Cys His Pro Trp Ala Arg
1 5

<210> 27948
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27948
Arg Ser Phe Ser Trp Ser Gly Ala Gly
1 5

<210> 27949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27949

His Pro Trp Ala Arg Ser Phe Ser Trp
1 5

<210> 27950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27950
Ser Leu Arg Trp Leu Cys His Pro Trp
1 5

<210> 27951
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27951
Leu Cys His Pro Trp Ala Arg Ser Phe
1 5

<210> 27952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27952
Ser Leu Arg Trp Leu Cys His Pro Trp Ala
1 5 10

<210> 27953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27953
Cys His Pro Trp Ala Arg Ser Phe Ser Trp
1 5 10

<210> 27954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27954
Arg Trp Leu Cys His Pro Trp Ala Arg Ser
1 5 10

<210> 27955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27955
Trp Ala Arg Ser Phe Ser Trp Ser Gly Ala
1 5 10

<210> 27956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27956
Arg Ser Phe Ser Trp Ser Gly Ala Gly Leu
1 5 10

<210> 27957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27957
His Pro Trp Ala Arg Ser Phe Ser Trp Ser
1 5 10

<210> 27958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27958
Trp Leu Cys His Pro Trp Ala Arg Ser Phe
1 5 10

<210> 27959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27959
Asp Ser Leu Arg Trp Leu Cys His Pro Trp
1 5 10

<210> 27960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27960
Met Glu Tyr Ser Arg Asn Leu Glu Lys
1 5

<210> 27961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27961
Lys Lys Ala Glu Ile Glu Met Glu Tyr
1 5

<210> 27962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 27962
Ile Glu Met Glu Tyr Ser Arg Asn Leu
1 5

<210> 27963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27963
Arg Lys Lys Ala Glu Ile Glu Met Glu Tyr
1 5 10

<210> 27964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27964
Met Glu Tyr Ser Arg Asn Leu Glu Lys Leu
1 5 10

<210> 27965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27965
Ser Ala Gly Gly Thr Phe Gln Pro Tyr
1 5

<210> 27966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27966
Gly Ser Ala Gly Gly Thr Phe Gln Pro Tyr

1 5 10

<210> 27967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27967
Ala Asp Gly Gly Ser Ala Gly Gly Thr Phe
1 5 10

<210> 27968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27968
Asn Leu Ser Asp Ser Arg Thr Pro Ala
1 5

<210> 27969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27969
Asn Leu Ser Asp Ser Arg Thr Pro Ala Ala
1 5 10

<210> 27970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27970
Arg Trp Arg Arg Trp Trp Trp Arg Arg
1 5

<210> 27971

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27971
Arg Trp Trp Trp Arg Arg Arg Arg Arg
1 5

<210> 27972
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27972
Gly Ala Arg Trp Arg Arg Trp Trp Trp Arg
1 5 10

<210> 27973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27973
Arg Trp Arg Arg Trp Trp Trp Arg Arg Arg
1 5 10

<210> 27974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27974
Arg Trp Trp Trp Arg Arg Arg Arg Arg His
1 5 10

<210> 27975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27975
Trp Trp Trp Arg Arg Arg Arg Arg His Arg
1 5 10

<210> 27976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27976
Ala Leu Ala Pro Ala Pro Trp Gly Thr
1 5

<210> 27977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27977
Ala Leu Ser Pro Arg Ala His Pro Cys
1 5

<210> 27978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27978
Arg Ala Ser Pro Ala Leu Ser Pro Arg
1 5

<210> 27979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27979
Ser Ala Ser Gly Ala Pro Ala Pro Arg
1 5

<210> 27980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27980
Gln Ser Arg Ala Ser Pro Ala Leu Ser
1 5

<210> 27981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27981
Arg Ala His Pro Cys Ala Cys Arg Ala
1 5

<210> 27982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27982
Arg Gly Ser Ala Ser Gly Ala Pro Ala
1 5

<210> 27983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27983
Ser Pro Ala Leu Ser Pro Arg Ala His
1 5

<210> 27984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27984
Ser Pro Arg Ala His Pro Cys Ala Cys
1 5

<210> 27985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27985
Ala Pro Ala Pro Trp Gly Thr Ala Gly
1 5

<210> 27986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27986
Glu Gln Ser Arg Ala Ser Pro Ala Leu
1 5

<210> 27987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27987
Cys Arg Ala Leu Ala Pro Ala Pro Trp
1 5

<210> 27988
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27988
Glu Glu Gln Ser Arg Ala Ser Pro Ala
1 5

<210> 27989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27989
Ala Leu Ala Pro Ala Pro Trp Gly Thr Ala
1 5 10

<210> 27990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27990
Ala Leu Ser Pro Arg Ala His Pro Cys Ala
1 5 10

<210> 27991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27991
Gly Ser Ala Ser Gly Ala Pro Ala Pro Arg
1 5 10

<210> 27992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27992
Arg Ala Ser Pro Ala Leu Ser Pro Arg Ala
1 5 10

<210> 27993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27993
Arg Ala His Pro Cys Ala Cys Arg Ala Leu
1 5 10

<210> 27994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27994
Arg Glu Glu Gln Ser Arg Ala Ser Pro Ala
1 5 10

<210> 27995
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27995
Glu Glu Gln Ser Arg Ala Ser Pro Ala Leu
1 5 10

<210> 27996
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27996
Ala Cys Arg Ala Leu Ala Pro Ala Pro Trp
1 5 10

<210> 27997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27997
Gly Ser Gly Gln Val Thr Gly Asn Tyr
1 5

<210> 27998
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27998
Gly Gln Val Thr Gly Asn Tyr Ala Ser
1 5

<210> 27999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 27999
Gln Val Thr Gly Asn Tyr Ala Ser His Arg
1 5 10

<210> 28000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28000
Gly Gln Val Thr Gly Asn Tyr Ala Ser His
1 5 10

<210> 28001
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28001
Leu Leu Ala Asn Leu Pro Ala Gly Ser
1 5

<210> 28002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28002
Gln Gln Gln Leu Leu Leu Ala Asn Leu
1 5

<210> 28003
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28003
Leu Ala Asn Leu Pro Ala Gly Ser Leu
1 5

<210> 28004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28004
Leu Leu Ala Asn Leu Pro Ala Gly Ser Leu
1 5 10

<210> 28005
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28005
Asn Leu Pro Ala Gly Ser Leu Arg Cys Ile
1 5 10

<210> 28006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28006
Leu Ala Asn Leu Pro Ala Gly Ser Leu Arg
1 5 10

<210> 28007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28007
Gln Gln Leu Leu Leu Ala Asn Leu Pro Ala
1 5 10

<210> 28008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28008
Gly Leu Gly Ala Cys Leu Gln Pro Leu
1 5

<210> 28009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28009
Arg Gly Cys Ala Arg Trp Ala Gly Val
1 5

<210> 28010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28010
Cys Ala Arg Trp Ala Gly Val Ala Ala
1 5

<210> 28011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28011
Arg Trp Ala Gly Val Ala Ala Ala Ala
1 5

<210> 28012
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28012
Ile Ala Ala Ala Pro Trp Val Gly Ala
1 5

<210> 28013
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28013

Gln Pro Leu Pro Gly Ile Ala Ala Ala
1 5

<210> 28014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28014
Ala Arg Trp Ala Gly Val Ala Ala Ala
1 5

<210> 28015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28015
Leu Gln Pro Leu Pro Gly Ile Ala Ala
1 5

<210> 28016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28016
Leu Pro Gly Ile Ala Ala Ala Pro Trp
1 5

<210> 28017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28017
Gly Ile Ala Ala Ala Pro Trp Val Gly Ala
1 5 10

<210> 28018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28018
Arg Gly Cys Ala Arg Trp Ala Gly Val Ala
1 5 10

<210> 28019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28019
Cys Ala Arg Trp Ala Gly Val Ala Ala Ala
1 5 10

<210> 28020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28020
Leu Leu Pro Pro Pro Arg Gly Cys Ala Arg
1 5 10

<210> 28021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28021
Ala Arg Trp Ala Gly Val Ala Ala Ala Ala
1 5 10

<210> 28022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28022
Ala Ala Ala Ala Gly Leu Gly Ala Cys Leu
1 5 10

<210> 28023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28023
Ala Gly Leu Gly Ala Cys Leu Gln Pro Leu
1 5 10

<210> 28024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28024
Leu Gln Pro Leu Pro Gly Ile Ala Ala Ala
1 5 10

<210> 28025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28025
Leu Pro Pro Pro Arg Gly Cys Ala Arg Trp
1 5 10

<210> 28026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28026
Leu Pro Gly Ile Ala Ala Ala Pro Trp Val
1 5 10

<210> 28027
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28027
Val Leu Asn Asn Lys Phe Trp Leu Arg
1 5

<210> 28028
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28028
Trp Leu Arg Cys Lys Asn Cys Lys Thr
1 5

<210> 28029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28029
Ile Val Leu Asn Asn Lys Phe Trp Leu Arg
1 5 10

<210> 28030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28030
Arg Met Ile Val Leu Asn Asn Lys Phe Trp

1 5 10

<210> 28031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28031
Lys Phe Trp Leu Arg Cys Lys Asn Cys Lys
1 5 10

<210> 28032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28032
Met Ile Val Leu Asn Asn Lys Phe Trp Leu
1 5 10

<210> 28033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28033
Lys His Lys Ala Glu Ile Leu Lys Lys
1 5

<210> 28034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28034
Tyr Leu Gln Ser Lys Asn Lys His Lys Ala
1 5 10

<210> 28035

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28035
Lys Asn Lys His Lys Ala Glu Ile Leu Lys
1 5 10

<210> 28036
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28036
Ser Lys Asn Lys His Lys Ala Glu Ile Leu
1 5 10

<210> 28037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28037
His Val Gln Arg Thr Ala Gln Pro Leu
1 5

<210> 28038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28038
Arg Thr Ala Gln Pro Leu Pro Gln Ser Ile
1 5 10

<210> 28039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28039
Ile His Val Gln Arg Thr Ala Gln Pro Leu
1 5 10

<210> 28040
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28040
Leu Leu Cys Trp Pro Arg Pro Gln Leu
1 5

<210> 28041
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28041
Ala Val Leu Leu Leu Cys Trp Pro Arg
1 5

<210> 28042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28042
Phe Ser Asn Pro Pro Asn Gly Pro Leu
1 5

<210> 28043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28043
Glu Leu Ala Gly Pro Cys Ser Gln Leu
1 5

<210> 28044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28044
Asn Pro Pro Asn Gly Pro Leu Glu Leu
1 5

<210> 28045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28045
Trp Pro Arg Pro Gln Leu Arg Pro Ala
1 5

<210> 28046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28046
Arg Pro Gln Leu Arg Pro Ala Glu His
1 5

<210> 28047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28047
Gln Gln Phe Phe Ser Asn Pro Pro Asn
1 5

<210> 28048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28048
Ala Glu His Ala Glu Lys Gln Ala Val
1 5

<210> 28049
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28049
Leu Leu Leu Cys Trp Pro Arg Pro Gln Leu
1 5 10

<210> 28050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28050
Gln Leu Arg Pro Ala Glu His Ala Glu Lys
1 5 10

<210> 28051
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28051
Ser Gln Leu Ala Val Leu Leu Leu Cys Trp
1 5 10

<210> 28052
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28052
Leu Ala Val Leu Leu Leu Cys Trp Pro Arg
1 5 10

<210> 28053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28053
Leu Leu Cys Trp Pro Arg Pro Gln Leu Arg
1 5 10

<210> 28054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28054
Glu Leu Ala Gly Pro Cys Ser Gln Leu Ala
1 5 10

<210> 28055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28055
Trp Pro Arg Pro Gln Leu Arg Pro Ala Glu
1 5 10

<210> 28056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28056
Arg Pro Gln Leu Arg Pro Ala Glu His Ala
1 5 10

<210> 28057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28057
Arg Pro Ala Glu His Ala Glu Lys Gln Ala
1 5 10

<210> 28058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28058
Gln Gln Phe Phe Ser Asn Pro Pro Asn Gly
1 5 10

<210> 28059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28059
Phe Phe Ser Asn Pro Pro Asn Gly Pro Leu
1 5 10

<210> 28060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28060
Leu Glu Leu Ala Gly Pro Cys Ser Gln Leu
1 5 10

<210> 28061
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28061
Ala Glu Lys Gln Ala Val Arg Ala Glu Leu
1 5 10

<210> 28062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28062
Ile Ile Met Gly Tyr Lys Ile Met Val
1 5

<210> 28063
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28063
Ile Met Gly Tyr Lys Ile Met Val Ala
1 5

<210> 28064
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28064
Ile Met Val Ala Thr Asn Ile Leu Val
1 5

<210> 28065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28065
Lys Ile Met Val Ala Thr Asn Ile Leu
1 5

<210> 28066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28066
Tyr Lys Ile Met Val Ala Thr Asn Ile
1 5

<210> 28067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28067
Ile Ile Met Gly Tyr Lys Ile Met Val Ala
1 5 10

<210> 28068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28068
Lys Ile Met Val Ala Thr Asn Ile Leu Val
1 5 10

<210> 28069
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28069
Ile Met Gly Tyr Lys Ile Met Val Ala Thr
1 5 10

<210> 28070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28070
Gly Tyr Lys Ile Met Val Ala Thr Asn Ile
1 5 10

<210> 28071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28071
Glu Ile Ile Met Gly Tyr Lys Ile Met Val
1 5 10

<210> 28072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28072
Tyr Lys Ile Met Val Ala Thr Asn Ile Leu
1 5 10

<210> 28073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28073
Ile Met Val Ala Thr Asn Ile Leu Val Ser
1 5 10

<210> 28074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28074
Val Ala Thr Asn Ile Leu Val Ser Pro Leu
1 5 10

<210> 28075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28075
His Met Asn Pro Pro Pro Gly Glu Gly His
1 5 10

<210> 28076
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28076
Leu Leu Cys Pro Val Gln Glu Pro Ala
1 5

<210> 28077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28077

Ala Ser Gly Ser Trp Gly Trp Ser Arg
1 5

<210> 28078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28078
Ser Gly Ser Trp Gly Trp Ser Arg Lys
1 5

<210> 28079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28079
Ser Trp Gly Trp Ser Arg Lys His Trp
1 5

<210> 28080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28080
Arg Phe Leu Gly Ala Pro Ser Gln Ala
1 5

<210> 28081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28081
Trp Ser Arg Lys His Trp Arg Asn His
1 5

<210> 28082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28082
Trp Gly Trp Ser Arg Lys His Trp Arg
1 5

<210> 28083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28083
Arg Glu Ala Gly Ala Gly Ala Glu Cys
1 5

<210> 28084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28084
Arg Asn His Gln Gln His Cys Ala Leu
1 5

<210> 28085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28085
Cys Ala Leu Gly Glu Gln His Ser Trp
1 5

<210> 28086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28086
Gly Glu Gln His Ser Trp Glu Leu Leu
1 5

<210> 28087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28087
Glu Gln His Ser Trp Glu Leu Leu Leu
1 5

<210> 28088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28088
Trp Glu Leu Leu Leu Cys Pro Val Gln
1 5

<210> 28089
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28089
Phe Leu Gly Ala Pro Ser Gln Ala Ser Ala
1 5 10

<210> 28090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28090
Ala Leu Gly Glu Gln His Ser Trp Glu Leu
1 5 10

<210> 28091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28091
His Ser Trp Glu Leu Leu Leu Cys Pro Val
1 5 10

<210> 28092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28092
Leu Leu Leu Cys Pro Val Gln Glu Pro Ala
1 5 10

<210> 28093
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28093
Cys Ala Ser Gly Ser Trp Gly Trp Ser Arg
1 5 10

<210> 28094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28094
Ala Ser Gly Ser Trp Gly Trp Ser Arg Lys

1 5 10

<210> 28095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28095
His Trp Arg Asn His Gln Gln His Cys Ala
1 5 10

<210> 28096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28096
Ser Trp Gly Trp Ser Arg Lys His Trp Arg
1 5 10

<210> 28097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28097
Leu Arg Phe Leu Gly Ala Pro Ser Gln Ala
1 5 10

<210> 28098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28098
Ser Gln Ala Ser Ala Gly Gln Gly Arg His
1 5 10

<210> 28099

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28099
Arg Glu Ala Gly Ala Gly Ala Glu Cys Ala
1 5 10

<210> 28100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28100
Ala Gly Ala Glu Cys Ala Ser Gly Ser Trp
1 5 10

<210> 28101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28101
Ala Glu Cys Ala Ser Gly Ser Trp Gly Trp
1 5 10

<210> 28102
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28102
Gly Ser Trp Gly Trp Ser Arg Lys His Trp
1 5 10

<210> 28103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28103
Arg Lys His Trp Arg Asn His Gln Gln His
1 5 10

<210> 28104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28104
Trp Arg Asn His Gln Gln His Cys Ala Leu
1 5 10

<210> 28105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28105
Gln Gln His Cys Ala Leu Gly Glu Gln His
1 5 10

<210> 28106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28106
Gly Glu Gln His Ser Trp Glu Leu Leu Leu
1 5 10

<210> 28107
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28107
His Gly Asn Gln His Asn Asn Ala Lys
1 5

<210> 28108
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28108
Asn Gln His Asn Asn Ala Lys Ala Thr
1 5

<210> 28109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28109
Asn Gln His Asn Asn Ala Lys Ala Thr Ile
1 5 10

<210> 28110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28110
Tyr Ala Ile Pro Gly Asp Cys Gly Pro Arg
1 5 10

<210> 28111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28111
Ile Pro Gly Asp Cys Gly Pro Arg Ser Leu
1 5 10

<210> 28112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28112
Ser Leu Gln Glu Leu Glu Glu Leu Leu
1 5

<210> 28113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28113
Gln Glu Leu Glu Glu Leu Leu Ser Ala
1 5

<210> 28114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28114
Leu Ile Cys Ser Arg Ser Leu Gln Glu Leu
1 5 10

<210> 28115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28115
Arg Ser Leu Gln Glu Leu Glu Glu Leu Leu
1 5 10

<210> 28116
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28116
Leu Gln Glu Leu Glu Glu Leu Leu Ser Ala
1 5 10

<210> 28117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28117
Gln Glu Leu Glu Glu Leu Leu Ser Ala Cys
1 5 10

<210> 28118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28118
Ser Ala Pro Glu Asn Pro Ile Phe Arg
1 5

<210> 28119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28119
Asn Pro Ile Phe Arg Phe Ser Ser Leu
1 5

<210> 28120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28120
Cys Ser Ala Pro Glu Asn Pro Ile Phe
1 5

<210> 28121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28121
Cys Ser Ala Pro Glu Asn Pro Ile Phe Arg
1 5 10

<210> 28122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28122
Ser Ala Pro Glu Asn Pro Ile Phe Arg Phe
1 5 10

<210> 28123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28123
Arg His Cys Ser Ala Pro Glu Asn Pro Ile
1 5 10

<210> 28124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28124
His Cys Ser Ala Pro Glu Asn Pro Ile Phe
1 5 10

<210> 28125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28125
Asn Pro Ile Phe Arg Phe Ser Ser Leu His
1 5 10

<210> 28126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28126
Ile Ile Gln Arg Gln Trp Arg Gly Lys
1 5

<210> 28127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28127
Leu Pro Gly Arg Gly Arg Cys Glu Leu
1 5

<210> 28128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28128
Gln Arg Gln Trp Arg Gly Lys Pro Leu
1 5

<210> 28129
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28129
Arg Gln Trp Arg Gly Lys Pro Leu Pro
1 5

<210> 28130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28130
Ala Ile Ile Gln Arg Gln Trp Arg Gly Lys
1 5 10

<210> 28131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28131
Gln Trp Arg Gly Lys Pro Leu Pro Gly Arg
1 5 10

<210> 28132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28132
Arg Gly Lys Pro Leu Pro Gly Arg Gly Arg
1 5 10

<210> 28133
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28133
Ile Gln Arg Gln Trp Arg Gly Lys Pro Leu
1 5 10

<210> 28134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28134
Arg Gln Trp Arg Gly Lys Pro Leu Pro Gly
1 5 10

<210> 28135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28135
Ile Leu Val Leu Pro Cys Ile Tyr Val
1 5

<210> 28136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28136
Val Leu Pro Cys Ile Tyr Val Phe Val
1 5

<210> 28137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28137
Tyr Val Phe Val Lys Val Asp Leu Arg
1 5

<210> 28138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28138
Leu Val Leu Pro Cys Ile Tyr Val Phe
1 5

<210> 28139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28139
Ile Tyr Val Phe Val Lys Val Asp Leu
1 5

<210> 28140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28140
Leu Ile Leu Val Leu Pro Cys Ile Tyr
1 5

<210> 28141
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28141

Leu Ile Leu Val Leu Pro Cys Ile Tyr Val
1 5 10

<210> 28142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28142
Leu Val Leu Pro Cys Ile Tyr Val Phe Val
1 5 10

<210> 28143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28143
Val Leu Pro Cys Ile Tyr Val Phe Val Lys
1 5 10

<210> 28144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28144
Ile Leu Val Leu Pro Cys Ile Tyr Val Phe
1 5 10

<210> 28145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28145
Gly Leu Ile Leu Val Leu Pro Cys Ile Tyr
1 5 10

<210> 28146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28146
Ile Tyr Val Phe Val Lys Val Asp Leu Arg
1 5 10

<210> 28147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28147
Leu Pro Cys Ile Tyr Val Phe Val Lys Val
1 5 10

<210> 28148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28148
Cys Leu Cys Phe Val Asn Gly Ser Leu
1 5

<210> 28149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28149
Phe Val Asn Gly Ser Leu Glu Cys Phe
1 5

<210> 28150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28150
Gly Ser Leu Glu Cys Phe Leu Thr Leu
1 5

<210> 28151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28151
Phe Val Asn Gly Ser Leu Glu Cys Phe Leu
1 5 10

<210> 28152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28152
Cys Phe Val Asn Gly Ser Leu Glu Cys Phe
1 5 10

<210> 28153
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28153
Gly Ser Trp Tyr Ile Asp Glu Pro Arg
1 5

<210> 28154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28154
Thr Leu Trp Ser Ser Ala Phe Ser Ala
1 5

<210> 28155
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28155
Trp Ser Ser Ala Phe Ser Ala Thr Arg
1 5

<210> 28156
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28156
Val Thr Arg Pro Pro Thr Pro Thr Thr
1 5

<210> 28157
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28157
Ala Thr Arg Met Pro Gly Pro Val Pro
1 5

<210> 28158
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28158
Thr Thr Leu Trp Ser Ser Ala Phe Ser

1 5

<210> 28159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28159
Ser Thr Thr Leu Trp Ser Ser Ala Phe
1 5

<210> 28160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28160
Ser Ser Ala Phe Ser Ala Thr Arg Met
1 5

<210> 28161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28161
Thr Arg Met Pro Gly Pro Val Pro Ala
1 5

<210> 28162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28162
Met Pro Gly Pro Val Pro Ala Pro Ser
1 5

<210> 28163

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28163
Ser Pro Pro Thr Ser Thr Thr Leu Trp
1 5

<210> 28164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28164
Thr Leu Trp Ser Ser Ala Phe Ser Ala Thr
1 5 10

<210> 28165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28165
Phe Ser Ala Thr Arg Met Pro Gly Pro Val
1 5 10

<210> 28166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28166
Thr Thr Leu Trp Ser Ser Ala Phe Ser Ala
1 5 10

<210> 28167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28167
Ala Thr Arg Met Pro Gly Pro Val Pro Ala
1 5 10

<210> 28168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28168
Ser Thr Pro Gly Pro Pro Thr Val Thr Arg
1 5 10

<210> 28169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28169
Leu Trp Ser Ser Ala Phe Ser Ala Thr Arg
1 5 10

<210> 28170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28170
Thr Thr Ser Thr Pro Gly Pro Pro Thr Val
1 5 10

<210> 28171
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28171
Glu Pro Ser Pro Pro Thr Ser Thr Thr Leu
1 5 10

<210> 28172
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28172
Thr Ser Thr Thr Leu Trp Ser Ser Ala Phe
1 5 10

<210> 28173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28173
Trp Ser Ser Ala Phe Ser Ala Thr Arg Met
1 5 10

<210> 28174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28174
Glu Thr Asn Asn Leu Glu Gln Ile Leu
1 5

<210> 28175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28175
Val Glu Thr Asn Asn Leu Glu Gln Ile
1 5

<210> 28176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28176
Val Glu Thr Asn Asn Leu Glu Gln Ile Leu
1 5 10

<210> 28177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28177
Ile Leu Asp Tyr Phe Arg Glu Ala Tyr
1 5

<210> 28178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28178
Asn Ile Leu Asp Tyr Phe Arg Glu Ala
1 5

<210> 28179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28179
Asp Tyr Phe Arg Glu Ala Tyr Phe Trp
1 5

<210> 28180
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28180
Tyr Phe Arg Glu Ala Tyr Phe Trp Leu
1 5

<210> 28181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28181
Gly Thr Arg Asn Ile Leu Asp Tyr Phe
1 5

<210> 28182
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28182
Leu Asp Tyr Phe Arg Glu Ala Tyr Phe
1 5

<210> 28183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28183
Gly Thr Arg Asn Ile Leu Asp Tyr Phe Arg
1 5 10

<210> 28184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28184
Asp Tyr Phe Arg Glu Ala Tyr Phe Trp Leu
1 5 10

<210> 28185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28185
Tyr Phe Arg Glu Ala Tyr Phe Trp Leu Arg
1 5 10

<210> 28186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28186
Asn Ile Leu Asp Tyr Phe Arg Glu Ala Tyr
1 5 10

<210> 28187
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28187
Ile Leu Asp Tyr Phe Arg Glu Ala Tyr Phe
1 5 10

<210> 28188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28188
Asp Glu Ser Gly Asn Leu Thr Ser Val
1 5

<210> 28189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28189
Leu Thr Ser Val Asp Leu Arg Ile Arg Arg
1 5 10

<210> 28190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28190
Asn Ile Arg Ala Arg Gln Glu Gly Lys
1 5

<210> 28191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28191
Glu Thr Lys Lys Leu Ser Asn Ile Arg
1 5

<210> 28192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28192
Arg Gln Val Asn Gly Ile Asn Pro Asn
1 5

<210> 28193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28193
Asn Pro Asn Gly Asp Ser Ala Glu Phe
1 5

<210> 28194
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28194
Arg Gln Val Asn Gly Ile Asn Pro Asn Gly
1 5 10

<210> 28195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28195
Gln Gln Phe Pro Phe Leu Glu Met Lys
1 5

<210> 28196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28196
Gln Phe Pro Phe Leu Glu Met Lys Ile
1 5

<210> 28197
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28197
Ala Pro Thr His Gln Gln Phe Pro Phe
1 5

<210> 28198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28198
His Gln Gln Phe Pro Phe Leu Glu Met
1 5

<210> 28199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28199
Lys Arg Ala Pro Thr His Gln Gln Phe
1 5

<210> 28200
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28200
His Gln Gln Phe Pro Phe Leu Glu Met Lys
1 5 10

<210> 28201
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28201
Arg Ala Pro Thr His Gln Gln Phe Pro Phe
1 5 10

<210> 28202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28202
Lys Ser Lys Arg Ala Pro Thr His Gln Gln
1 5 10

<210> 28203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28203
Ala Pro Thr His Gln Gln Phe Pro Phe Leu
1 5 10

<210> 28204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28204
Ser Lys Arg Ala Pro Thr His Gln Gln Phe
1 5 10

<210> 28205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28205

Thr His Gln Gln Phe Pro Phe Leu Glu Met
1 5 10

<210> 28206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28206
Gln Gln Phe Pro Phe Leu Glu Met Lys Ile
1 5 10

<210> 28207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28207
Val Ile Phe Asn Gln Ile Pro Phe Leu
1 5

<210> 28208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28208
Asp Val Ile Phe Asn Gln Ile Pro Phe
1 5

<210> 28209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28209
Lys Glu Asp Val Ile Phe Asn Gln Ile
1 5

<210> 28210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28210
Asp Val Ile Phe Asn Gln Ile Pro Phe Leu
1 5 10

<210> 28211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28211
Glu Met Phe Glu Trp Ser Phe Val Phe
1 5

<210> 28212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28212
Glu Trp Ser Phe Val Phe Glu Asp Phe
1 5

<210> 28213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28213
Ala Glu Met Phe Glu Trp Ser Phe Val
1 5

<210> 28214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28214
Phe Glu Trp Ser Phe Val Phe Glu Asp
1 5

<210> 28215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28215
Glu Ala Glu Met Phe Glu Trp Ser Phe
1 5

<210> 28216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28216
Thr Glu Ala Glu Met Phe Glu Trp Ser
1 5

<210> 28217
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28217
Ala Glu Met Phe Glu Trp Ser Phe Val Phe
1 5 10

<210> 28218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28218
Glu Ala Glu Met Phe Glu Trp Ser Phe Val
1 5 10

<210> 28219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28219
Thr Glu Ala Glu Met Phe Glu Trp Ser Phe
1 5 10

<210> 28220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28220
Phe Glu Trp Ser Phe Val Phe Glu Asp Phe
1 5 10

<210> 28221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28221
Phe Ser Asn Trp Gly His Gln Lys Tyr
1 5

<210> 28222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28222
Ile Phe Ser Asn Trp Gly His Gln Lys

1 5

<210> 28223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28223
His Gln Lys Tyr Thr Cys Leu Tyr Arg
1 5

<210> 28224
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28224
Gly His Gln Lys Tyr Thr Cys Leu Tyr
1 5

<210> 28225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28225
Trp Gly His Gln Lys Tyr Thr Cys Leu
1 5

<210> 28226
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28226
Gln Lys Tyr Thr Cys Leu Tyr Arg Phe
1 5

<210> 28227

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28227
Asn Ile Phe Ser Asn Trp Gly His Gln Lys
1 5 10

<210> 28228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28228
His Gln Lys Tyr Thr Cys Leu Tyr Arg Phe
1 5 10

<210> 28229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28229
Ile Phe Ser Asn Trp Gly His Gln Lys Tyr
1 5 10

<210> 28230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28230
Trp Gly His Gln Lys Tyr Thr Cys Leu Tyr
1 5 10

<210> 28231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28231
Gln Ile Ile Phe Leu Ile Glu Gln Ile
1 5

<210> 28232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28232
Asn Phe Arg Gln Ile Ile Phe Leu Ile
1 5

<210> 28233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28233
Leu Glu Asn Asn Phe Arg Gln Ile Ile
1 5

<210> 28234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28234
Arg Gln Ile Ile Phe Leu Ile Glu Gln
1 5

<210> 28235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28235
Arg Gln Ile Ile Phe Leu Ile Glu Gln Ile
1 5 10

<210> 28236
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28236
Ile Phe Leu Ile Glu Gln Ile Asp Val Leu
1 5 10

<210> 28237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28237
Leu Glu Asn Asn Phe Arg Gln Ile Ile Phe
1 5 10

<210> 28238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28238
Phe Leu Ile Lys Gln Ile Asp Val Leu
1 5

<210> 28239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28239
Lys Gln Ile Asp Val Leu Lys Ala Leu
1 5

<210> 28240
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28240
Leu Ile Lys Gln Ile Asp Val Leu Lys
1 5

<210> 28241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28241
Ile Leu Phe Leu Ile Lys Gln Ile Asp Val
1 5 10

<210> 28242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28242
Lys Gln Ile Asp Val Leu Lys Ala Leu Leu
1 5 10

<210> 28243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28243
Arg Gln Ile Leu Phe Leu Ile Lys Gln Ile
1 5 10

<210> 28244
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28244
Phe Leu Ile Lys Gln Ile Asp Val Leu Lys
1 5 10

<210> 28245
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28245
Asn Phe Arg Gln Ile Leu Phe Leu Ile Lys
1 5 10

<210> 28246
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28246
Ile Lys Gln Ile Asp Val Leu Lys Ala Leu
1 5 10

<210> 28247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28247
Thr Leu Tyr Cys Glu Phe Ile Asn Arg
1 5

<210> 28248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28248
Leu Leu Asn Thr Leu Tyr Cys Glu Phe
1 5

<210> 28249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28249
Val Lys Glu Glu Leu Leu Asn Thr Leu
1 5

<210> 28250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28250
Lys Glu Glu Leu Leu Asn Thr Leu Tyr
1 5

<210> 28251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28251
Leu Leu Asn Thr Leu Tyr Cys Glu Phe Ile
1 5 10

<210> 28252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28252
Thr Leu Tyr Cys Glu Phe Ile Asn Arg Val
1 5 10

<210> 28253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28253
Asn Thr Leu Tyr Cys Glu Phe Ile Asn Arg
1 5 10

<210> 28254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28254
Glu Leu Leu Asn Thr Leu Tyr Cys Glu Phe
1 5 10

<210> 28255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28255
Val Lys Glu Glu Leu Leu Asn Thr Leu Tyr
1 5 10

<210> 28256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28256
Met Glu Ser Val Cys Glu Glu Thr Val
1 5

<210> 28257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28257
Cys Glu Glu Thr Val Asn Leu Thr Thr
1 5

<210> 28258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28258
Thr Pro Asn His Ile Pro Ser Met Ile
1 5

<210> 28259
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28259
Ser Met Ile Met Ala Thr Thr Gln Pro
1 5

<210> 28260
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28260
Met Ile Met Ala Thr Thr Gln Pro Pro
1 5

<210> 28261
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28261
Ile Pro Ser Met Ile Met Ala Thr Thr
1 5

<210> 28262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28262
Met Ile Met Ala Thr Thr Gln Pro Pro Val
1 5 10

<210> 28263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28263
Lys Gln Thr Pro Asn His Ile Pro Ser Met
1 5 10

<210> 28264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28264
Gln Thr Pro Asn His Ile Pro Ser Met Ile
1 5 10

<210> 28265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28265
Thr Pro Asn His Ile Pro Ser Met Ile Met
1 5 10

<210> 28266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28266
Ser Met Ile Met Ala Thr Thr Gln Pro Pro
1 5 10

<210> 28267
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28267
Ser Met Lys Pro Ser Tyr Gly Ser Val
1 5

<210> 28268
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28268
Lys Pro Ser Tyr Gly Ser Val Ala Thr
1 5

<210> 28269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28269

Trp Pro Asn Ser Met Lys Pro Ser Tyr
1 5

<210> 28270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28270
Asn Glu Lys Asn Trp Pro Asn Ser Met
1 5

<210> 28271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28271
Met Lys Pro Ser Tyr Gly Ser Val Ala
1 5

<210> 28272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28272
Ala Ala Ser Ser Gly His Cys Ile Leu
1 5

<210> 28273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28273
Ser Met Lys Pro Ser Tyr Gly Ser Val Ala
1 5 10

<210> 28274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28274
Gly Gly Arg Gly Arg His Asn Asp Gly Lys
1 5 10

<210> 28275
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28275
Asn Trp Pro Asn Ser Met Lys Pro Ser Tyr
1 5 10

<210> 28276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28276
Asn Ser Met Lys Pro Ser Tyr Gly Ser Val
1 5 10

<210> 28277
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28277
Lys Pro Ser Tyr Gly Ser Val Ala Thr Ala
1 5 10

<210> 28278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28278
Lys Asn Glu Lys Asn Trp Pro Asn Ser Met
1 5 10

<210> 28279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28279
Met Lys Pro Ser Tyr Gly Ser Val Ala Thr
1 5 10

<210> 28280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28280
Thr Ala Ala Ser Ser Gly His Cys Ile Leu
1 5 10

<210> 28281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28281
Ser Gly His Cys Ile Leu Cys Leu Val Trp
1 5 10

<210> 28282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28282
Tyr Tyr Gln Ala Gly Glu Thr Tyr Asn Gly
1 5 10

<210> 28283
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28283
Asp Asp Tyr Tyr Gln Ala Gly Glu Thr Tyr
1 5 10

<210> 28284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28284
Thr Thr Asp Thr His Ser Leu Glu Ser Lys
1 5 10

<210> 28285
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28285
Lys Gly Ile Cys Trp Lys Trp Pro Val
1 5

<210> 28286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28286
Pro Trp Lys Gly Ile Cys Trp Lys Trp

1 5

<210> 28287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28287
Cys Thr Arg Gly Gly Gly Lys Arg Lys
1 5

<210> 28288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28288
Arg Gly Gly Gly Lys Arg Lys Lys Lys
1 5

<210> 28289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28289
Cys Trp Lys Trp Pro Val Thr Val Ala
1 5

<210> 28290
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28290
Phe Gln Gly Gly Trp Trp Cys Thr Arg
1 5

<210> 28291

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28291
Leu Gln Cys Phe Gln Gly Gly Trp Trp
1 5

<210> 28292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28292
Cys Lys Val Ser Gly Gly Cys Thr Ala
1 5

<210> 28293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28293
Trp Lys Trp Pro Val Thr Val Ala Ala
1 5

<210> 28294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28294
Val Glu Arg Cys Pro Trp Lys Gly Ile
1 5

<210> 28295
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28295
Lys Val Ser Gly Gly Cys Thr Ala Cys Val
1 5 10

<210> 28296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28296
Gly Ile Cys Trp Lys Trp Pro Val Thr Val
1 5 10

<210> 28297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28297
Thr Ala Cys Val Glu Arg Cys Pro Trp Lys
1 5 10

<210> 28298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28298
Cys Phe Leu Gln Cys Phe Gln Gly Gly Trp
1 5 10

<210> 28299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28299
Gly Trp Trp Cys Thr Arg Gly Gly Gly Lys
1 5 10

<210> 28300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28300
Cys Thr Arg Gly Gly Gly Lys Arg Lys Lys
1 5 10

<210> 28301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28301
Gly Gly Lys Arg Lys Lys Lys Met Cys Lys
1 5 10

<210> 28302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28302
Cys Trp Lys Trp Pro Val Thr Val Ala Ala
1 5 10

<210> 28303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28303
Cys Phe Gln Gly Gly Trp Trp Cys Thr Arg
1 5 10

<210> 28304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28304
Cys Pro Trp Lys Gly Ile Cys Trp Lys Trp
1 5 10

<210> 28305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28305
Lys Thr Thr Pro Ser Asn Arg Lys Met
1 5

<210> 28306
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28306
Asn Arg Lys Met Ser Glu Ala Ser Met
1 5

<210> 28307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28307
Thr Pro Ser Asn Arg Lys Met Ser Glu Ala
1 5 10

<210> 28308
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28308
Ser Gln Leu Glu Lys Thr Thr Pro Ser Asn
1 5 10

<210> 28309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28309
Ser Asn Arg Lys Met Ser Glu Ala Ser Met
1 5 10

<210> 28310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28310
Ile Gly Arg Asn Met Pro Ser Ser Lys
1 5

<210> 28311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28311
Pro Gln Ala Glu Ile Gly Arg Asn Met
1 5

<210> 28312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28312
Ala Glu Ile Gly Arg Asn Met Pro Ser
1 5

<210> 28313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28313
Thr Pro Gln Ala Glu Ile Gly Arg Asn Met
1 5 10

<210> 28314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28314
Ala Glu Ile Gly Arg Asn Met Pro Ser Ser
1 5 10

<210> 28315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28315
Leu Gln Arg Pro Glu Pro Gln Gln Pro Thr
1 5 10

<210> 28316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28316
Tyr Leu Ser Ala Asp Asp Ile Lys Ile
1 5

<210> 28317
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28317
Phe Ile Tyr Leu Ser Ala Asp Asp Ile
1 5

<210> 28318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28318
Tyr Pro Asp Gly Lys Phe Ile Tyr Leu
1 5

<210> 28319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28319
Phe Ile Tyr Leu Ser Ala Asp Asp Ile Lys
1 5 10

<210> 28320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28320
Glu Tyr Pro Asp Gly Lys Phe Ile Tyr Leu
1 5 10

<210> 28321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28321
Lys Phe Ile Tyr Leu Ser Ala Asp Asp Ile
1 5 10

<210> 28322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28322
Ile Tyr Leu Ser Ala Asp Asp Ile Lys Ile
1 5 10

<210> 28323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28323
Leu Glu Tyr Pro Asp Gly Lys Phe Ile Tyr
1 5 10

<210> 28324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28324
Cys Leu Cys Asp Glu Ile Ile Asn Lys
1 5

<210> 28325
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28325
Ile Ile Asn Lys Leu Asn Glu Asn Lys
1 5

<210> 28326
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28326
Asn Lys Leu Asn Glu Asn Lys Thr Phe
1 5

<210> 28327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28327
Cys Leu Cys Asp Glu Ile Ile Asn Lys Leu
1 5 10

<210> 28328
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28328
Leu Gln Asn Asp Ala Pro Val Pro Tyr
1 5

<210> 28329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28329
Phe Gln Asp Leu Gln Asn Asp Ala Pro Val
1 5 10

<210> 28330
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28330
Leu Gln Asn Asp Ala Pro Val Pro Tyr Lys
1 5 10

<210> 28331
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28331
Asp Leu Gln Asn Asp Ala Pro Val Pro Tyr
1 5 10

<210> 28332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28332
Phe Val Phe Phe Arg Pro Gln His Ala
1 5

<210> 28333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28333

Gly Val Cys Leu Phe Val Phe Phe Arg
1 5

<210> 28334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28334
Val Gly Val Cys Leu Phe Val Phe Phe
1 5

<210> 28335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28335
Phe Phe Arg Pro Gln His Ala Pro Phe
1 5

<210> 28336
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28336
Val Phe Phe Arg Pro Gln His Ala Pro Phe
1 5 10

<210> 28337
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28337
Phe Phe Arg Pro Gln His Ala Pro Phe Ile
1 5 10

<210> 28338
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28338
Val Gly Val Cys Leu Phe Val Phe Phe Arg
1 5 10

<210> 28339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28339
Thr Val Arg His Thr Trp Ser Pro Gly
1 5

<210> 28340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28340
Thr Val Arg His Thr Trp Ser Pro Gly Ala
1 5 10

<210> 28341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28341
His Leu Leu Arg His Pro Trp Thr Val
1 5

<210> 28342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28342
Thr Val Phe Asn Phe Ala Asp Gly Lys
1 5

<210> 28343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28343
Thr Ser Gln Gly Ser Asp Trp Asn Lys
1 5

<210> 28344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28344
Arg Phe Asn Gly Glu Lys Val Gly Phe
1 5

<210> 28345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28345
Arg His Pro Trp Thr Val Phe Asn Phe
1 5

<210> 28346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28346
Lys Val Gly Phe Arg Cys Val His Leu
1 5

<210> 28347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28347
Gly Phe Arg Cys Val His Leu Leu Arg
1 5

<210> 28348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28348
Lys Thr Ser Thr Arg Ser Thr Ser Ala
1 5

<210> 28349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28349
Ser Thr Arg Ser Thr Ser Ala Thr Ser
1 5

<210> 28350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28350
Leu Leu Arg His Pro Trp Thr Val Phe

1 5

<210> 28351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28351
Cys Val His Leu Leu Arg His Pro Trp
1 5

<210> 28352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28352
His Pro Trp Thr Val Phe Asn Phe Ala
1 5

<210> 28353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28353
Gly Glu Lys Val Gly Phe Arg Cys Val
1 5

<210> 28354
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28354
Val Gly Phe Arg Cys Val His Leu Leu Arg
1 5 10

<210> 28355

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28355
Trp Thr Val Phe Asn Phe Ala Asp Gly Lys
1 5 10

<210> 28356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28356
Ala Thr Ser Gln Gly Ser Asp Trp Asn Lys
1 5 10

<210> 28357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28357
His Leu Leu Arg His Pro Trp Thr Val Phe
1 5 10

<210> 28358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28358
Leu Arg His Pro Trp Thr Val Phe Asn Phe
1 5 10

<210> 28359
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28359
Lys Val Gly Phe Arg Cys Val His Leu Leu
1 5 10

<210> 28360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28360
Gly Phe Arg Cys Val His Leu Leu Arg His
1 5 10

<210> 28361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28361
Lys Thr Ser Thr Arg Ser Thr Ser Ala Thr
1 5 10

<210> 28362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28362
Ser Thr Arg Ser Thr Ser Ala Thr Ser Gln
1 5 10

<210> 28363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28363
Arg Phe Asn Gly Glu Lys Val Gly Phe Arg
1 5 10

<210> 28364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28364
Asn Phe Ala Asp Gly Lys Thr Ser Thr Arg
1 5 10

<210> 28365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28365
Pro Gln Arg Pro Pro Pro Ser Asn Arg Phe
1 5 10

<210> 28366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28366
Asn Arg Phe Asn Gly Glu Lys Val Gly Phe
1 5 10

<210> 28367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28367
Arg Cys Val His Leu Leu Arg His Pro Trp
1 5 10

<210> 28368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28368
Thr Ile Gln Thr Lys Pro Glu Glu Lys
1 5

<210> 28369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28369
Ile Gln Thr Lys Pro Glu Glu Lys Met
1 5

<210> 28370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28370
Arg Asn Arg Pro Glu Thr Ile Gln Thr Lys
1 5 10

<210> 28371
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28371
Ile Gln Thr Lys Pro Glu Glu Lys Met Phe
1 5 10

<210> 28372
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28372
Gly Gln Pro Gln Ile His Val Tyr Phe
1 5

<210> 28373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28373
Met Ala Arg Arg Gly Gln Pro Gln Ile
1 5

<210> 28374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28374
Arg Gly Gln Pro Gln Ile His Val Tyr
1 5

<210> 28375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28375
Gln Pro Gln Ile His Val Tyr Phe Arg
1 5

<210> 28376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28376
Ala Gln Gly Asp Pro Glu Ser Arg Leu
1 5

<210> 28377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28377
Ser Met Ala Arg Arg Gly Gln Pro Gln Ile
1 5 10

<210> 28378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28378
Arg Gly Gln Pro Gln Ile His Val Tyr Phe
1 5 10

<210> 28379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28379
Met Ala Arg Arg Gly Gln Pro Gln Ile His
1 5 10

<210> 28380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28380
Arg Arg Gly Gln Pro Gln Ile His Val Tyr
1 5 10

<210> 28381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28381
His Leu Ala Trp Ser Ser Gln Ser Leu
1 5

<210> 28382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28382
Ser Leu Ser Leu His Gly Ser Ala Val
1 5

<210> 28383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28383
Cys Leu Arg Glu Leu Ile Phe Thr Leu
1 5

<210> 28384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28384
Leu Leu His Thr Ser Leu Cys Met Cys
1 5

<210> 28385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28385
Ser Leu Cys Met Cys Leu Arg Glu Leu
1 5

<210> 28386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28386
Trp Leu Arg Ser Pro Pro Ala Gly Lys
1 5

<210> 28387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28387
His Thr Ser Leu Cys Met Cys Leu Arg
1 5

<210> 28388
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28388
Gln Trp Trp Gly Ser Ser Val His Leu
1 5

<210> 28389
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28389
Ala Val Arg Glu Asn His Pro Ser Leu
1 5

<210> 28390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28390
Leu Thr Arg Leu Leu His Thr Ser Leu
1 5

<210> 28391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28391
Leu Ser Leu His Gly Ser Ala Val Arg
1 5

<210> 28392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28392
Ser Pro Pro Ala Gly Lys Asn Leu Met
1 5

<210> 28393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28393
Ser Pro Gln Trp Trp Gly Ser Ser Val
1 5

<210> 28394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28394
Arg Leu Leu His Thr Ser Leu Cys Met
1 5

<210> 28395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28395
Lys Asn Leu Met Lys Ser Pro Gln Trp
1 5

<210> 28396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28396
Pro Gln Trp Trp Gly Ser Ser Val His
1 5

<210> 28397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28397

Trp Gly Ser Ser Val His Leu Ala Trp
1 5

<210> 28398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28398
Ala Trp Ser Ser Gln Ser Leu Ser Leu
1 5

<210> 28399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28399
Cys Met Cys Leu Arg Glu Leu Ile Phe
1 5

<210> 28400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28400
Arg Glu Leu Ile Phe Thr Leu Lys Thr
1 5

<210> 28401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28401
Ser Leu Thr Arg Leu Leu His Thr Ser Leu
1 5 10

<210> 28402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28402
Leu Leu His Thr Ser Leu Cys Met Cys Leu
1 5 10

<210> 28403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28403
Ser Leu Cys Met Cys Leu Arg Glu Leu Ile
1 5 10

<210> 28404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28404
Cys Leu Arg Glu Leu Ile Phe Thr Leu Lys
1 5 10

<210> 28405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28405
Trp Trp Gly Ser Ser Val His Leu Ala Trp
1 5 10

<210> 28406
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28406
Lys Ser Pro Gln Trp Trp Gly Ser Ser Val
1 5 10

<210> 28407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28407
Ala Val Arg Glu Asn His Pro Ser Leu Thr
1 5 10

<210> 28408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28408
Ser Leu Ser Leu His Gly Ser Ala Val Arg
1 5 10

<210> 28409
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28409
His Pro Ser Leu Thr Arg Leu Leu His Thr
1 5 10

<210> 28410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28410
Leu Ala Trp Ser Ser Gln Ser Leu Ser Leu
1 5 10

<210> 28411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28411
Gly Lys Asn Leu Met Lys Ser Pro Gln Trp
1 5 10

<210> 28412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28412
Pro Gln Trp Trp Gly Ser Ser Val His Leu
1 5 10

<210> 28413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28413
Val His Leu Ala Trp Ser Ser Gln Ser Leu
1 5 10

<210> 28414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28414
Ser Gln Ser Leu Ser Leu His Gly Ser Ala

1 5 10

<210> 28415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28415
Ser Ala Val Arg Glu Asn His Pro Ser Leu
1 5 10

<210> 28416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28416
Arg Glu Asn His Pro Ser Leu Thr Arg Leu
1 5 10

<210> 28417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28417
Thr Arg Leu Leu His Thr Ser Leu Cys Met
1 5 10

<210> 28418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28418
Leu Cys Met Cys Leu Arg Glu Leu Ile Phe
1 5 10

<210> 28419

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28419
Ser Pro Gln Trp Trp Gly Ser Ser Val His
1 5 10

<210> 28420
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28420
Lys Leu Arg Glu Met Thr Ile Ile Ile
1 5

<210> 28421
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28421
Ile Pro Thr Glu Lys Leu Arg Glu Met
1 5

<210> 28422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28422
Arg Glu Met Thr Ile Ile Ile Thr Val
1 5

<210> 28423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28423
Glu Met Thr Ile Ile Ile Thr Val Met
1 5

<210> 28424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28424
Met Thr Ile Ile Ile Thr Val Met Asp Lys
1 5 10

<210> 28425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28425
Lys Leu Arg Glu Met Thr Ile Ile Ile Thr
1 5 10

<210> 28426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28426
Arg Glu Met Thr Ile Ile Ile Thr Val Met
1 5 10

<210> 28427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28427
Gln Trp His Pro Leu Arg Pro Ala Arg
1 5

<210> 28428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28428
Pro Ile Ala Gln Trp His Pro Leu Arg
1 5

<210> 28429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28429
Arg Pro Ile Ala Gln Trp His Pro Leu
1 5

<210> 28430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28430
His Ala Arg Arg Pro Ile Ala Gln Trp
1 5

<210> 28431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28431
Ala Gln Trp His Pro Leu Arg Pro Ala
1 5

<210> 28432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28432
His Ala Arg Arg Pro Ile Ala Gln Trp His
1 5 10

<210> 28433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28433
Arg Pro Ile Ala Gln Trp His Pro Leu Arg
1 5 10

<210> 28434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28434
Ala His Ala Arg Arg Pro Ile Ala Gln Trp
1 5 10

<210> 28435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28435
Arg Arg Pro Ile Ala Gln Trp His Pro Leu
1 5 10

<210> 28436
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28436
Gln Ser Met Glu Asn Ser Pro Thr Met
1 5

<210> 28437
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28437
Pro Gln Ser Met Glu Asn Ser Pro Thr Met
1 5 10

<210> 28438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28438
Gln Thr Val Pro Thr Ala Leu Gln Ile
1 5

<210> 28439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28439
Leu Pro Ser Gly Gln Thr Val Pro Thr
1 5

<210> 28440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28440
Thr Ala Leu Gln Ile Leu Pro Gln Ile
1 5

<210> 28441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28441
Gly Gln Thr Val Pro Thr Ala Leu Gln Ile
1 5 10

<210> 28442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28442
Leu Pro Ser Gly Gln Thr Val Pro Thr Ala
1 5 10

<210> 28443
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28443
Phe Thr Leu Trp Gly Pro Glu Ala Lys
1 5

<210> 28444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28444
Glu Ala Lys Gly Gly Trp Thr Ser Arg
1 5

<210> 28445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28445
Arg Phe Thr Leu Trp Gly Pro Glu Ala Lys
1 5 10

<210> 28446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28446
Ile Trp Lys Arg Leu Lys Leu Cys Ala
1 5

<210> 28447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28447
His Ser Glu Ser Ser Ile Trp Lys Arg
1 5

<210> 28448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28448
Ser Glu Ser Ser Ile Trp Lys Arg Leu
1 5

<210> 28449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28449
Phe Pro Ser His Ser Glu Ser Ser Ile Trp
1 5 10

<210> 28450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28450
Trp Lys Arg Leu Lys Leu Cys Ala Asp Phe
1 5 10

<210> 28451
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28451
Ser Ser Met Glu Ile Leu Ile Asn Leu
1 5

<210> 28452
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28452
Ser Met Glu Ile Leu Ile Asn Leu Ile
1 5

<210> 28453
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28453
Asn Thr Ser Ser Met Glu Ile Leu Ile
1 5

<210> 28454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28454
Arg His Gly Glu Asn Thr Ser Ser Met
1 5

<210> 28455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28455
Gly Glu Asn Thr Ser Ser Met Glu Ile
1 5

<210> 28456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28456
Met Glu Ile Leu Ile Asn Leu Ile Gln
1 5

<210> 28457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28457
Ser Ser Met Glu Ile Leu Ile Asn Leu Ile
1 5 10

<210> 28458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28458
Trp Arg His Gly Glu Asn Thr Ser Ser Met
1 5 10

<210> 28459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28459
Gly Glu Asn Thr Ser Ser Met Glu Ile Leu
1 5 10

<210> 28460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28460
Met Glu Ile Leu Ile Asn Leu Ile Gln Ala
1 5 10

<210> 28461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28461

Gly Thr Phe Leu Asp Leu Pro Cys Phe
1 5

<210> 28462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28462
Leu Asp Leu Pro Cys Phe Pro Asp Ile
1 5

<210> 28463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28463
Phe Leu Asp Leu Pro Cys Phe Pro Asp Ile
1 5 10

<210> 28464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28464
Val Gly Thr Phe Leu Asp Leu Pro Cys Phe
1 5 10

<210> 28465
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28465
Asp Ile Lys Lys Pro Phe Leu Pro Ile
1 5

<210> 28466
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28466
Arg Met Glu Asp Ile Lys Lys Pro Phe
1 5

<210> 28467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28467
Met Glu Asp Ile Lys Lys Pro Phe Leu
1 5

<210> 28468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28468
Lys Pro Phe Leu Pro Ile Gln Lys Ala Ala
1 5 10

<210> 28469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28469
Ile Arg Met Glu Asp Ile Lys Lys Pro Phe
1 5 10

<210> 28470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28470
Arg Met Glu Asp Ile Lys Lys Pro Phe Leu
1 5 10

<210> 28471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28471
Leu Leu Glu Glu Ala Val Ala Gly Ala
1 5

<210> 28472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28472
Glu Glu Ala Val Ala Gly Ala Gly Ala
1 5

<210> 28473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28473
Gly Leu Leu Glu Glu Ala Val Ala Gly Ala
1 5 10

<210> 28474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28474
Leu Glu Glu Ala Val Ala Gly Ala Gly Ala
1 5 10

<210> 28475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28475
Asn Gln Asp Ser Asp Leu Val Val Leu
1 5

<210> 28476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28476
Phe Pro Asn Gln Asp Ser Asp Leu Val
1 5

<210> 28477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28477
Lys Pro Phe Pro Asn Gln Asp Ser Asp Leu
1 5 10

<210> 28478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28478
Phe Pro Asn Gln Asp Ser Asp Leu Val Val

1 5 10

<210> 28479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28479
Arg Ile Arg Ser Leu Leu Glu Arg Gln Gly
1 5 10

<210> 28480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28480
Arg Val Ile Ser Val Leu Lys Asn Ala
1 5

<210> 28481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28481
Ile Trp Arg Val Ile Ser Val Leu Lys
1 5

<210> 28482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28482
Asn Pro Ile Trp Arg Val Ile Ser Val
1 5

<210> 28483

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28483
Val Leu Lys Asn Ala Ser Ile Gln His Leu
1 5 10

<210> 28484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28484
Pro Ile Trp Arg Val Ile Ser Val Leu Lys
1 5 10

<210> 28485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28485
Asn Pro Ile Trp Arg Val Ile Ser Val Leu
1 5 10

<210> 28486
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28486
Ala Ala Arg Pro Phe Arg Arg Leu Lys
1 5

<210> 28487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28487
Arg Leu Lys Ala Ser Arg Asp Gln Leu
1 5

<210> 28488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28488
Arg Pro Phe Arg Arg Leu Lys Ala Ser
1 5

<210> 28489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28489
Ala Ala Ala Arg Pro Phe Arg Arg Leu Lys
1 5 10

<210> 28490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28490
Ala Ala Arg Pro Phe Arg Arg Leu Lys Ala
1 5 10

<210> 28491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28491
Arg Pro Phe Arg Arg Leu Lys Ala Ser Arg
1 5 10

<210> 28492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28492
Arg Leu Lys Ala Ser Arg Asp Gln Leu Arg
1 5 10

<210> 28493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28493
Arg Arg Leu Lys Ala Ser Arg Asp Gln Leu
1 5 10

<210> 28494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28494
Thr Tyr Trp Glu Asp Asn Pro Glu Met
1 5

<210> 28495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28495
Ser Thr Tyr Trp Glu Asp Asn Pro Glu Met
1 5 10

<210> 28496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28496
Trp Glu Asp Asn Pro Glu Met Glu Thr Leu
1 5 10

<210> 28497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28497
Lys Leu Gln Gln Ser Thr Ala Cys Val
1 5

<210> 28498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28498
Leu Gln Gln Ser Thr Ala Cys Val Val
1 5

<210> 28499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28499
Ser Thr Ala Cys Val Val Val Val Phe
1 5

<210> 28500
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28500
Gln Ser Thr Ala Cys Val Val Val Val
1 5

<210> 28501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28501
Gln Gln Ser Thr Ala Cys Val Val Val
1 5

<210> 28502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28502
Lys Leu Gln Gln Ser Thr Ala Cys Val Val
1 5 10

<210> 28503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28503
Gln Gln Ser Thr Ala Cys Val Val Val Val
1 5 10

<210> 28504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28504
Ser Thr Ala Cys Val Val Val Val Phe Ser
1 5 10

<210> 28505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28505
Leu Gln Gln Ser Thr Ala Cys Val Val Val
1 5 10

<210> 28506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28506
Gln Ser Thr Ala Cys Val Val Val Val Phe
1 5 10

<210> 28507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28507
Cys Val Asp Cys Lys Ala Gly Ser Tyr
1 5

<210> 28508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28508
Cys Val Asp Cys Lys Ala Gly Ser Tyr Arg
1 5 10

<210> 28509
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28509
Gln Ile Phe Ser Phe Val Ala Glu Leu
1 5

<210> 28510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28510
Phe Val Ala Glu Leu Ser Val Pro Leu
1 5

<210> 28511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28511
Phe Ser Phe Val Ala Glu Leu Ser Val
1 5

<210> 28512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28512
Glu Leu Ser Val Pro Leu Leu Ile Phe
1 5

<210> 28513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28513
Ala Glu Leu Ser Val Pro Leu Leu Ile
1 5

<210> 28514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28514
Ile Gln Ile Phe Ser Phe Val Ala Glu Leu
1 5 10

<210> 28515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28515
Phe Val Ala Glu Leu Ser Val Pro Leu Leu
1 5 10

<210> 28516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28516
Ile Phe Ser Phe Val Ala Glu Leu Ser Val
1 5 10

<210> 28517
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28517
Ser Phe Val Ala Glu Leu Ser Val Pro Leu
1 5 10

<210> 28518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28518
Leu Ser Val Pro Leu Leu Ile Phe Leu Phe
1 5 10

<210> 28519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28519
Glu Leu Ser Val Pro Leu Leu Ile Phe Leu
1 5 10

<210> 28520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28520
Phe Ser Phe Val Ala Glu Leu Ser Val Pro
1 5 10

<210> 28521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28521
Ala Glu Leu Ser Val Pro Leu Leu Ile Phe
1 5 10

<210> 28522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28522
Gln Tyr His Phe Gln Ala His Thr Val
1 5

<210> 28523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28523
His Phe Gln Ala His Thr Val Ala Leu
1 5

<210> 28524
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28524
Leu Glu Asn Phe His Gln Tyr His Phe
1 5

<210> 28525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28525

Phe His Gln Tyr His Phe Gln Ala His
1 5

<210> 28526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28526
His Gln Tyr His Phe Gln Ala His Thr
1 5

<210> 28527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28527
Tyr His Phe Gln Ala His Thr Val Ala
1 5

<210> 28528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28528
His Gln Tyr His Phe Gln Ala His Thr Val
1 5 10

<210> 28529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28529
Lys Leu Glu Asn Phe His Gln Tyr His Phe
1 5 10

<210> 28530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28530
Tyr His Phe Gln Ala His Thr Val Ala Leu
1 5 10

<210> 28531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28531
Arg Ser Leu Ala Ile Leu Phe Ile Val
1 5

<210> 28532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28532
Phe Thr Ala Leu Arg Ser Leu Ala Ile
1 5

<210> 28533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28533
Ile Leu Phe Ile Val Phe Thr Ser Tyr
1 5

<210> 28534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28534
Ser Leu Ala Ile Leu Phe Ile Val Phe
1 5

<210> 28535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28535
Ala Leu Arg Ser Leu Ala Ile Leu Phe
1 5

<210> 28536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28536
Thr Ala Leu Arg Ser Leu Ala Ile Leu
1 5

<210> 28537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28537
Ala Leu Arg Ser Leu Ala Ile Leu Phe Ile
1 5 10

<210> 28538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28538
Phe Thr Ala Leu Arg Ser Leu Ala Ile Leu
1 5 10

<210> 28539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28539
Ser Leu Ala Ile Leu Phe Ile Val Phe Thr
1 5 10

<210> 28540
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28540
Arg Phe Thr Ala Leu Arg Ser Leu Ala Ile
1 5 10

<210> 28541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28541
Thr Ala Leu Arg Ser Leu Ala Ile Leu Phe
1 5 10

<210> 28542
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28542
Arg Ser Leu Ala Ile Leu Phe Ile Val Phe

1 5 10

<210> 28543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28543
Ile Leu Phe Ile Val Phe Thr Ser Tyr Phe
1 5 10

<210> 28544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28544
Ala Ile Leu Phe Ile Val Phe Thr Ser Tyr
1 5 10

<210> 28545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28545
Phe Leu Leu Val Met Cys His Leu Leu
1 5

<210> 28546
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28546
Leu Val Met Cys His Leu Leu Ser Val
1 5

<210> 28547

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28547
His Leu Leu Ser Val His Asp His Ile
1 5

<210> 28548
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28548
Ser Phe Leu Leu Val Met Cys His Leu
1 5

<210> 28549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28549
Gln Thr Val Thr Ser Phe Leu Leu Val
1 5

<210> 28550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28550
Thr Val Thr Ser Phe Leu Leu Val Met
1 5

<210> 28551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28551
Val Met Cys His Leu Leu Ser Val His
1 5

<210> 28552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28552
Leu Ser Val His Asp His Ile Ser Leu
1 5

<210> 28553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28553
Leu Leu Val Met Cys His Leu Leu Ser Val
1 5 10

<210> 28554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28554
Leu Leu Ser Val His Asp His Ile Ser Leu
1 5 10

<210> 28555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28555
Ser Phe Leu Leu Val Met Cys His Leu Leu
1 5 10

<210> 28556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28556
Gln Thr Val Thr Ser Phe Leu Leu Val Met
1 5 10

<210> 28557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28557
Leu Val Met Cys His Leu Leu Ser Val His
1 5 10

<210> 28558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28558
Leu Gln Thr Val Thr Ser Phe Leu Leu Val
1 5 10

<210> 28559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28559
Thr Ser Phe Leu Leu Val Met Cys His Leu
1 5 10

<210> 28560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28560
Ala Val Met Thr Thr Leu Leu Trp Ala
1 5

<210> 28561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28561
Thr Leu Leu Trp Ala Gln Ser Ser Leu
1 5

<210> 28562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28562
Arg Ala Val Met Thr Thr Leu Leu Trp
1 5

<210> 28563
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28563
Lys Leu Arg Arg Ala Val Met Thr Thr
1 5

<210> 28564
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28564
Leu Arg Arg Ala Val Met Thr Thr Leu
1 5

<210> 28565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28565
Arg Arg Ala Val Met Thr Thr Leu Leu
1 5

<210> 28566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28566
Lys Leu Arg Arg Ala Val Met Thr Thr Leu
1 5 10

<210> 28567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28567
Thr Leu Leu Trp Ala Gln Ser Ser Leu Lys
1 5 10

<210> 28568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28568
Arg Arg Ala Val Met Thr Thr Leu Leu Trp
1 5 10

<210> 28569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28569
Arg Ala Val Met Thr Thr Leu Leu Trp Ala
1 5 10

<210> 28570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28570
Thr Thr Leu Leu Trp Ala Gln Ser Ser Leu
1 5 10

<210> 28571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28571
Leu Arg Arg Ala Val Met Thr Thr Leu Leu
1 5 10

<210> 28572
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28572
Phe Leu Ser Leu Ile Ile Asp Ala Thr
1 5

<210> 28573
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28573
Leu Ile Ile Asp Ala Thr Lys Phe Ile
1 5

<210> 28574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28574
Leu Ser Leu Ile Ile Asp Ala Thr Lys
1 5

<210> 28575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28575
Ser Leu Ile Ile Asp Ala Thr Lys Phe
1 5

<210> 28576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28576
Ile Asp Ala Thr Lys Phe Ile Ser Met
1 5

<210> 28577
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28577
Ser Leu Ile Ile Asp Ala Thr Lys Phe Ile
1 5 10

<210> 28578
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28578
Leu Ser Leu Ile Ile Asp Ala Thr Lys Phe
1 5 10

<210> 28579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28579
Ile Ile Asp Ala Thr Lys Phe Ile Ser Met
1 5 10

<210> 28580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28580
Thr Lys Phe Ile Ser Met Gln Asn Asp Phe
1 5 10

<210> 28581
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28581
Tyr Leu Asn Met Cys Ile Thr Thr Cys
1 5

<210> 28582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28582
Phe Ala Asn Tyr Leu Asn Met Cys Ile
1 5

<210> 28583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28583
Leu Asn Met Cys Ile Thr Thr Cys Leu
1 5

<210> 28584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28584
Cys Ile Thr Thr Cys Leu Asn Val Phe
1 5

<210> 28585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28585
Tyr Leu Asn Met Cys Ile Thr Thr Cys Leu
1 5 10

<210> 28586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28586
Asn Met Cys Ile Thr Thr Cys Leu Asn Val
1 5 10

<210> 28587
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28587
Thr Phe Ala Asn Tyr Leu Asn Met Cys Ile
1 5 10

<210> 28588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28588
Cys Ile Thr Thr Cys Leu Asn Val Phe Tyr
1 5 10

<210> 28589
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28589

Met Cys Ile Thr Thr Cys Leu Asn Val Phe
1 5 10

<210> 28590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28590
His Glu Gln Asn Ile Thr Trp Lys Phe
1 5

<210> 28591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28591
Phe Lys Val Ser His Glu Gln Asn Ile
1 5

<210> 28592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28592
Val Ser His Glu Gln Asn Ile Thr Trp
1 5

<210> 28593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28593
Val Ser His Glu Gln Asn Ile Thr Trp Lys
1 5 10

<210> 28594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28594
Lys Val Ser His Glu Gln Asn Ile Thr Trp
1 5 10

<210> 28595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28595
Ser His Glu Gln Asn Ile Thr Trp Lys Phe
1 5 10

<210> 28596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28596
Gly Leu Arg Pro Val His Pro Ser Gly
1 5

<210> 28597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28597
Pro Val His Pro Ser Gly Ala Met Tyr
1 5

<210> 28598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28598
Arg Pro Val His Pro Ser Gly Ala Met
1 5

<210> 28599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28599
His Pro Ser Gly Ala Met Tyr Leu Met
1 5

<210> 28600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28600
Gly Leu Arg Pro Val His Pro Ser Gly Ala
1 5 10

<210> 28601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28601
Arg Pro Val His Pro Ser Gly Ala Met Tyr
1 5 10

<210> 28602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28602
His Pro Ser Gly Ala Met Tyr Leu Met Val
1 5 10

<210> 28603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28603
Ala Ala Ile Pro Gly Leu Arg Pro Val His
1 5 10

<210> 28604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28604
Leu Arg Pro Val His Pro Ser Gly Ala Met
1 5 10

<210> 28605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28605
Arg Leu Cys Val Ser Pro Phe Gly Leu
1 5

<210> 28606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28606
Gln Val Arg Leu Cys Val Ser Pro Phe

1 5

<210> 28607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28607
Arg Leu Cys Val Ser Pro Phe Gly Leu Arg
1 5 10

<210> 28608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28608
Lys Gln Val Arg Leu Cys Val Ser Pro Phe
1 5 10

<210> 28609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28609
Gln Val Arg Leu Cys Val Ser Pro Phe Gly
1 5 10

<210> 28610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28610
Val Arg Leu Cys Val Ser Pro Phe Gly Leu
1 5 10

<210> 28611

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28611
His Leu Ile Ser Gly Arg Asn Ile Val
1 5

<210> 28612
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28612
Asp Ile Glu Asn His Leu Ile Ser Gly Arg
1 5 10

<210> 28613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28613
Asn Leu Glu Glu Ala Asp Ala Tyr Ile
1 5

<210> 28614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28614
Ala Tyr Ile Ala Phe Ala Asn Leu Leu
1 5

<210> 28615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28615
Glu Ala Asp Ala Tyr Ile Ala Phe Ala
1 5

<210> 28616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28616
Asp Ala Tyr Ile Ala Phe Ala Asn Leu
1 5

<210> 28617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28617
Glu Glu Ala Asp Ala Tyr Ile Ala Phe
1 5

<210> 28618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28618
Leu Asn Leu Glu Glu Ala Asp Ala Tyr
1 5

<210> 28619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28619
Leu Glu Glu Ala Asp Ala Tyr Ile Ala
1 5

<210> 28620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28620
Tyr Ile Ala Phe Ala Asn Leu Leu Asn Lys
1 5 10

<210> 28621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28621
Ile Leu Asn Leu Glu Glu Ala Asp Ala Tyr
1 5 10

<210> 28622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28622
Asp Ala Tyr Ile Ala Phe Ala Asn Leu Leu
1 5 10

<210> 28623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28623
Leu Glu Glu Ala Asp Ala Tyr Ile Ala Phe
1 5 10

<210> 28624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28624
Glu Glu Ala Asp Ala Tyr Ile Ala Phe Ala
1 5 10

<210> 28625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28625
Ala Asp Ala Tyr Ile Ala Phe Ala Asn Leu
1 5 10

<210> 28626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28626
Gln Ile Arg Asn Gln Arg Ala Tyr His
1 5

<210> 28627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28627
Asn Gln Arg Ala Tyr His Leu Glu Lys
1 5

<210> 28628
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28628
Arg Gln Ile Arg Asn Gln Arg Ala Tyr
1 5

<210> 28629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28629
Ile Arg Asn Gln Arg Ala Tyr His Leu
1 5

<210> 28630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28630
Arg Gln Ile Arg Asn Gln Arg Ala Tyr His
1 5 10

<210> 28631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28631
Gln Ile Arg Asn Gln Arg Ala Tyr His Leu
1 5 10

<210> 28632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28632
Arg Asn Gln Arg Ala Tyr His Leu Glu Lys
1 5 10

<210> 28633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28633
Leu Arg Gln Ile Arg Asn Gln Arg Ala Tyr
1 5 10

<210> 28634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28634
Asn Gln Arg Ala Tyr His Leu Glu Lys Val
1 5 10

<210> 28635
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28635
Ala Leu Val Lys Tyr Phe Asp Lys Thr
1 5

<210> 28636
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28636
Lys Thr Val Cys Met Met Ala Arg Ile
1 5

<210> 28637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28637
Lys Tyr Phe Asp Lys Thr Val Cys Met
1 5

<210> 28638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28638
Tyr Phe Asp Lys Thr Val Cys Met Met
1 5

<210> 28639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28639
Ala Leu Val Lys Tyr Phe Asp Lys Thr Val
1 5 10

<210> 28640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28640
Lys Tyr Phe Asp Lys Thr Val Cys Met Met
1 5 10

<210> 28641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28641
Val Lys Tyr Phe Asp Lys Thr Val Cys Met
1 5 10

<210> 28642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28642
Tyr Val Cys Trp Ala Phe Ala Cys Ala
1 5

<210> 28643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28643
Cys Ala Tyr Glu Pro Gln Glu Leu Lys
1 5

<210> 28644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28644
Val Cys Trp Ala Phe Ala Cys Ala Tyr
1 5

<210> 28645
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28645
Tyr Val Cys Trp Ala Phe Ala Cys Ala Tyr
1 5 10

<210> 28646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28646
Phe Ala Cys Ala Tyr Glu Pro Gln Glu Leu
1 5 10

<210> 28647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28647
Gln Met Gly Arg Arg Met Glu His Ile
1 5

<210> 28648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28648
Lys Thr Gln Gln Met Gly Arg Arg Met
1 5

<210> 28649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28649
Met Gly Arg Arg Met Glu His Ile Leu
1 5

<210> 28650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28650
Ala Ser Gln Gln Gly Ser Ala Lys Met
1 5

<210> 28651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28651
Ala Lys Met Glu Lys Thr Gln Gln Met
1 5

<210> 28652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28652
Gln Gln Met Gly Arg Arg Met Glu His
1 5

<210> 28653
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28653

Gln Gln Met Gly Arg Arg Met Glu His Ile
1 5 10

<210> 28654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28654
Ser Gln Gln Gly Ser Ala Lys Met Glu Lys
1 5 10

<210> 28655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28655
Ala Ala Ser Gln Gln Gly Ser Ala Lys Met
1 5 10

<210> 28656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28656
Thr Gln Gln Met Gly Arg Arg Met Glu His
1 5 10

<210> 28657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28657
Tyr Ile Tyr Pro Asp Ser Pro Ala Thr
1 5

<210> 28658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28658
Glu Met Pro Lys Arg Met Tyr Ile Tyr
1 5

<210> 28659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28659
Met Tyr Ile Tyr Pro Asp Ser Pro Ala
1 5

<210> 28660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28660
Arg Met Tyr Ile Tyr Pro Asp Ser Pro
1 5

<210> 28661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28661
Arg Met Tyr Ile Tyr Pro Asp Ser Pro Ala
1 5 10

<210> 28662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28662
Pro Glu Met Pro Lys Arg Met Tyr Ile Tyr
1 5 10

<210> 28663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28663
Arg Ser Pro Leu Pro Thr Thr Ser Lys
1 5

<210> 28664
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28664
Gly Glu Asp His Tyr Phe Arg Ser Pro Leu
1 5 10

<210> 28665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28665
Leu Ser Ala Pro Ala Leu Gln Glu Lys
1 5

<210> 28666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28666
Lys Ala Ala Phe Pro Gly Arg Arg Val
1 5

<210> 28667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28667
Leu Gln Glu Lys Ala Ala Phe Pro Gly
1 5

<210> 28668
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28668
Ala Leu Ser Ala Pro Ala Leu Gln Glu Lys
1 5 10

<210> 28669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28669
Ala Pro Ala Leu Gln Glu Lys Ala Ala Phe
1 5 10

<210> 28670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28670
Gln Pro Pro Gln Pro Gln Pro Pro Leu

1 5

<210> 28671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28671
Gly Gln Pro Pro Gln Pro Gln Pro Pro Leu
1 5 10

<210> 28672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28672
Met Gln Lys Glu Glu Lys Asn Ser Lys
1 5

<210> 28673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28673
Asn Ser Lys Lys Pro Pro Gln Ser Lys
1 5

<210> 28674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28674
Gln Ser Lys Arg Thr Asn Gly Met Lys
1 5

<210> 28675

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28675
Arg Thr Asn Gly Met Lys Met Asn Met
1 5

<210> 28676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28676
Lys Met Asn Met Lys Gly Pro Glu Gly
1 5

<210> 28677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28677
Met Asn Met Lys Gly Pro Glu Gly Arg
1 5

<210> 28678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28678
Asn Met Lys Gly Pro Glu Gly Arg Arg
1 5

<210> 28679
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28679
Ser Lys Arg Thr Asn Gly Met Lys Met
1 5

<210> 28680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28680
Arg Thr Asn Gly Met Lys Met Asn Met Lys
1 5 10

<210> 28681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28681
Met Gln Lys Glu Glu Lys Asn Ser Lys Lys
1 5 10

<210> 28682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28682
Lys Asn Ser Lys Lys Pro Pro Gln Ser Lys
1 5 10

<210> 28683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28683
Lys Met Asn Met Lys Gly Pro Glu Gly Arg
1 5 10

<210> 28684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28684
Asn Ser Lys Lys Pro Pro Gln Ser Lys Arg
1 5 10

<210> 28685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28685
Met Asn Met Lys Gly Pro Glu Gly Arg Arg
1 5 10

<210> 28686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28686
Lys Arg Thr Asn Gly Met Lys Met Asn Met
1 5 10

<210> 28687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28687
Met Lys Met Asn Met Lys Gly Pro Glu Gly
1 5 10

<210> 28688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28688
Arg Ser Lys Lys Lys Lys Leu Gly Ala
1 5

<210> 28689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28689
Thr Pro Arg Ser Lys Lys Lys Lys Leu
1 5

<210> 28690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28690
Arg Ser Lys Lys Lys Lys Leu Gly Ala Gly
1 5 10

<210> 28691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28691
Ala Leu Pro Pro Ala Lys Arg Ala Arg Lys
1 5 10

<210> 28692
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28692
Asn Leu Ile Asp Ile Glu Asn Tyr Trp Leu
1 5 10

<210> 28693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28693
Ile Glu Asn Tyr Trp Leu Arg Cys Cys Met
1 5 10

<210> 28694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28694
Thr Ala Asn Leu Ile Asp Ile Glu Asn Tyr
1 5 10

<210> 28695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28695
Met Pro Gln Leu Thr Lys His Leu Leu
1 5

<210> 28696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28696
Gln Leu Thr Lys His Leu Leu Glu Asn Ile
1 5 10

<210> 28697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28697
Leu Thr Lys His Leu Leu Glu Asn Ile Lys
1 5 10

<210> 28698
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28698
Leu Leu Leu Lys Ser Glu His Glu Lys
1 5

<210> 28699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28699
Leu Lys Ser Glu His Glu Lys Thr Leu
1 5

<210> 28700
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28700
Asn Glu Leu Leu Leu Lys Ser Glu His
1 5

<210> 28701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28701
His Glu Lys Thr Leu Leu Glu Leu Val
1 5

<210> 28702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28702
Leu Lys Ser Glu His Glu Lys Thr Leu Leu
1 5 10

<210> 28703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28703
Ser Glu His Glu Lys Thr Leu Leu Glu Leu
1 5 10

<210> 28704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28704
Asp Thr Cys Ala Val Val Met Phe Ile
1 5

<210> 28705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28705
Arg Val Asp Thr Cys Ala Val Val Met
1 5

<210> 28706
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28706
Cys Ala Val Val Met Phe Ile Asp Phe
1 5

<210> 28707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28707
Val Leu Asp Arg Val Asp Thr Cys Ala Val
1 5 10

<210> 28708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28708
Arg Val Asp Thr Cys Ala Val Val Met Phe
1 5 10

<210> 28709
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28709
Met Leu Glu Lys Asp Ile Leu Ser Leu
1 5

<210> 28710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28710
Ser Leu Tyr Glu Val Val His Arg Ile
1 5

<210> 28711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28711
Leu Tyr Glu Val Val His Arg Ile Leu
1 5

<210> 28712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28712
Leu Glu Lys Asp Ile Leu Ser Leu Tyr
1 5

<210> 28713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28713
Asp Ile Leu Ser Leu Tyr Glu Val Val
1 5

<210> 28714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28714
Lys Asp Ile Leu Ser Leu Tyr Glu Val
1 5

<210> 28715
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28715
Met Leu Glu Lys Asp Ile Leu Ser Leu Tyr
1 5 10

<210> 28716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28716
Phe Met Leu Glu Lys Asp Ile Leu Ser Leu
1 5 10

<210> 28717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28717

Ser Leu Tyr Glu Val Val His Arg Ile Leu
1 5 10

<210> 28718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28718
Ile Leu Ser Leu Tyr Glu Val Val His Arg
1 5 10

<210> 28719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28719
Lys Asp Ile Leu Ser Leu Tyr Glu Val Val
1 5 10

<210> 28720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28720
Gly Gln Val Leu Gly Gly Pro Glu Leu
1 5

<210> 28721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28721
Val Leu Gly Gly Pro Glu Leu Gly Pro Lys
1 5 10

<210> 28722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28722
Arg Glu Leu Tyr Asp Arg Gly Pro Pro Pro
1 5 10

<210> 28723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28723
Val Ile Ile Val Phe Cys Tyr Pro Lys
1 5

<210> 28724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28724
Ala Pro Asn Lys Ala Asp Val Ile Ile
1 5

<210> 28725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28725
Asn Lys Ala Asp Val Ile Ile Val Phe
1 5

<210> 28726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28726
Ile Val Phe Cys Tyr Pro Lys Thr Ile
1 5

<210> 28727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28727
Lys Ala Asp Val Ile Ile Val Phe Cys Tyr
1 5 10

<210> 28728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28728
Asp Val Ile Ile Val Phe Cys Tyr Pro Lys
1 5 10

<210> 28729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28729
Ala Pro Asn Lys Ala Asp Val Ile Ile Val
1 5 10

<210> 28730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28730
Ile Val Phe Cys Tyr Pro Lys Thr Ile Ile
1 5 10

<210> 28731
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28731
Leu Met Glu Thr Phe Leu Ile Leu Ile
1 5

<210> 28732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28732
Ile Leu Ile Met Gly Ser Trp Leu Met
1 5

<210> 28733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28733
Ile Met Gly Ser Trp Leu Met Gln Ala
1 5

<210> 28734
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28734
Met Glu Thr Phe Leu Ile Leu Ile Met

1 5

<210> 28735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28735
Phe Leu Ile Leu Ile Met Gly Ser Trp
1 5

<210> 28736
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28736
Gln Leu Met Glu Thr Phe Leu Ile Leu Ile
1 5 10

<210> 28737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28737
Phe Leu Ile Leu Ile Met Gly Ser Trp Leu
1 5 10

<210> 28738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28738
Leu Ile Met Gly Ser Trp Leu Met Gln Ala
1 5 10

<210> 28739

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28739
Thr Phe Leu Ile Leu Ile Met Gly Ser Trp
1 5 10

<210> 28740
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28740
Glu Thr Phe Leu Ile Leu Ile Met Gly Ser
1 5 10

<210> 28741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28741
Leu Met Glu Thr Phe Leu Ile Leu Ile Met
1 5 10

<210> 28742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28742
Leu Ile Leu Ile Met Gly Ser Trp Leu Met
1 5 10

<210> 28743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28743
Arg Thr Arg His Pro Asn Met Glu Leu
1 5

<210> 28744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28744
Arg Thr Arg His Pro Asn Met Glu Leu Cys
1 5 10

<210> 28745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28745
Leu Glu Cys Arg Thr Arg His Pro Asn Met
1 5 10

<210> 28746
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28746
His Pro Asn Met Glu Leu Cys Arg Asp Ile
1 5 10

<210> 28747
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28747
Val Val Tyr Ser Gly Lys Glu Gly Lys
1 5

<210> 28748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28748
Arg Ile Glu Ile Val Val Tyr Ser Gly Lys
1 5 10

<210> 28749
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28749
Ile Val Val Tyr Ser Gly Lys Glu Gly Lys
1 5 10

<210> 28750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28750
Phe Gln Arg Lys Gln Glu Cys Ser Val
1 5

<210> 28751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28751
Ala Leu Phe Ser Val Pro Cys Cys Leu
1 5

<210> 28752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28752
Ala Leu Arg Cys Pro Ser Gly Pro Ala
1 5

<210> 28753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28753
Arg Met Arg Pro Arg Leu Phe Pro His
1 5

<210> 28754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28754
Arg Leu Phe Pro His Pro Pro Met Arg
1 5

<210> 28755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28755
Ser Ala Ala Pro Cys Thr Ala Leu Arg
1 5

<210> 28756
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28756
Leu Phe Pro His Pro Pro Met Arg Leu
1 5

<210> 28757
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28757
Leu Ile Arg Pro His Pro Ser Pro Gly
1 5

<210> 28758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28758
Pro Pro Gly Gly Pro Gly Arg Pro Leu
1 5

<210> 28759
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28759
Cys Pro Val Pro Thr Ala Gly Cys Leu
1 5

<210> 28760
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28760
Ser Pro Ala Leu Phe Ser Val Pro Cys
1 5

<210> 28761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28761
Arg Pro His Pro Ser Pro Gly Thr Phe
1 5

<210> 28762
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28762
Phe Pro Pro Arg Lys Gly Gly Pro Val
1 5

<210> 28763
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28763
Gly Pro Val Arg Met Arg Pro Arg Leu
1 5

<210> 28764
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28764
Arg Pro Arg Leu Phe Pro His Pro Pro
1 5

<210> 28765
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28765
Leu Arg Cys Pro Ser Gly Pro Ala Leu
1 5

<210> 28766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28766
Ser Gln Arg Pro Pro Gly Gly Pro Gly
1 5

<210> 28767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28767
Gly Cys Leu Arg Ser Pro Ala Leu Phe
1 5

<210> 28768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28768
Leu Arg Ser Pro Ala Leu Phe Ser Val
1 5

<210> 28769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28769
Gln Gln Leu Gln His Gly Arg Gly Val
1 5

<210> 28770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28770
Leu Gln His Gly Arg Gly Val Leu Ile
1 5

<210> 28771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28771
Met Arg Leu Pro Cys Pro Gly Ile Leu
1 5

<210> 28772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28772
His Pro Ser Pro Gly Thr Phe Pro Pro
1 5

<210> 28773
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28773
Cys Leu Arg Ser Pro Ala Leu Phe Ser Val
1 5 10

<210> 28774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28774
Arg Leu Phe Pro His Pro Pro Met Arg Leu
1 5 10

<210> 28775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28775
Ala Leu Arg Cys Pro Ser Gly Pro Ala Leu
1 5 10

<210> 28776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28776
Ser Gln Arg Pro Pro Gly Gly Pro Gly Arg
1 5 10

<210> 28777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28777
Lys Gly Gly Pro Val Arg Met Arg Pro Arg
1 5 10

<210> 28778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28778
Arg Met Arg Pro Arg Leu Phe Pro His Pro
1 5 10

<210> 28779
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28779
Arg Pro Arg Leu Phe Pro His Pro Pro Met
1 5 10

<210> 28780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28780
His Pro Ser Pro Gly Thr Phe Pro Pro Arg
1 5 10

<210> 28781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28781

Ser Pro Ser Ala Ala Pro Cys Thr Ala Leu
1 5 10

<210> 28782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28782
Arg Pro Pro Gly Gly Pro Gly Arg Pro Leu
1 5 10

<210> 28783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28783
Pro Pro Arg Lys Gly Gly Pro Val Arg Met
1 5 10

<210> 28784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28784
Gly Pro Val Arg Met Arg Pro Arg Leu Phe
1 5 10

<210> 28785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28785
Phe Pro His Pro Pro Met Arg Leu Pro Cys
1 5 10

<210> 28786
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28786
Ala Gly Cys Leu Arg Ser Pro Ala Leu Phe
1 5 10

<210> 28787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28787
Leu Gln Gly Gln Gln Pro Pro Gln Gln Leu
1 5 10

<210> 28788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28788
Gly Gln Gln Pro Pro Gln Gln Leu Gln His
1 5 10

<210> 28789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28789
Gln Gln Leu Gln His Gly Arg Gly Val Leu
1 5 10

<210> 28790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28790
Ile Arg Pro His Pro Ser Pro Gly Thr Phe
1 5 10

<210> 28791
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28791
Cys Pro Gly Ile Leu Gly Glu Glu Glu Met
1 5 10

<210> 28792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28792
Pro Tyr Val Arg Asn Arg Pro Pro Phe
1 5

<210> 28793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28793
Tyr Val Arg Asn Arg Pro Pro Phe Gly
1 5

<210> 28794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28794
Asn Pro Tyr Val Arg Asn Arg Pro Pro Phe
1 5 10

<210> 28795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28795
Cys Ala Cys Ala Lys Ala Leu Lys Lys
1 5

<210> 28796
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28796
Lys Cys Ala Cys Ala Lys Ala Leu Lys
1 5

<210> 28797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28797
Cys Lys Cys Ala Cys Ala Lys Ala Leu
1 5

<210> 28798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28798
Arg Glu Asp Cys Lys Cys Ala Cys Ala

1 5

<210> 28799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28799
Cys Ala Cys Ala Lys Ala Leu Lys Lys Lys
1 5 10

<210> 28800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28800
Lys Cys Ala Cys Ala Lys Ala Leu Lys Lys
1 5 10

<210> 28801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28801
Leu Cys Phe Ala Ser Arg Ile Arg Lys
1 5

<210> 28802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28802
Cys Phe Ala Ser Arg Ile Arg Lys Ile
1 5

<210> 28803

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28803
Met Pro Lys Leu Cys Phe Ala Ser Arg
1 5

<210> 28804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28804
Lys Leu Cys Phe Ala Ser Arg Ile Arg
1 5

<210> 28805
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28805
Lys Lys Lys Met Pro Lys Leu Cys Phe
1 5

<210> 28806
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28806
Lys Lys Met Pro Lys Leu Cys Phe Ala
1 5

<210> 28807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28807
Lys Leu Cys Phe Ala Ser Arg Ile Arg Lys
1 5 10

<210> 28808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28808
Lys Lys Lys Met Pro Lys Leu Cys Phe Ala
1 5 10

<210> 28809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28809
Lys Met Pro Lys Leu Cys Phe Ala Ser Arg
1 5 10

<210> 28810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28810
Cys Phe Ala Ser Arg Ile Arg Lys Ile Arg
1 5 10

<210> 28811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28811
Met Pro Lys Leu Cys Phe Ala Ser Arg Ile
1 5 10

<210> 28812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28812
Lys Lys Lys Lys Met Pro Lys Leu Cys Phe
1 5 10

<210> 28813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28813
Lys Lys Met Pro Lys Leu Cys Phe Ala Ser
1 5 10

<210> 28814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28814
Tyr Pro Thr Leu Ala Ser Pro Ala Cys
1 5

<210> 28815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28815
Arg Leu Trp Phe Arg Glu Ala Glu Ile
1 5

<210> 28816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28816
Leu Trp Phe Arg Glu Ala Glu Ile Tyr
1 5

<210> 28817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28817
Ser Ser Arg Glu Glu Arg Leu Trp Phe
1 5

<210> 28818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28818
Glu Glu Arg Leu Trp Phe Arg Glu Ala
1 5

<210> 28819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28819
Phe Ser Ser Arg Glu Glu Arg Leu Trp
1 5

<210> 28820
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28820
Ser Ser Arg Glu Glu Arg Leu Trp Phe Arg
1 5 10

<210> 28821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28821
Ile Phe Ser Ser Arg Glu Glu Arg Leu Trp
1 5 10

<210> 28822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28822
Lys Ile Phe Ser Ser Arg Glu Glu Arg Leu
1 5 10

<210> 28823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28823
Arg Leu Trp Phe Arg Glu Ala Glu Ile Tyr
1 5 10

<210> 28824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28824
Phe Ser Ser Arg Glu Glu Arg Leu Trp Phe
1 5 10

<210> 28825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28825
Arg Glu Glu Arg Leu Trp Phe Arg Glu Ala
1 5 10

<210> 28826
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28826
Arg Val Met Cys Thr Trp Leu Thr Met
1 5

<210> 28827
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28827
Val Met Cys Thr Trp Leu Thr Met Ala
1 5

<210> 28828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28828
Trp Leu Thr Met Ala Pro Ser Cys Leu
1 5

<210> 28829
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28829
Leu Thr Met Ala Pro Ser Cys Leu Arg
1 5

<210> 28830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28830
Thr Met Ala Pro Ser Cys Leu Arg Arg
1 5

<210> 28831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28831
Ser Val Tyr Thr Gln Thr Arg Arg Arg
1 5

<210> 28832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28832
Ser Leu Thr Ser Thr Ser Ile Arg Lys
1 5

<210> 28833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28833
Arg Leu Gly Asp Ala Ser Ala Pro Arg
1 5

<210> 28834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28834
Thr Ser Leu Thr Ser Thr Ser Ile Arg
1 5

<210> 28835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28835
Thr Ser Ile Arg Lys Gly Pro Gly Lys
1 5

<210> 28836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28836
Arg Val Lys Val Cys Ser Gly Ala Ala
1 5

<210> 28837
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28837
Ser Ala Arg Val Met Cys Thr Trp Leu
1 5

<210> 28838
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28838
Gly Thr Arg Met Arg Ala Gly Ser Val
1 5

<210> 28839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28839
Arg Met Arg Ala Gly Ser Val Tyr Thr
1 5

<210> 28840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28840
Gln Thr Arg Arg Arg Leu Gly Asp Ala
1 5

<210> 28841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28841
Ala Ser Ala Pro Arg Arg Trp Ala Val
1 5

<210> 28842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28842
Ser Ile Arg Lys Gly Pro Gly Lys Arg
1 5

<210> 28843
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28843
Gln Val Leu Asp Ala Thr Pro Arg Arg
1 5

<210> 28844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28844
Thr Thr Ser Pro Gly Cys Gly Thr Arg
1 5

<210> 28845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28845

Trp Thr Ser Leu Thr Ser Thr Ser Ile
1 5

<210> 28846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28846
Ala Pro Ser Cys Leu Arg Arg Ser Thr
1 5

<210> 28847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28847
Ala Val Thr Pro Ala Trp Thr Ser Leu
1 5

<210> 28848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28848
Thr Pro Arg Arg Arg Val Lys Val Cys
1 5

<210> 28849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28849
Ala Gln Pro Gln Ser Pro Pro Ser Ala
1 5

<210> 28850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28850
Thr Arg Met Arg Ala Gly Ser Val Tyr
1 5

<210> 28851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28851
Arg Arg Trp Ala Val Thr Pro Ala Trp
1 5

<210> 28852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28852
Thr Pro Ala Trp Thr Ser Leu Thr Ser
1 5

<210> 28853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28853
Arg Val Met Cys Thr Trp Leu Thr Met Ala
1 5 10

<210> 28854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28854
Leu Thr Met Ala Pro Ser Cys Leu Arg Arg
1 5 10

<210> 28855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28855
Thr Ser Leu Thr Ser Thr Ser Ile Arg Lys
1 5 10

<210> 28856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28856
Ser Thr Ser Ile Arg Lys Gly Pro Gly Lys
1 5 10

<210> 28857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28857
Thr Trp Leu Thr Met Ala Pro Ser Cys Leu
1 5 10

<210> 28858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28858
Arg Val Lys Val Cys Ser Gly Ala Ala Gln
1 5 10

<210> 28859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28859
Ser Ala Arg Val Met Cys Thr Trp Leu Thr
1 5 10

<210> 28860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28860
Gly Thr Arg Met Arg Ala Gly Ser Val Tyr
1 5 10

<210> 28861
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28861
Arg Met Arg Ala Gly Ser Val Tyr Thr Gln
1 5 10

<210> 28862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28862
Arg Ala Gly Ser Val Tyr Thr Gln Thr Arg

1 5 10

<210> 28863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28863
Ser Val Tyr Thr Gln Thr Arg Arg Arg Leu
1 5 10

<210> 28864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28864
Gln Val Leu Asp Ala Thr Pro Arg Arg Arg
1 5 10

<210> 28865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28865
Trp Leu Thr Met Ala Pro Ser Cys Leu Arg
1 5 10

<210> 28866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28866
Trp Thr Ser Leu Thr Ser Thr Ser Ile Arg
1 5 10

<210> 28867

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28867
Thr Ser Ile Arg Lys Gly Pro Gly Lys Arg
1 5 10

<210> 28868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28868
Asp Ala Ser Ala Pro Arg Arg Trp Ala Val
1 5 10

<210> 28869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28869
Trp Ala Val Thr Pro Ala Trp Thr Ser Leu
1 5 10

<210> 28870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28870
Arg Leu Gly Asp Ala Ser Ala Pro Arg Arg
1 5 10

<210> 28871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28871
Gln Pro Gln Ser Pro Pro Ser Ala Arg Val
1 5 10

<210> 28872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28872
Ala Pro Arg Arg Trp Ala Val Thr Pro Ala
1 5 10

<210> 28873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28873
Thr Pro Ala Trp Thr Ser Leu Thr Ser Thr
1 5 10

<210> 28874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28874
Arg Arg Val Lys Val Cys Ser Gly Ala Ala
1 5 10

<210> 28875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28875
Pro Gln Ser Pro Pro Ser Ala Arg Val Met
1   5   10

<210> 28876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 28876
Ala Arg Val Met Cys Thr Trp Leu Thr Met
1   5   10

<210> 28877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 28877
Ala Trp Thr Ser Leu Thr Ser Thr Ser Ile
1   5   10

<210> 28878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 28878
Pro Pro Ser Ala Arg Val Met Cys Thr Trp
1   5   10

<210> 28879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 28879
Ser Val Trp Asp Ser Tyr Ala Glu Leu
1   5

<210> 28880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28880
Glu Leu Arg Gln Leu Thr Leu Pro Arg
1 5

<210> 28881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28881
Tyr Ala Glu Leu Arg Gln Leu Thr Leu
1 5

<210> 28882
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28882
Ser Val Trp Asp Ser Tyr Ala Glu Leu Arg
1 5 10

<210> 28883
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28883
Ser Tyr Ala Glu Leu Arg Gln Leu Thr Leu
1 5 10

<210> 28884
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28884
Leu Ser Val Trp Asp Ser Tyr Ala Glu Leu
1 5 10

<210> 28885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28885
Val Asn Tyr Phe Ile Ser Ala Gln Lys
1 5

<210> 28886
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28886
Asn Ser Lys Pro Ser Val Asn Tyr Phe
1 5

<210> 28887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28887
Ser Val Asn Tyr Phe Ile Ser Ala Gln Lys
1 5 10

<210> 28888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28888
Asn Ser Lys Pro Ser Val Asn Tyr Phe Ile
1 5 10

<210> 28889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28889
Lys Pro Ser Val Asn Tyr Phe Ile Ser Ala
1 5 10

<210> 28890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28890
Ala Glu Asn Ser Lys Pro Ser Val Asn Tyr
1 5 10

<210> 28891
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28891
Ala Leu Cys Arg Pro Pro Val Gly Arg
1 5

<210> 28892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28892
Thr Leu Gly Ala Leu Cys Arg Pro Pro Val
1 5 10

<210> 28893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28893
Arg Leu Arg Thr Leu Gly Ala Leu Cys Arg
1 5 10

<210> 28894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28894
Arg Pro Pro Val Gly Arg Arg Leu Pro Gly
1 5 10

<210> 28895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28895
Glu Ser Arg Asp Lys Leu Gly Ala Arg
1 5

<210> 28896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28896
Gly Ala Arg Gly Asp Phe Pro Thr Gly Lys
1 5 10

<210> 28897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28897
Leu Val Pro Tyr Ala Cys Gly Glu Val
1 5

<210> 28898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28898
Val Leu Val Pro Tyr Ala Cys Gly Glu Val
1 5 10

<210> 28899
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28899
Leu Val Pro Tyr Ala His Gly Glu Val
1 5

<210> 28900
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28900
Tyr Ala His Gly Glu Val Lys Pro Arg
1 5

<210> 28901
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28901
Val Leu Val Pro Tyr Ala His Gly Glu Val
1 5 10

<210> 28902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28902
Leu Asn Arg Thr Val Val Ala Asn Lys
1 5

<210> 28903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28903
Val Ala Asn Lys Ile Cys Glu His Phe
1 5

<210> 28904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28904
Asn Lys Ile Cys Glu His Phe Ala Leu
1 5

<210> 28905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28905
Lys Leu Asn Arg Thr Val Val Ala Asn Lys
1 5 10

<210> 28906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28906
Val Val Ala Asn Lys Ile Cys Glu His Phe
1 5 10

<210> 28907
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28907
Thr Ala Asn Met Gly Pro Gly Ser Lys
1 5

<210> 28908
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28908
Lys Asn Ser Gly Val Thr Ala Asn Met
1 5

<210> 28909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28909

Ala Asn Met Gly Pro Gly Ser Lys Phe
1 5

<210> 28910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28910
Val Thr Ala Asn Met Gly Pro Gly Ser Lys
1 5 10

<210> 28911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28911
Met Gly Pro Gly Ser Lys Phe Ala Gly Tyr
1 5 10

<210> 28912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28912
Gln Lys Asn Ser Gly Val Thr Ala Asn Met
1 5 10

<210> 28913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28913
Thr Ala Asn Met Gly Pro Gly Ser Lys Phe
1 5 10

<210> 28914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28914
Leu Leu Leu Gly Arg Gly Gln Glu Ala
1 5

<210> 28915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28915
Arg Gly Gln Glu Ala His Leu Gln Leu
1 5

<210> 28916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28916
Gln Glu Ala His Leu Gln Leu Gln Leu
1 5

<210> 28917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28917
Leu Leu Gly Arg Gly Gln Glu Ala His Leu
1 5 10

<210> 28918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28918
Glu Ala His Leu Gln Leu Gln Leu Pro Arg
1 5 10

<210> 28919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28919
Gly Gln Glu Ala His Leu Gln Leu Gln Leu
1 5 10

<210> 28920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28920
Cys Leu Phe Ser Lys Cys Ile Ala Met
1 5

<210> 28921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28921
Leu Phe Ser Lys Cys Ile Ala Met Lys
1 5

<210> 28922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28922
Leu Ala Phe Phe Pro Ser Cys Leu Phe
1 5

<210> 28923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28923
Phe Pro Ser Cys Leu Phe Ser Lys Cys
1 5

<210> 28924
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28924
Ala Phe Phe Pro Ser Cys Leu Phe Ser Lys
1 5 10

<210> 28925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28925
Cys Leu Phe Ser Lys Cys Ile Ala Met Lys
1 5 10

<210> 28926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28926
Glu Leu Ala Phe Phe Pro Ser Cys Leu Phe

1 5 10

<210> 28927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28927
Ser Cys Leu Phe Ser Lys Cys Ile Ala Met
1 5 10

<210> 28928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28928
Phe Pro Ser Cys Leu Phe Ser Lys Cys Ile
1 5 10

<210> 28929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28929
Arg Thr Thr Thr Ser Pro Thr Thr Thr Arg
1 5 10

<210> 28930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28930
Thr Thr Arg Arg Thr Thr Thr Ser Pro Thr
1 5 10

<210> 28931

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28931
Glu Ser Ile Lys Asn Ser Val Thr Arg
1 5

<210> 28932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28932
Lys Glu Ser Ile Lys Asn Ser Val Thr
1 5

<210> 28933
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28933
Glu Met Lys Glu Ser Ile Lys Asn Ser Val
1 5 10

<210> 28934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28934
Lys Glu Met Lys Glu Ser Ile Lys Asn Ser
1 5 10

<210> 28935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28935
Ser Trp Tyr Arg Gly Trp Ala Pro Pro Gly
1 5 10

<210> 28936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28936
Val Thr Ser Thr Asn Lys Glu Ser Lys
1 5

<210> 28937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28937
Ser Thr Asn Lys Glu Ser Lys Lys Tyr
1 5

<210> 28938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28938
Lys Lys Tyr Arg Lys Leu Gln Thr His
1 5

<210> 28939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28939
Val Thr Ser Thr Asn Lys Glu Ser Lys Lys
1 5 10

<210> 28940
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28940
Ser Thr Asn Lys Glu Ser Lys Lys Tyr Arg
1 5 10

<210> 28941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28941
His Val Thr Ser Thr Asn Lys Glu Ser Lys
1 5 10

<210> 28942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28942
Lys Lys Tyr Arg Lys Leu Gln Thr His Ala
1 5 10

<210> 28943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28943
Lys Asp Gln Cys Lys Ala Ala Val Phe
1 5

<210> 28944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28944
Tyr Lys Asp Gln Cys Lys Ala Ala Val Phe
1 5 10

<210> 28945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28945
Arg Ala Ala Thr Ser Arg Met Glu Arg
1 5

<210> 28946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28946
Val Pro Arg Ala Ala Thr Ser Arg Met
1 5

<210> 28947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28947
Met Glu Arg Ile Trp Pro Gly Gly Val
1 5

<210> 28948
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28948
Arg Met Glu Arg Ile Trp Pro Gly Gly Val
1 5 10

<210> 28949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28949
Arg Val Pro Arg Ala Ala Thr Ser Arg Met
1 5 10

<210> 28950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28950
Arg Ala Ala Thr Ser Arg Met Glu Arg Ile
1 5 10

<210> 28951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28951
Met Glu Arg Ile Trp Pro Gly Gly Val Ile
1 5 10

<210> 28952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28952
Phe Leu Arg Phe Tyr Leu Asp Ala Ser
1 5

<210> 28953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28953
Ser Ser Met Phe Leu Arg Phe Tyr Leu
1 5

<210> 28954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28954
Phe Tyr Leu Asp Ala Ser Val Gln Arg
1 5

<210> 28955
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28955
Leu Arg Phe Tyr Leu Asp Ala Ser Val
1 5

<210> 28956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28956
Ser Met Phe Leu Arg Phe Tyr Leu Asp Ala
1 5 10

<210> 28957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28957
Phe Leu Arg Phe Tyr Leu Asp Ala Ser Val
1 5 10

<210> 28958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28958
Arg Phe Tyr Leu Asp Ala Ser Val Gln Arg
1 5 10

<210> 28959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28959
Phe Phe Tyr Ser Asp Gln Asn Val Asp Leu
1 5 10

<210> 28960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28960
Tyr Leu Phe Tyr Val Leu Ser Thr Leu
1 5

<210> 28961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28961
Tyr Val Leu Ser Thr Leu Tyr Ser Leu
1 5

<210> 28962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28962
Val Leu Ser Thr Leu Tyr Ser Leu Thr
1 5

<210> 28963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28963
Phe Tyr Leu Phe Tyr Val Leu Ser Thr
1 5

<210> 28964
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28964
Leu Phe Tyr Val Leu Ser Thr Leu Tyr
1 5

<210> 28965
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28965
Ile Pro Arg Phe Tyr Leu Phe Tyr Val
1 5

<210> 28966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28966
His Ile Pro Arg Phe Tyr Leu Phe Tyr Val
1 5 10

<210> 28967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28967
Tyr Leu Phe Tyr Val Leu Ser Thr Leu Tyr
1 5 10

<210> 28968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28968
Phe Tyr Leu Phe Tyr Val Leu Ser Thr Leu
1 5 10

<210> 28969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28969
Phe Tyr Val Leu Ser Thr Leu Tyr Ser Leu
1 5 10

<210> 28970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28970
Arg Phe Tyr Leu Phe Tyr Val Leu Ser Thr
1 5 10

<210> 28971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28971
Ile Pro Arg Phe Tyr Leu Phe Tyr Val Leu
1 5 10

<210> 28972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28972
Asp Ile Phe Thr Glu Leu Arg Asn Val
1 5

<210> 28973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28973

Phe Thr Glu Leu Arg Asn Val Thr Phe
1 5

<210> 28974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28974
Thr Glu Leu Arg Asn Val Thr Phe Leu
1 5

<210> 28975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28975
Leu Arg Asn Val Thr Phe Leu Asp Leu
1 5

<210> 28976
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28976
Ile Phe Thr Glu Leu Arg Asn Val Thr Phe
1 5 10

<210> 28977
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28977
Glu Leu Arg Asn Val Thr Phe Leu Asp Leu
1 5 10

<210> 28978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28978
Val Leu Ser Leu Trp Ala Ile Pro Val
1 5

<210> 28979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28979
Val Phe Val Leu Ser Leu Trp Ala Ile
1 5

<210> 28980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28980
Trp Ala Ile Pro Val Thr Tyr Val Phe
1 5

<210> 28981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28981
Ser Leu Trp Ala Ile Pro Val Thr Tyr
1 5

<210> 28982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28982
Gly Val Phe Val Leu Ser Leu Trp Ala Ile
1 5 10

<210> 28983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28983
Phe Val Leu Ser Leu Trp Ala Ile Pro Val
1 5 10

<210> 28984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28984
Val Leu Ser Leu Trp Ala Ile Pro Val Thr
1 5 10

<210> 28985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28985
Ser Leu Trp Ala Ile Pro Val Thr Tyr Val
1 5 10

<210> 28986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 28986
Leu Trp Ala Ile Pro Val Thr Tyr Val Phe
1 5 10

<210> 28987
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28987
Leu Ser Leu Trp Ala Ile Pro Val Thr Tyr
1 5 10

<210> 28988
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28988
His Pro Ser Glu Asn Leu Gly Gln Val
1 5

<210> 28989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28989
His Pro Ser Glu Asn Leu Gly Gln Val Leu
1 5 10

<210> 28990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28990
Ser Glu Gly Lys His Pro Ser Glu Asn Leu

1 5 10

<210> 28991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28991
Ser Ile Gln Pro Ser Phe Cys His Arg
1 5

<210> 28992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28992
Ser Ser Ile Gln Pro Ser Phe Cys His Arg
1 5 10

<210> 28993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28993
Arg Thr Ser Ser Ile Gln Pro Ser Phe Cys
1 5 10

<210> 28994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28994
Gln Gln Ala Gly His Ile Lys Gln Val
1 5

<210> 28995

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28995
His Ile Lys Gln Val Phe Glu Lys Lys
1 5

<210> 28996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28996
Gln Ala Gly His Ile Lys Gln Val Phe
1 5

<210> 28997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28997
Ala Gly His Ile Lys Gln Val Phe Glu Lys
1 5 10

<210> 28998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 28998
Gln Gln Ala Gly His Ile Lys Gln Val Phe
1 5 10

<210> 28999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 28999
Lys Gln Gln Ala Gly His Ile Lys Gln Val
1 5 10

<210> 29000
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29000
Ser Leu Ser Gln His Ser Met Glu Leu
1 5

<210> 29001
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29001
His Ser Met Glu Leu Asp Thr Ser Lys
1 5

<210> 29002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29002
Met Glu Leu Asp Thr Ser Lys Phe Phe
1 5

<210> 29003
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29003
Leu Glu Ser Leu Ser Gln His Ser Met
1 5

<210> 29004
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29004
Ser Gln His Ser Met Glu Leu Asp Thr
1 5

<210> 29005
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29005
Ser Met Glu Leu Asp Thr Ser Lys Phe
1 5

<210> 29006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29006
Glu Leu Asp Thr Ser Lys Phe Phe Gly Arg
1 5 10

<210> 29007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29007
Glu Ser Leu Ser Gln His Ser Met Glu Leu
1 5 10

<210> 29008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29008
His Ser Met Glu Leu Asp Thr Ser Lys Phe
1 5 10

<210> 29009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29009
Leu Leu Glu Ser Leu Ser Gln His Ser Met
1 5 10

<210> 29010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29010
Ser Gln His Ser Met Glu Leu Asp Thr Ser
1 5 10

<210> 29011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29011
Ser Met Glu Leu Asp Thr Ser Lys Phe Phe
1 5 10

<210> 29012
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29012
Met Glu Leu Asp Thr Ser Lys Phe Phe Gly
1 5 10

<210> 29013
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29013
His Ala Pro Leu Gly Pro Tyr Pro Arg
1 5

<210> 29014
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29014
Tyr Pro Arg Gly Pro His Tyr Asp Ala
1 5

<210> 29015
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29015
Gly Pro Tyr Pro Arg Gly Pro His Tyr
1 5

<210> 29016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29016
Leu Gly Pro Tyr Pro Arg Gly Pro His Tyr
1 5 10

<210> 29017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29017
Tyr Pro Arg Gly Pro His Tyr Asp Ala Gly
1 5 10

<210> 29018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29018
Asn Ser Val Pro Pro Pro Pro Pro Leu
1 5

<210> 29019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29019
Arg Asn Ser Val Pro Pro Pro Pro Pro Leu
1 5 10

<210> 29020
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29020
Pro Gln Arg Leu Ser Pro Ala Pro Leu
1 5

<210> 29021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29021
Gln Pro Gln Glu Pro Gln Pro Gln Arg Leu
1 5 10

<210> 29022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29022
Glu Pro Gln Pro Gln Arg Leu Ser Pro Ala
1 5 10

<210> 29023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29023
Gln Pro Gln Arg Leu Ser Pro Ala Pro Leu
1 5 10

<210> 29024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29024
Arg Val Asp Phe Trp Trp Cys Arg Leu Arg
1 5 10

<210> 29025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29025
Phe Trp Trp Cys Arg Leu Arg Ala Ser Leu
1 5 10

<210> 29026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29026
Gly Val Arg Val Asp Phe Trp Trp Cys Arg
1 5 10

<210> 29027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29027
Trp Trp Cys Arg Leu Arg Ala Ser Leu Arg
1 5 10

<210> 29028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29028
Trp Cys Arg Leu Arg Ala Ser Leu Arg Leu
1 5 10

<210> 29029
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29029
Val Arg Val Asp Phe Trp Trp Cys Arg Leu
1 5 10

<210> 29030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29030
Tyr Gln His Ala Met Val Trp Val Leu
1 5

<210> 29031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29031
Met Val Trp Val Leu Thr Gln Phe Val
1 5

<210> 29032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29032
Ala Met Val Trp Val Leu Thr Gln Phe
1 5

<210> 29033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29033
Leu Gln Tyr Gln His Ala Met Val Trp
1 5

<210> 29034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29034
Gln Tyr Gln His Ala Met Val Trp Val
1 5

<210> 29035
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29035
Leu Gln Tyr Gln His Ala Met Val Trp Val
1 5 10

<210> 29036
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29036
Tyr Gln His Ala Met Val Trp Val Leu Thr
1 5 10

<210> 29037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29037

Ala Met Val Trp Val Leu Thr Gln Phe Val
1 5 10

<210> 29038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29038
Met Val Trp Val Leu Thr Gln Phe Val Ala
1 5 10

<210> 29039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29039
Trp Val Leu Thr Gln Phe Val Ala Glu Ala
1 5 10

<210> 29040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29040
Gln Tyr Gln His Ala Met Val Trp Val Leu
1 5 10

<210> 29041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29041
His Ala Met Val Trp Val Leu Thr Gln Phe
1 5 10

<210> 29042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29042
Thr Leu Gln Tyr Gln His Ala Met Val Trp
1 5 10

<210> 29043
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29043
Ala Met Gly Ser Gly Gln Ala Thr Val
1 5

<210> 29044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29044
Ser Thr Thr Pro Cys Thr Gln Gly Val
1 5

<210> 29045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29045
Leu Ser Ser Trp Phe Ser Pro Pro Arg
1 5

<210> 29046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29046
Ser Met Ser Pro Gly Pro Pro Cys Arg
1 5

<210> 29047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29047
Gly Ser Gly Ala Ser Ser Phe Ile Arg
1 5

<210> 29048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29048
Ser Trp Phe Ser Pro Pro Arg Trp Leu
1 5

<210> 29049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29049
Thr Ser Arg Arg Gly Pro Pro Trp Ser
1 5

<210> 29050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29050
Gly Val Arg Glu Gly Thr Ala Ser Gly
1 5

<210> 29051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29051
Lys Thr Arg Gly Glu Ala Met Gly Ser
1 5

<210> 29052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29052
Arg Gly Ser Gly Ala Ser Ser Phe Ile
1 5

<210> 29053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29053
Ser Gly Lys Thr Arg Gly Glu Ala Met
1 5

<210> 29054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29054
Ser Ser Trp Phe Ser Pro Pro Arg Trp

1 5

<210> 29055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29055
Trp Leu Pro Gly Gly Gly Ser Pro Trp
1 5

<210> 29056
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29056
Trp Thr Ser Arg Arg Gly Pro Pro Trp
1 5

<210> 29057
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29057
Ser Gly Gln Ala Thr Val Thr Ser Met
1 5

<210> 29058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29058
Cys Arg Gly Ser Gly Ala Ser Ser Phe
1 5

<210> 29059

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29059
Gly Glu Ala Met Gly Ser Gly Gln Ala
1 5

<210> 29060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29060
Trp Leu Pro Gly Gly Gly Ser Pro Trp Thr
1 5 10

<210> 29061
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29061
Leu Leu Ser Ser Trp Phe Ser Pro Pro Arg
1 5 10

<210> 29062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29062
Gly Val Arg Glu Gly Thr Ala Ser Gly Lys
1 5 10

<210> 29063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29063
Thr Ser Met Ser Pro Gly Pro Pro Cys Arg
1 5 10

<210> 29064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29064
Arg Trp Leu Pro Gly Gly Gly Ser Pro Trp
1 5 10

<210> 29065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29065
Lys Thr Arg Gly Glu Ala Met Gly Ser Gly
1 5 10

<210> 29066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29066
Arg Gly Ser Gly Ala Ser Ser Phe Ile Arg
1 5 10

<210> 29067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29067
Ser Thr Thr Pro Cys Thr Gln Gly Val Arg
1 5 10

<210> 29068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29068
Ser Ser Thr Thr Pro Cys Thr Gln Gly Val
1 5 10

<210> 29069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29069
Glu Ala Met Gly Ser Gly Gln Ala Thr Val
1 5 10

<210> 29070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29070
Ser Pro Trp Thr Ser Arg Arg Gly Pro Pro
1 5 10

<210> 29071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29071
Leu Ser Ser Trp Phe Ser Pro Pro Arg Trp
1 5 10

<210> 29072
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29072
Ser Ser Trp Phe Ser Pro Pro Arg Trp Leu
1 5 10

<210> 29073
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29073
Ala Ser Gly Lys Thr Arg Gly Glu Ala Met
1 5 10

<210> 29074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29074
Gly Glu Ala Met Gly Ser Gly Gln Ala Thr
1 5 10

<210> 29075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29075
Gly Ser Gly Gln Ala Thr Val Thr Ser Met
1 5 10

<210> 29076
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29076
Leu Val Met Ser Arg Asn Val Gly Lys
1 5

<210> 29077
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29077
Ser Arg Asn Val Gly Lys Gly Glu Tyr
1 5

<210> 29078
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29078
Gly Leu Asn Leu Val Met Ser Arg Asn Val
1 5 10

<210> 29079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29079
Met Ser Arg Asn Val Gly Lys Gly Glu Tyr
1 5 10

<210> 29080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29080
Pro Ser Asn Phe Cys Asn Phe Thr Arg
1 5

<210> 29081
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29081
Phe Leu Asn Pro Ser Asn Phe Cys Asn Phe
1 5 10

<210> 29082
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29082
Asn Pro Ser Asn Phe Cys Asn Phe Thr Arg
1 5 10

<210> 29083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29083
Ile Ser Leu Val Trp Cys Pro Leu Val
1 5

<210> 29084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29084
Ser Leu Val Trp Cys Pro Leu Val Leu
1 5

<210> 29085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29085
Val Trp Cys Pro Leu Val Leu Ser Phe
1 5

<210> 29086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29086
Asn Ile Ser Leu Val Trp Cys Pro Leu
1 5

<210> 29087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29087
Cys Pro Leu Val Leu Ser Phe Ala Ile
1 5

<210> 29088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29088
Asn Ile Ser Leu Val Trp Cys Pro Leu Val
1 5 10

<210> 29089
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29089
Ile Ser Leu Val Trp Cys Pro Leu Val Leu
1 5 10

<210> 29090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29090
Leu Val Trp Cys Pro Leu Val Leu Ser Phe
1 5 10

<210> 29091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29091
Met Asn Ile Ser Leu Val Trp Cys Pro Leu
1 5 10

<210> 29092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29092
Thr Leu Gln Leu Trp Leu Ile Ile Leu
1 5

<210> 29093
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29093
Leu Gln Leu Trp Leu Ile Ile Leu Leu
1 5

<210> 29094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29094
Glu Ala Thr Phe Asp Thr Leu Gln Leu
1 5

<210> 29095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29095
Ala Thr Phe Asp Thr Leu Gln Leu Trp
1 5

<210> 29096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29096
Thr Leu Gln Leu Trp Leu Ile Ile Leu Leu
1 5 10

<210> 29097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29097
Gln Leu Trp Leu Ile Ile Leu Leu Cys Ala
1 5 10

<210> 29098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29098
Ala Thr Phe Asp Thr Leu Gln Leu Trp Leu
1 5 10

<210> 29099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29099
Thr Phe Asp Thr Leu Gln Leu Trp Leu Ile
1 5 10

<210> 29100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29100
Thr Glu Ala Thr Phe Asp Thr Leu Gln Leu
1 5 10

<210> 29101
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29101

Glu Ala Thr Phe Asp Thr Leu Gln Leu Trp
1 5 10

<210> 29102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29102
Gly Phe Gly Pro Gly Gly Glu Leu Tyr
1 5

<210> 29103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29103
Trp Gly Phe Gly Pro Gly Gly Glu Leu
1 5

<210> 29104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29104
Gly Glu Leu Tyr Phe Ile Ser Thr Gly
1 5

<210> 29105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29105
Gly Phe Gly Pro Gly Gly Glu Leu Tyr Phe
1 5 10

<210> 29106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29106
Trp Gly Phe Gly Pro Gly Gly Glu Leu Tyr
1 5 10

<210> 29107
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29107
Ile Ser Lys Gly Gly Ala Gly Arg Ala
1 5

<210> 29108
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29108
Ala Gly Arg Ala Val Pro Val Leu Ile
1 5

<210> 29109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29109
Tyr Ile Ser Lys Gly Gly Ala Gly Arg
1 5

<210> 29110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29110
Ser Lys Gly Gly Ala Gly Arg Ala Val
1 5

<210> 29111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29111
Tyr Ile Ser Lys Gly Gly Ala Gly Arg Ala
1 5 10

<210> 29112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29112
Ala Gly Arg Ala Val Pro Val Leu Ile Ile
1 5 10

<210> 29113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29113
Asn Gln Arg Glu Arg Gln His Glu Val
1 5

<210> 29114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29114
Tyr Leu His Glu Lys Asn Gln Arg Glu Arg
1 5 10

<210> 29115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29115
Asn Gln Arg Glu Arg Gln His Glu Val Val
1 5 10

<210> 29116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29116
Asn Ser Leu Phe Phe Ser Tyr Cys Phe
1 5

<210> 29117
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29117
Asn Arg Asn Ser Leu Phe Phe Ser Tyr
1 5

<210> 29118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29118
Arg Asn Ser Leu Phe Phe Ser Tyr Cys Phe

1 5 10

<210> 29119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29119
Glu Asn Arg Asn Ser Leu Phe Phe Ser Tyr
1 5 10

<210> 29120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29120
Asn Val Pro Leu Lys Val Phe Leu Leu
1 5

<210> 29121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29121
Leu Lys Val Phe Leu Leu Val Leu Phe
1 5

<210> 29122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29122
Val Pro Leu Lys Val Phe Leu Leu Val
1 5

<210> 29123

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29123
Asn Val Pro Leu Lys Val Phe Leu Leu Val
1 5 10

<210> 29124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29124
Val Pro Leu Lys Val Phe Leu Leu Val Leu
1 5 10

<210> 29125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29125
Thr Leu Ala Leu Leu Leu Ser Gly Ala
1 5

<210> 29126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29126
Ala Leu Leu Leu Ser Gly Ala Ala Ile
1 5

<210> 29127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29127
Leu Leu Leu Ser Gly Ala Ala Ile Ile
1 5

<210> 29128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29128
Leu Leu Ser Gly Ala Ala Ile Ile Leu
1 5

<210> 29129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29129
Ala Leu Leu Leu Ser Gly Ala Ala Ile Ile
1 5 10

<210> 29130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29130
Leu Leu Leu Ser Gly Ala Ala Ile Ile Leu
1 5 10

<210> 29131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29131
Leu Leu Ser Gly Ala Ala Ile Ile Leu Ile
1 5 10

<210> 29132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29132
Thr Leu Ala Leu Leu Leu Ser Gly Ala Ala
1 5 10

<210> 29133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29133
Ser Gly Ala Ala Ile Ile Leu Ile Ala Phe
1 5 10

<210> 29134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29134
Leu Ala Leu Leu Leu Ser Gly Ala Ala Ile
1 5 10

<210> 29135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29135
Ser Val Gly Ser Ala Leu Pro Gln Arg
1 5

<210> 29136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29136
Leu Pro Gln Arg Arg Cys Cys Ala Tyr
1 5

<210> 29137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29137
Ser Ser Val Gly Ser Ala Leu Pro Gln Arg
1 5 10

<210> 29138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29138
Ala Leu Pro Gln Arg Arg Cys Cys Ala Tyr
1 5 10

<210> 29139
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29139
Leu Pro Gln Arg Arg Cys Cys Ala Tyr Ile
1 5 10

<210> 29140
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29140
Ile Lys Lys Lys Pro Gly Thr Ser Leu
1 5

<210> 29141
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29141
Asn Ile Lys Lys Lys Pro Gly Thr Ser Leu
1 5 10

<210> 29142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29142
Lys Lys Pro Gly Thr Ser Leu Gln Cys Tyr
1 5 10

<210> 29143
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29143
His Tyr Thr Cys Arg Gln Ser Pro Arg
1 5

<210> 29144
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29144
Arg Gln Ser Pro Arg Leu Leu Thr Asn
1 5

<210> 29145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29145
Ser His Tyr Thr Cys Arg Gln Ser Pro Arg
1 5 10

<210> 29146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29146
Gln Ser Pro Arg Leu Leu Thr Asn Gly Tyr
1 5 10

<210> 29147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29147
Arg Gln Ser Pro Arg Leu Leu Thr Asn Gly
1 5 10

<210> 29148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29148
Arg Asn Gln Ser Ser Pro Ser Ala Lys
1 5

<210> 29149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29149
Glu Gln Arg Asn Gln Ser Ser Pro Ser Ala
1 5 10

<210> 29150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29150
Arg Thr Phe Met Pro Pro Pro Gly His
1 5

<210> 29151
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29151
Met Pro Pro Pro Gly His Pro Pro Arg
1 5

<210> 29152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29152
Arg Thr Phe Met Pro Pro Pro Gly His Pro
1 5 10

<210> 29153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29153
Phe Met Pro Pro Pro Gly His Pro Pro Arg
1 5 10

<210> 29154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29154
Gly Glu Cys Arg Thr Phe Met Pro Pro Pro
1 5 10

<210> 29155
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29155
Gln Val Ser Ser Arg Val Thr Phe Leu
1 5

<210> 29156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29156
Phe Leu Asp Asp Ile Arg Gln Ile Cys Leu
1 5 10

<210> 29157
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29157
Val Gln Val Ser Ser Arg Val Thr Phe Leu
1 5 10

<210> 29158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29158
Ser Ser Arg Val Thr Phe Leu Asp Asp Ile
1 5 10

<210> 29159
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29159
Lys Met Lys Arg Cys Leu Arg Arg Ile
1 5

<210> 29160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29160
Pro Ser Lys Met Lys Arg Cys Leu Arg
1 5

<210> 29161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29161
Lys Pro Ser Lys Met Lys Arg Cys Leu
1 5

<210> 29162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29162
Met Lys Arg Cys Leu Arg Arg Ile Ile
1 5

<210> 29163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29163
Cys Leu Arg Arg Ile Ile Val His Glu Lys
1 5 10

<210> 29164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29164
Lys Met Lys Arg Cys Leu Arg Arg Ile Ile
1 5 10

<210> 29165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29165

Ser Lys Met Lys Arg Cys Leu Arg Arg Ile
1 5 10

<210> 29166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29166
Met Lys Arg Cys Leu Arg Arg Ile Ile Val
1 5 10

<210> 29167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29167
Lys Gln Asn Val Arg Lys Ile Ile Leu
1 5

<210> 29168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29168
Thr Pro Pro Ala Val Lys Gln Asn Val
1 5

<210> 29169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29169
Lys Gln Asn Val Arg Lys Ile Ile Leu His
1 5 10

<210> 29170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29170
Ile Thr Pro Pro Ala Val Lys Gln Asn Val
1 5 10

<210> 29171
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29171
Val Lys Gln Asn Val Arg Lys Ile Ile Leu
1 5 10

<210> 29172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29172
Phe Ser Phe Gln Ser Leu Phe Gly Leu
1 5

<210> 29173
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29173
Glu Ala Pro Phe Ser Phe Gln Ser Leu
1 5

<210> 29174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29174
Ala Pro Phe Ser Phe Gln Ser Leu Phe
1 5

<210> 29175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29175
Val Glu Ala Pro Phe Ser Phe Gln Ser
1 5

<210> 29176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29176
Gln Ser Leu Phe Gly Leu Asp Asp Leu Lys
1 5 10

<210> 29177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29177
Val Glu Ala Pro Phe Ser Phe Gln Ser Leu
1 5 10

<210> 29178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29178
Phe Gln Ser Leu Phe Gly Leu Asp Asp Leu
1 5 10

<210> 29179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29179
Ala Ile Met Ala Val Ile Trp Lys Lys
1 5

<210> 29180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29180
Gly Ala Ile Met Ala Val Ile Trp Lys
1 5

<210> 29181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29181
Ile Trp Lys Lys Gly Leu His Ser Tyr
1 5

<210> 29182
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29182
Ser Gly Ala Ile Met Ala Val Ile Trp

1 5

<210> 29183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29183
Ile Met Ala Val Ile Trp Lys Lys Gly Leu
1 5 10

<210> 29184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29184
Ser Gly Ala Ile Met Ala Val Ile Trp Lys
1 5 10

<210> 29185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29185
Gly Ala Ile Met Ala Val Ile Trp Lys Lys
1 5 10

<210> 29186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29186
Val Ile Trp Lys Lys Gly Leu His Ser Tyr
1 5 10

<210> 29187

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29187
Ile Trp Lys Lys Gly Leu His Ser Tyr Tyr
1 5 10

<210> 29188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29188
Leu Ala Ser Gly Ala Ile Met Ala Val Ile
1 5 10

<210> 29189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29189
Ala Ser Gly Ala Ile Met Ala Val Ile Trp
1 5 10

<210> 29190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29190
Leu Ile Ile Pro Phe Val Pro Ala Arg
1 5

<210> 29191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29191
Pro Phe Val Pro Ala Arg Asn Leu Phe
1 5

<210> 29192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29192
Phe Val Pro Ala Arg Asn Leu Phe Phe
1 5

<210> 29193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29193
Arg Asn Leu Phe Phe Tyr Val Gly Phe
1 5

<210> 29194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29194
Pro Ala Arg Asn Leu Phe Phe Tyr Val
1 5

<210> 29195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29195
Val Pro Ala Arg Asn Leu Phe Phe Tyr
1 5

<210> 29196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29196
Ile Pro Phe Val Pro Ala Arg Asn Leu
1 5

<210> 29197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29197
Phe Val Pro Ala Arg Asn Leu Phe Phe Tyr
1 5 10

<210> 29198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29198
Pro Phe Val Pro Ala Arg Asn Leu Phe Phe
1 5 10

<210> 29199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29199
Arg Asn Leu Phe Phe Tyr Val Gly Phe Val
1 5 10

<210> 29200
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29200
Leu Leu Ile Ile Pro Phe Val Pro Ala Arg
1 5 10

<210> 29201
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29201
Val Pro Ala Arg Asn Leu Phe Phe Tyr Val
1 5 10

<210> 29202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29202
Ile Pro Phe Val Pro Ala Arg Asn Leu Phe
1 5 10

<210> 29203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29203
Ala Arg Asn Leu Phe Phe Tyr Val Gly Phe
1 5 10

<210> 29204
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29204
Cys Tyr Tyr Asn Leu Gly Cys Leu Tyr
1 5

<210> 29205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29205
Cys Leu Tyr Ala Asp Leu Asn Arg His Val
1 5 10

<210> 29206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29206
His Met Gln Lys Arg His Cys Val Phe
1 5

<210> 29207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29207
Met Gln Lys Arg His Cys Val Phe Phe
1 5

<210> 29208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29208
Lys Arg His Cys Val Phe Phe Val Tyr
1 5

<210> 29209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29209
Glu His Met Gln Lys Arg His Cys Val
1 5

<210> 29210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29210
Met Gln Lys Arg His Cys Val Phe Phe Val
1 5 10

<210> 29211
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29211
His Met Gln Lys Arg His Cys Val Phe Phe
1 5 10

<210> 29212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29212
Lys Arg His Cys Val Phe Phe Val Tyr Val
1 5 10

<210> 29213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29213
Gln Lys Arg His Cys Val Phe Phe Val Tyr
1 5 10

<210> 29214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29214
Glu His Met Gln Lys Arg His Cys Val Phe
1 5 10

<210> 29215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29215
Phe Glu His Met Gln Lys Arg His Cys Val
1 5 10

<210> 29216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29216
Ala Thr Thr Phe Phe Cys Leu Leu His
1 5

<210> 29217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29217
Ile Val Ala Gly Ala Thr Thr Phe Phe
1 5

<210> 29218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29218
Thr Thr Phe Phe Cys Leu Leu His Phe
1 5

<210> 29219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29219
Leu Ile Val Ala Gly Ala Thr Thr Phe
1 5

<210> 29220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29220
Thr Phe Phe Cys Leu Leu His Phe Gly Val
1 5 10

<210> 29221
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29221
Phe Leu Ile Val Ala Gly Ala Thr Thr Phe
1 5 10

<210> 29222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29222
Ala Thr Thr Phe Phe Cys Leu Leu His Phe
1 5 10

<210> 29223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29223
Phe Phe Cys Leu Leu His Phe Gly Val Ile
1 5 10

<210> 29224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29224
Leu Ile Val Ala Gly Ala Thr Thr Phe Phe
1 5 10

<210> 29225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29225
Trp Gln Leu Thr Gln Gly Thr Thr Val
1 5

<210> 29226
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29226
Gln Leu Thr Gln Gly Thr Thr Val Leu
1 5

<210> 29227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29227
Gly Thr Thr Val Leu Gly Leu Phe Arg
1 5

<210> 29228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29228
Thr Thr Val Leu Gly Leu Phe Arg Val
1 5

<210> 29229
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29229

Thr Gln Gly Thr Thr Val Leu Gly Leu
1 5

<210> 29230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29230
Thr Gln Gly Thr Thr Val Leu Gly Leu Phe
1 5 10

<210> 29231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29231
Trp Gln Leu Thr Gln Gly Thr Thr Val Leu
1 5 10

<210> 29232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29232
Ala Leu Leu Glu Gln Val Ala Gly Phe
1 5

<210> 29233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29233
Gln Val Ala Gly Phe Arg Glu Gln Leu
1 5

<210> 29234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29234
Ala Leu Leu Glu Gln Val Ala Gly Phe Arg
1 5 10

<210> 29235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29235
Gln Val Ala Gly Phe Arg Glu Gln Leu Arg
1 5 10

<210> 29236
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29236
Glu Gln Val Ala Gly Phe Arg Glu Gln Leu
1 5 10

<210> 29237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29237
Asp Ala Leu Leu Glu Gln Val Ala Gly Phe
1 5 10

<210> 29238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29238
Arg Ala Arg Ala Thr Ser Asp Val Leu
1 5

<210> 29239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29239
Ala Glu Gly Glu Arg Ala Arg Ala Thr
1 5

<210> 29240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29240
Arg Ala Arg Ala Thr Ser Asp Val Leu Cys
1 5 10

<210> 29241
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29241
Gly Glu Arg Ala Arg Ala Thr Ser Asp Val
1 5 10

<210> 29242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29242
Arg Pro Leu Pro Pro Pro Ala Arg Leu
1 5

<210> 29243
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29243
Asp Ala Arg Pro Leu Pro Pro Pro Ala Arg
1 5 10

<210> 29244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29244
Pro Thr Lys Lys Lys Gln Gly Trp Lys
1 5

<210> 29245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29245
Lys Lys Gln Gly Trp Lys Tyr Ser Phe
1 5

<210> 29246
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29246
Pro Thr Lys Lys Lys Gln Gly Trp Lys Tyr

1 5 10

<210> 29247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29247
Lys Lys Lys Gln Gly Trp Lys Tyr Ser Phe
1 5 10

<210> 29248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29248
Ile Met Val Thr Ala Ser Ser Glu Thr
1 5

<210> 29249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29249
Ser Pro Arg Asp Ile Met Val Thr Ala
1 5

<210> 29250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29250
Thr Glu Leu Asp Ser Pro Arg Asp Ile
1 5

<210> 29251

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29251
Asp Ser Pro Arg Asp Ile Met Val Thr Ala
1 5 10

<210> 29252
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29252
Ser Pro Arg Asp Ile Met Val Thr Ala Ser
1 5 10

<210> 29253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29253
Thr Glu Leu Asp Ser Pro Arg Asp Ile Met
1 5 10

<210> 29254
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29254
Ile Met Val Thr Ala Ser Ser Glu Thr Ser
1 5 10

<210> 29255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29255
Lys Met Asn Asn Lys Ser Leu Phe Leu
1 5

<210> 29256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29256
Lys Ser Leu Phe Leu His His Val Ile
1 5

<210> 29257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29257
Ser Ile Lys Met Asn Asn Lys Ser Leu
1 5

<210> 29258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29258
Ser Leu Phe Leu His His Val Ile Met
1 5

<210> 29259
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29259
Ile Lys Met Asn Asn Lys Ser Leu Phe
1 5

<210> 29260
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29260
Lys Met Asn Asn Lys Ser Leu Phe Leu His
1 5 10

<210> 29261
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29261
Ser Ile Lys Met Asn Asn Lys Ser Leu Phe
1 5 10

<210> 29262
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29262
Lys Ser Leu Phe Leu His His Val Ile Met
1 5 10

<210> 29263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29263
Ile Lys Met Asn Asn Lys Ser Leu Phe Leu
1 5 10

<210> 29264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29264
Asn Lys Ser Leu Phe Leu His His Val Ile
1 5 10

<210> 29265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29265
Ser Leu Phe Leu His His Val Ile Met His
1 5 10

<210> 29266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29266
Arg Ala Gly Gln Cys Val Cys Arg Gly Leu
1 5 10

<210> 29267
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29267
Lys Val Leu Phe Thr Cys Phe Lys Leu
1 5

<210> 29268
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29268
Lys Leu Asn Asp Lys Arg Glu Val Lys
1 5

<210> 29269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29269
Phe Thr Cys Phe Lys Leu Asn Asp Lys
1 5

<210> 29270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29270
Lys Leu Asn Asp Lys Arg Glu Val Lys Val
1 5 10

<210> 29271
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29271
Phe Thr Cys Phe Lys Leu Asn Asp Lys Arg
1 5 10

<210> 29272
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29272
Arg Lys Val Leu Phe Thr Cys Phe Lys Leu
1 5 10

<210> 29273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29273
Lys Gly Gly Glu Ala Lys Gly Lys Lys
1 5

<210> 29274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29274
Gly Glu Ala Lys Gly Lys Lys Thr Gln Met
1 5 10

<210> 29275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29275
Asp Met Glu Arg His His Ile Leu Phe
1 5

<210> 29276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29276
Met Glu Arg His His Ile Leu Phe Arg
1 5

<210> 29277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29277
Arg His His Ile Leu Phe Arg Tyr Ala
1 5

<210> 29278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29278
Ala Asp Met Glu Arg His His Ile Leu
1 5

<210> 29279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29279
Phe Ala Asp Met Glu Arg His His Ile
1 5

<210> 29280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29280
Tyr Phe Ala Asp Met Glu Arg His His Ile
1 5 10

<210> 29281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29281
Met Glu Arg His His Ile Leu Phe Arg Tyr
1 5 10

<210> 29282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29282
Asp Met Glu Arg His His Ile Leu Phe Arg
1 5 10

<210> 29283
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29283
Phe Ala Asp Met Glu Arg His His Ile Leu
1 5 10

<210> 29284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29284
Ala Asp Met Glu Arg His His Ile Leu Phe
1 5 10

<210> 29285
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29285
Phe Ser Gln Glu Glu Gln Arg Cys Tyr
1 5

<210> 29286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29286
Leu Val Gly Gly Arg Leu Phe Tyr Met
1 5

<210> 29287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29287
Arg Leu Phe Tyr Met Trp Ile Ser Leu
1 5

<210> 29288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29288
Tyr Leu Val Ile Leu Tyr Leu Tyr Leu
1 5

<210> 29289
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29289
Tyr Leu Tyr Leu Lys Arg Pro His Ile
1 5

<210> 29290
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29290
Asn Leu Ala Leu Leu Arg Glu His Leu
1 5

<210> 29291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29291
His Leu Val Gly Gly Arg Leu Phe Tyr
1 5

<210> 29292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29292
Leu Val Ile Leu Tyr Leu Tyr Leu Lys
1 5

<210> 29293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29293

Phe Tyr Met Trp Ile Ser Leu Glu Lys
1 5

<210> 29294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29294
Val Ile Leu Tyr Leu Tyr Leu Lys Arg
1 5

<210> 29295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29295
Val Gly Gly Arg Leu Phe Tyr Met Trp
1 5

<210> 29296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29296
Cys Tyr Leu Val Ile Leu Tyr Leu Tyr
1 5

<210> 29297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29297
Leu Tyr Leu Lys Arg Pro His Ile Phe
1 5

<210> 29298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29298
Tyr Leu Lys Arg Pro His Ile Phe Phe
1 5

<210> 29299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29299
Lys Ser Ser Lys Asp Lys Asn Leu Ala
1 5

<210> 29300
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29300
Ser Ser Lys Asp Lys Asn Leu Ala Leu
1 5

<210> 29301
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29301
Gly Gly Arg Leu Phe Tyr Met Trp Ile
1 5

<210> 29302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29302
Ala Phe Phe Ser Gln Glu Glu Gln Arg
1 5

<210> 29303
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29303
Ala Met Arg Trp Arg Lys Lys Ser Ser
1 5

<210> 29304
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29304
Glu Gln Arg Cys Tyr Leu Val Ile Leu
1 5

<210> 29305
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29305
Leu Lys Arg Pro His Ile Phe Phe Leu
1 5

<210> 29306
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29306
Leu Glu Lys Gln Ala Ser Asn Ala Phe
1 5

<210> 29307
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29307
Arg Glu His Leu Val Gly Gly Arg Leu
1 5

<210> 29308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29308
Glu Lys Gln Ala Ser Asn Ala Phe Phe
1 5

<210> 29309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29309
Lys Gln Ala Ser Asn Ala Phe Phe Ser
1 5

<210> 29310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29310
Ser Gln Glu Glu Gln Arg Cys Tyr Leu

1 5

<210> 29311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29311
Arg Cys Tyr Leu Val Ile Leu Tyr Leu
1 5

<210> 29312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29312
Glu Glu Gln Arg Cys Tyr Leu Val Ile
1 5

<210> 29313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29313
Gln Glu Glu Gln Arg Cys Tyr Leu Val
1 5

<210> 29314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29314
Asn Leu Ala Leu Leu Arg Glu His Leu Val
1 5 10

<210> 29315

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29315
His Leu Val Gly Gly Arg Leu Phe Tyr Met
1 5 10

<210> 29316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29316
Tyr Met Trp Ile Ser Leu Glu Lys Gln Ala
1 5 10

<210> 29317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29317
Tyr Leu Lys Arg Pro His Ile Phe Phe Leu
1 5 10

<210> 29318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29318
Ala Met Arg Trp Arg Lys Lys Ser Ser Lys
1 5 10

<210> 29319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29319
Leu Phe Tyr Met Trp Ile Ser Leu Glu Lys
1 5 10

<210> 29320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29320
Tyr Leu Val Ile Leu Tyr Leu Tyr Leu Lys
1 5 10

<210> 29321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29321
Leu Val Gly Gly Arg Leu Phe Tyr Met Trp
1 5 10

<210> 29322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29322
Cys Tyr Leu Val Ile Leu Tyr Leu Tyr Leu
1 5 10

<210> 29323
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29323
Leu Tyr Leu Tyr Leu Lys Arg Pro His Ile
1 5 10

<210> 29324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29324
Tyr Leu Tyr Leu Lys Arg Pro His Ile Phe
1 5 10

<210> 29325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29325
Leu Tyr Leu Lys Arg Pro His Ile Phe Phe
1 5 10

<210> 29326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29326
Arg Trp Arg Lys Lys Ser Ser Lys Asp Lys
1 5 10

<210> 29327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29327
Ser Ser Lys Asp Lys Asn Leu Ala Leu Leu
1 5 10

<210> 29328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29328
Glu Gln Arg Cys Tyr Leu Val Ile Leu Tyr
1 5 10

<210> 29329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29329
Arg Cys Tyr Leu Val Ile Leu Tyr Leu Tyr
1 5 10

<210> 29330
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29330
Leu Leu Arg Glu His Leu Val Gly Gly Arg
1 5 10

<210> 29331
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29331
Asn Ala Phe Phe Ser Gln Glu Glu Gln Arg
1 5 10

<210> 29332
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29332
Leu Val Ile Leu Tyr Leu Tyr Leu Lys Arg
1 5 10

<210> 29333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29333
Ser Leu Glu Lys Gln Ala Ser Asn Ala Phe
1 5 10

<210> 29334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29334
Leu Glu Lys Gln Ala Ser Asn Ala Phe Phe
1 5 10

<210> 29335
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29335
Lys Ser Ser Lys Asp Lys Asn Leu Ala Leu
1 5 10

<210> 29336
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29336
Lys Asn Leu Ala Leu Leu Arg Glu His Leu
1 5 10

<210> 29337
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29337
Arg Glu His Leu Val Gly Gly Arg Leu Phe
1 5 10

<210> 29338
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29338
Gly Arg Leu Phe Tyr Met Trp Ile Ser Leu
1 5 10

<210> 29339
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29339
Lys Gln Ala Ser Asn Ala Phe Phe Ser Gln
1 5 10

<210> 29340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29340
Ile Leu Tyr Leu Tyr Leu Lys Arg Pro His
1 5 10

<210> 29341
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29341
Glu Glu Gln Arg Cys Tyr Leu Val Ile Leu
1 5 10

<210> 29342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29342
Gln Glu Glu Gln Arg Cys Tyr Leu Val Ile
1 5 10

<210> 29343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29343
Lys Glu Ala Ser Asp Arg Thr Gly Ala
1 5

<210> 29344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29344
Arg Gln Leu Trp Leu Phe Leu Leu Leu
1 5

<210> 29345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29345
Gln Leu Trp Leu Phe Leu Leu Leu Leu
1 5

<210> 29346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29346
Phe Leu Leu Leu Leu Leu Pro Gly Ala
1 5

<210> 29347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29347
Pro Trp Arg Gln Leu Trp Leu Phe Leu
1 5

<210> 29348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29348
Leu Trp Leu Phe Leu Leu Leu Leu Leu
1 5

<210> 29349
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29349
Arg Gln Leu Trp Leu Phe Leu Leu Leu Leu
1 5 10

<210> 29350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29350
Gln Leu Trp Leu Phe Leu Leu Leu Leu Leu
1 5 10

<210> 29351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29351
Pro Trp Arg Gln Leu Trp Leu Phe Leu Leu
1 5 10

<210> 29352
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29352
Gly Pro Trp Arg Gln Leu Trp Leu Phe Leu
1 5 10

<210> 29353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29353
Gln Leu Ile Asn Leu Lys Pro Ser Val
1 5

<210> 29354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29354
Leu Ile Asn Leu Lys Pro Ser Val Phe
1 5

<210> 29355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29355
Ser Gln Pro Pro Gln Leu Ile Asn Leu
1 5

<210> 29356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29356
Ser Gln Pro Pro Gln Leu Ile Asn Leu Lys
1 5 10

<210> 29357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29357

Gln Leu Ile Asn Leu Lys Pro Ser Val Phe
1 5 10

<210> 29358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29358
Glu Leu Phe Glu Met Phe Arg Glu Leu
1 5

<210> 29359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29359
Leu Gln Ile Arg Gly Arg Glu Leu Phe
1 5

<210> 29360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29360
Arg Gly Arg Glu Leu Phe Glu Met Phe
1 5

<210> 29361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29361
Thr Leu Gln Ile Arg Gly Arg Glu Leu
1 5

<210> 29362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29362
Ile Arg Gly Arg Glu Leu Phe Glu Met
1 5

<210> 29363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29363
Arg Gly Arg Glu Leu Phe Glu Met Phe Arg
1 5 10

<210> 29364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29364
Thr Leu Gln Ile Arg Gly Arg Glu Leu Phe
1 5 10

<210> 29365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29365
Ile Arg Gly Arg Glu Leu Phe Glu Met Phe
1 5 10

<210> 29366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29366
Arg Glu Leu Phe Glu Met Phe Arg Glu Leu
1 5 10

<210> 29367
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29367
Lys Leu Pro Glu Cys Gln Arg Leu Leu
1 5

<210> 29368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29368
Ser Leu Pro Arg Lys Pro Thr Arg Ala
1 5

<210> 29369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29369
Arg Leu Leu Pro Pro Trp Pro Leu His
1 5

<210> 29370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29370
Leu Ser Leu Pro Arg Lys Pro Thr Arg
1 5

<210> 29371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29371
Pro Thr Arg Ala Ala Thr Val Ser Val
1 5

<210> 29372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29372
Arg Ala Ala Thr Val Ser Val Trp Ala
1 5

<210> 29373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29373
Gln Met Lys Leu Pro Glu Cys Gln Arg
1 5

<210> 29374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29374
Thr Val Ser Val Trp Ala Ser Cys Ile

1 5

<210> 29375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29375
Leu Pro Arg Lys Pro Thr Arg Ala Ala
1 5

<210> 29376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29376
Gln Gln Leu Leu His Arg Arg Pro Leu
1 5

<210> 29377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29377
Met Lys Leu Pro Glu Cys Gln Arg Leu
1 5

<210> 29378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29378
Gln Arg Leu Leu Pro Pro Trp Pro Leu
1 5

<210> 29379

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29379
Thr Arg Ala Ala Thr Val Ser Val Trp
1 5

<210> 29380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29380
Val Ser Val Trp Ala Ser Cys Ile Leu
1 5

<210> 29381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29381
Trp Pro Leu His Gln Gln Leu Leu His
1 5

<210> 29382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29382
Thr Glu Asp Gln Val Gln Met Lys Leu
1 5

<210> 29383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29383
Ser Leu Pro Arg Lys Pro Thr Arg Ala Ala
1 5 10

<210> 29384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29384
Cys Gln Arg Leu Leu Pro Pro Trp Pro Leu
1 5 10

<210> 29385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29385
Leu Leu Ser Leu Pro Arg Lys Pro Thr Arg
1 5 10

<210> 29386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29386
Ala Thr Val Ser Val Trp Ala Ser Cys Ile
1 5 10

<210> 29387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29387
Thr Val Ser Val Trp Ala Ser Cys Ile Leu
1 5 10

<210> 29388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29388
Leu Pro Pro Trp Pro Leu His Gln Gln Leu
1 5 10

<210> 29389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29389
Leu Pro Arg Lys Pro Thr Arg Ala Ala Thr
1 5 10

<210> 29390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29390
Lys Pro Thr Arg Ala Ala Thr Val Ser Val
1 5 10

<210> 29391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29391
His Gln Gln Leu Leu His Arg Arg Pro Leu
1 5 10

<210> 29392
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29392
Gln Trp Phe Thr Glu Asp Gln Val Gln Met
1 5 10

<210> 29393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29393
Met Lys Leu Pro Glu Cys Gln Arg Leu Leu
1 5 10

<210> 29394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29394
Gln Gln Leu Leu His Arg Arg Pro Leu His
1 5 10

<210> 29395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29395
His Gln Pro Pro Pro Gly Pro Cys His Leu
1 5 10

<210> 29396
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29396
Ala Ser Cys Ile Leu Gly Gln Pro Ser Leu
1 5 10

<210> 29397
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29397
Ile Glu Gln Trp Phe Thr Glu Asp Gln Val
1 5 10

<210> 29398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29398
Ser Leu Pro Arg Lys Pro Thr Arg Ala
1 5

<210> 29399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29399
Arg Met Pro Glu Ala Ala Pro Pro Trp
1 5

<210> 29400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29400
Leu Ser Leu Pro Arg Lys Pro Thr Arg
1 5

<210> 29401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29401
Pro Thr Arg Ala Ala Thr Val Ser Val
1 5

<210> 29402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29402
Arg Ala Ala Thr Val Ser Val Trp Ala
1 5

<210> 29403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29403
Thr Val Ser Val Trp Ala Ser Cys Ile
1 5

<210> 29404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29404
Leu Pro Arg Lys Pro Thr Arg Ala Ala
1 5

<210> 29405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29405
Gln Gln Leu Leu His Arg Arg Pro Leu
1 5

<210> 29406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29406
Thr Arg Ala Ala Thr Val Ser Val Trp
1 5

<210> 29407
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29407
Val Ser Val Trp Ala Ser Cys Ile Leu
1 5

<210> 29408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29408
Trp Pro Leu His Gln Gln Leu Leu His
1 5

<210> 29409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29409
Pro Glu Ala Ala Pro Pro Trp Pro Leu
1 5

<210> 29410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29410
Ser Leu Pro Arg Lys Pro Thr Arg Ala Ala
1 5 10

<210> 29411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29411
Leu Leu Ser Leu Pro Arg Lys Pro Thr Arg
1 5 10

<210> 29412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29412
Ala Thr Val Ser Val Trp Ala Ser Cys Ile
1 5 10

<210> 29413
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29413
Thr Val Ser Val Trp Ala Ser Cys Ile Leu
1 5 10

<210> 29414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29414
Met Pro Glu Ala Ala Pro Pro Trp Pro Leu
1 5 10

<210> 29415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29415
Ala Pro Pro Trp Pro Leu His Gln Gln Leu
1 5 10

<210> 29416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29416
Leu Pro Arg Lys Pro Thr Arg Ala Ala Thr
1 5 10

<210> 29417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29417
Lys Pro Thr Arg Ala Ala Thr Val Ser Val
1 5 10

<210> 29418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29418
His Gln Gln Leu Leu His Arg Arg Pro Leu
1 5 10

<210> 29419
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29419
Gln Gln Leu Leu His Arg Arg Pro Leu His
1 5 10

<210> 29420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29420
His Gln Pro Pro Pro Gly Pro Cys His Leu
1 5 10

<210> 29421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29421

Ala Ser Cys Ile Leu Gly Gln Pro Ser Leu
1 5 10

<210> 29422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29422
Tyr Gln Cys Ser Tyr Gly Phe Arg Leu
1 5

<210> 29423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29423
Lys Thr Tyr Gln Cys Ser Tyr Gly Phe
1 5

<210> 29424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29424
Cys Ser Tyr Gly Phe Arg Leu Gly Phe
1 5

<210> 29425
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29425
Ser Gln Lys Thr Tyr Gln Cys Ser Tyr
1 5

<210> 29426
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29426
Thr Tyr Gln Cys Ser Tyr Gly Phe Arg
1 5

<210> 29427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29427
Lys Thr Tyr Gln Cys Ser Tyr Gly Phe Arg
1 5 10

<210> 29428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29428
Thr Tyr Gln Cys Ser Tyr Gly Phe Arg Leu
1 5 10

<210> 29429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29429
Pro Ser Gln Lys Thr Tyr Gln Cys Ser Tyr
1 5 10

<210> 29430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29430
Gln Lys Thr Tyr Gln Cys Ser Tyr Gly Phe
1 5 10

<210> 29431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29431
Tyr Gln Cys Ser Tyr Gly Phe Arg Leu Gly
1 5 10

<210> 29432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29432
Cys Ser Tyr Gly Phe Arg Leu Gly Phe Leu
1 5 10

<210> 29433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29433
Tyr Val Ser Val Trp Ala Ser Cys Ile
1 5

<210> 29434
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29434
Thr Tyr Gln Gly Ser Tyr Val Ser Val
1 5

<210> 29435
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29435
Tyr Gln Gly Ser Tyr Val Ser Val Trp
1 5

<210> 29436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29436
Ser Tyr Val Ser Val Trp Ala Ser Cys
1 5

<210> 29437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29437
Lys Thr Tyr Gln Gly Ser Tyr Val Ser
1 5

<210> 29438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29438
Val Ser Val Trp Ala Ser Cys Ile Leu

1 5

<210> 29439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29439
Lys Thr Tyr Gln Gly Ser Tyr Val Ser Val
1 5 10

<210> 29440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29440
Tyr Gln Gly Ser Tyr Val Ser Val Trp Ala
1 5 10

<210> 29441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29441
Ser Gln Lys Thr Tyr Gln Gly Ser Tyr Val
1 5 10

<210> 29442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29442
Tyr Val Ser Val Trp Ala Ser Cys Ile Leu
1 5 10

<210> 29443

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29443
Thr Tyr Gln Gly Ser Tyr Val Ser Val Trp
1 5 10

<210> 29444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29444
Ser Tyr Val Ser Val Trp Ala Ser Cys Ile
1 5 10

<210> 29445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29445
Ala Ser Cys Ile Leu Gly Gln Pro Ser Leu
1 5 10

<210> 29446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29446
Thr Tyr Gln Gly Ser Tyr Gly Phe Val
1 5

<210> 29447
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29447
Tyr Gln Gly Ser Tyr Gly Phe Val Trp
1 5

<210> 29448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29448
Ser Tyr Gly Phe Val Trp Ala Ser Cys
1 5

<210> 29449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29449
Tyr Gly Phe Val Trp Ala Ser Cys Ile
1 5

<210> 29450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29450
Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Val
1 5 10

<210> 29451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29451
Tyr Gln Gly Ser Tyr Gly Phe Val Trp Ala
1 5 10

<210> 29452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29452
Thr Tyr Gln Gly Ser Tyr Gly Phe Val Trp
1 5 10

<210> 29453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29453
Ser Tyr Gly Phe Val Trp Ala Ser Cys Ile
1 5 10

<210> 29454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29454
Tyr Gly Phe Val Trp Ala Ser Cys Ile Leu
1 5 10

<210> 29455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29455
Ala Ser Cys Ile Leu Gly Gln Pro Ser Leu
1 5 10

<210> 29456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29456
Tyr Gln Gly Ser Tyr Gly Phe Leu Leu
1 5

<210> 29457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29457
Phe Leu Leu Gly Phe Leu His Ser Gly
1 5

<210> 29458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29458
Thr Tyr Gln Gly Ser Tyr Gly Phe Leu
1 5

<210> 29459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29459
Ser Tyr Gly Phe Leu Leu Gly Phe Leu
1 5

<210> 29460
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29460
Gly Ser Tyr Gly Phe Leu Leu Gly Phe
1 5

<210> 29461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29461
Phe Leu Leu Gly Phe Leu His Ser Gly Thr
1 5 10

<210> 29462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29462
Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Leu
1 5 10

<210> 29463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29463
Leu Leu Gly Phe Leu His Ser Gly Thr Ala
1 5 10

<210> 29464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29464
Thr Tyr Gln Gly Ser Tyr Gly Phe Leu Leu
1 5 10

<210> 29465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29465
Tyr Gln Gly Ser Tyr Gly Phe Leu Leu Gly
1 5 10

<210> 29466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29466
Gln Gly Ser Tyr Gly Phe Leu Leu Gly Phe
1 5 10

<210> 29467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29467
Ala Leu Asn Asn Met Phe Cys Gln Leu
1 5

<210> 29468
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29468
Asn Met Phe Cys Gln Leu Ala Lys Thr
1 5

<210> 29469
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29469
Thr Tyr Ser Pro Ala Leu Asn Asn Met
1 5

<210> 29470
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29470
Tyr Ser Pro Ala Leu Asn Asn Met Phe
1 5

<210> 29471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29471
Ala Leu Asn Asn Met Phe Cys Gln Leu Ala
1 5 10

<210> 29472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29472
Thr Tyr Ser Pro Ala Leu Asn Asn Met Phe
1 5 10

<210> 29473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29473
Cys Thr Tyr Ser Pro Ala Leu Asn Asn Met
1 5 10

<210> 29474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29474
Ala Leu Asn Asn Met Phe Cys Gln Leu
1 5

<210> 29475
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29475
Asn Met Phe Cys Gln Leu Ala Lys Thr
1 5

<210> 29476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29476
Thr Tyr Ser Pro Ala Leu Asn Asn Met
1 5

<210> 29477
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29477
Tyr Ser Pro Ala Leu Asn Asn Met Phe
1 5

<210> 29478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29478
Ala Leu Asn Asn Met Phe Cys Gln Leu Ala
1 5 10

<210> 29479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29479
Thr Tyr Ser Pro Ala Leu Asn Asn Met Phe
1 5 10

<210> 29480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29480
Cys Thr Tyr Ser Pro Ala Leu Asn Asn Met
1 5 10

<210> 29481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29481
Cys Gln Leu Ala Lys Thr Gly Pro Val
1 5

<210> 29482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29482
Lys Thr Gly Pro Val Gln Leu Trp Val
1 5

<210> 29483
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29483
Ala Lys Thr Gly Pro Val Gln Leu Trp
1 5

<210> 29484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29484
Gln Leu Ala Lys Thr Gly Pro Val Gln Leu
1 5 10

<210> 29485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29485

Lys Met Phe Cys Gln Leu Ala Lys Thr Gly
1 5 10

<210> 29486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29486
Leu Ala Lys Thr Gly Pro Val Gln Leu Trp
1 5 10

<210> 29487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29487
Cys Gln Leu Ala Lys Thr Tyr Pro Val
1 5

<210> 29488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29488
Lys Thr Tyr Pro Val Gln Leu Trp Val
1 5

<210> 29489
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29489
Met Phe Cys Gln Leu Ala Lys Thr Tyr
1 5

<210> 29490
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29490
Leu Ala Lys Thr Tyr Pro Val Gln Leu
1 5

<210> 29491
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29491
Ala Lys Thr Tyr Pro Val Gln Leu Trp
1 5

<210> 29492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29492
Gln Leu Ala Lys Thr Tyr Pro Val Gln Leu
1 5 10

<210> 29493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29493
Lys Met Phe Cys Gln Leu Ala Lys Thr Tyr
1 5 10

<210> 29494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29494
Leu Ala Lys Thr Tyr Pro Val Gln Leu Trp
1 5 10

<210> 29495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29495
Tyr Pro Val Gln Leu Trp Val Asp Ser Thr
1 5 10

<210> 29496
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29496
Lys Thr Cys Pro Met Gln Leu Trp Val
1 5

<210> 29497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29497
Cys Gln Leu Ala Lys Thr Cys Pro Met
1 5

<210> 29498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29498
Ala Lys Thr Cys Pro Met Gln Leu Trp
1 5

<210> 29499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29499
Met Gln Leu Trp Val Asp Ser Thr Pro
1 5

<210> 29500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29500
Gln Leu Ala Lys Thr Cys Pro Met Gln Leu
1 5 10

<210> 29501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29501
Phe Cys Gln Leu Ala Lys Thr Cys Pro Met
1 5 10

<210> 29502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29502
Leu Ala Lys Thr Cys Pro Met Gln Leu Trp

1 5 10

<210> 29503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29503
Met Gln Leu Trp Val Asp Ser Thr Pro Pro
1 5 10

<210> 29504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29504
Cys Pro Met Gln Leu Trp Val Asp Ser Thr
1 5 10

<210> 29505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29505
Ser Thr Thr Pro Pro Gly Thr Arg Val
1 5

<210> 29506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29506
Val Gln Leu Trp Val Asp Ser Thr Thr
1 5

<210> 29507

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29507
Ser Thr Thr Pro Pro Gly Thr Arg Val Arg
1 5 10

<210> 29508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29508
Thr Pro Pro Gly Thr Arg Val Arg Ala Met
1 5 10

<210> 29509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29509
Val Gln Leu Trp Val Asp Ser Thr Thr Pro
1 5 10

<210> 29510
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29510
Gln Leu Trp Val Asp Ser Thr Pro Arg
1 5

<210> 29511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29511
Thr Pro Arg Pro Ala Pro Ala Ser Ala
1 5

<210> 29512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29512
Arg Pro Ala Pro Ala Ser Ala Pro Trp
1 5

<210> 29513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29513
Ala Pro Trp Pro Ser Thr Ser Ser His
1 5

<210> 29514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29514
Trp Pro Ser Thr Ser Ser His Ser Thr
1 5

<210> 29515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29515
Ser Thr Pro Arg Pro Ala Pro Ala Ser Ala
1 5 10

<210> 29516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29516
Thr Pro Arg Pro Ala Pro Ala Ser Ala Pro
1 5 10

<210> 29517
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29517
Ala Pro Ala Ser Ala Pro Trp Pro Ser Thr
1 5 10

<210> 29518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29518
Trp Val Asp Ser Thr Pro Pro Pro Val
1 5

<210> 29519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29519
Val Thr Arg Val Arg Ala Met Ala Ile
1 5

<210> 29520
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29520
Asp Ser Thr Pro Pro Pro Val Thr Arg
1 5

<210> 29521
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29521
Ser Thr Pro Pro Pro Val Thr Arg Val
1 5

<210> 29522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29522
Pro Pro Val Thr Arg Val Arg Ala Met
1 5

<210> 29523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29523
Val Thr Arg Val Arg Ala Met Ala Ile Tyr
1 5 10

<210> 29524
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29524
Asp Ser Thr Pro Pro Pro Val Thr Arg Val
1 5 10

<210> 29525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29525
Leu Trp Val Asp Ser Thr Pro Pro Pro Val
1 5 10

<210> 29526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29526
Ser Thr Pro Pro Pro Gly Asn Arg Val
1 5

<210> 29527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29527
Pro Pro Gly Asn Arg Val Arg Ala Met
1 5

<210> 29528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29528
Gly Asn Arg Val Arg Ala Met Ala Ile
1 5

<210> 29529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29529
Asn Arg Val Arg Ala Met Ala Ile Tyr
1 5

<210> 29530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29530
Gly Asn Arg Val Arg Ala Met Ala Ile Tyr
1 5 10

<210> 29531
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29531
Asp Ser Thr Pro Pro Pro Gly Asn Arg Val
1 5 10

<210> 29532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29532
Arg Phe Arg Ala Met Ala Ile Tyr Lys
1 5

<210> 29533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29533
Gly Thr Arg Phe Arg Ala Met Ala Ile
1 5

<210> 29534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29534
Thr Arg Phe Arg Ala Met Ala Ile Tyr
1 5

<210> 29535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29535
Pro Pro Gly Thr Arg Phe Arg Ala Met
1 5

<210> 29536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29536
Thr Arg Phe Arg Ala Met Ala Ile Tyr Lys
1 5 10

<210> 29537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29537
Gly Thr Arg Phe Arg Ala Met Ala Ile Tyr
1 5 10

<210> 29538
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29538
Arg Phe Arg Ala Met Ala Ile Tyr Lys Gln
1 5 10

<210> 29539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29539
Ser Thr Pro Pro Pro Gly Thr Arg Phe Arg
1 5 10

<210> 29540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29540
Arg Val His Ala Met Ala Ile Tyr Lys
1 5

<210> 29541
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29541
Gly Thr Arg Val His Ala Met Ala Ile
1 5

<210> 29542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29542
Pro Pro Gly Thr Arg Val His Ala Met
1 5

<210> 29543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29543
Thr Arg Val His Ala Met Ala Ile Tyr
1 5

<210> 29544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29544
Gly Thr Arg Val His Ala Met Ala Ile Tyr
1 5 10

<210> 29545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29545
Arg Val Leu Ala Met Ala Ile Tyr Lys
1 5

<210> 29546
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29546
Gly Thr Arg Val Leu Ala Met Ala Ile
1 5

<210> 29547
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29547
Thr Pro Pro Pro Gly Thr Arg Val Leu
1 5

<210> 29548
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29548
Pro Pro Gly Thr Arg Val Leu Ala Met
1 5

<210> 29549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29549

Thr Arg Val Leu Ala Met Ala Ile Tyr
1 5

<210> 29550
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29550
Gly Thr Arg Val Leu Ala Met Ala Ile Tyr
1 5 10

<210> 29551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29551
Arg Val Arg Pro Met Ala Ile Tyr Lys
1 5

<210> 29552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29552
Gly Thr Arg Val Arg Pro Met Ala Ile
1 5

<210> 29553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29553
Pro Pro Gly Thr Arg Val Arg Pro Met
1 5

<210> 29554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29554
Thr Arg Val Arg Pro Met Ala Ile Tyr
1 5

<210> 29555
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29555
Gly Thr Arg Val Arg Pro Met Ala Ile Tyr
1 5 10

<210> 29556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29556
Arg Val Arg Pro Met Ala Ile Tyr Lys Gln
1 5 10

<210> 29557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29557
Arg Val Arg Val Met Ala Ile Tyr Lys
1 5

<210> 29558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29558
Gly Thr Arg Val Arg Val Met Ala Ile
1 5

<210> 29559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29559
Arg Val Met Ala Ile Tyr Lys Gln Ser
1 5

<210> 29560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29560
Thr Arg Val Arg Val Met Ala Ile Tyr
1 5

<210> 29561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29561
Gly Thr Arg Val Arg Val Met Ala Ile Tyr
1 5 10

<210> 29562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29562
Arg Val Arg Val Met Ala Ile Tyr Lys Gln
1 5 10

<210> 29563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29563
Val Met Ala Ile Tyr Lys Gln Ser Gln His
1 5 10

<210> 29564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29564
Arg Val Arg Ala Met Ala Ile Cys Lys
1 5

<210> 29565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29565
Ala Ile Cys Lys Gln Ser Gln His Met
1 5

<210> 29566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29566
Gly Thr Arg Val Arg Ala Met Ala Ile Cys

1 5 10

<210> 29567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29567
Arg Val Arg Ala Met Ala Ile Cys Lys Gln
1 5 10

<210> 29568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29568
Met Ala Ile Cys Lys Gln Ser Gln His Met
1 5 10

<210> 29569
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29569
Met Arg Arg Cys Pro His His Glu Arg
1 5

<210> 29570
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29570
Gln Ser Gln His Met Thr Glu Val Met
1 5

<210> 29571

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29571
Val Met Arg Arg Cys Pro His His Glu Arg
1 5 10

<210> 29572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29572
Lys Gln Ser Gln His Met Thr Glu Val Met
1 5 10

<210> 29573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29573
Val Leu Arg Arg Cys Pro His His Glu Arg
1 5 10

<210> 29574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29574
Gln Ser Gln His Met Thr Glu Val Leu Arg
1 5 10

<210> 29575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29575
Lys Gln Ser Gln His Met Thr Glu Val Leu
1 5 10

<210> 29576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29576
Thr Glu Val Val Arg Gly Cys Pro His
1 5

<210> 29577
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29577
Val Val Arg Gly Cys Pro His His Glu Arg
1 5 10

<210> 29578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29578
Thr Glu Val Val Arg Cys Cys Pro His
1 5

<210> 29579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29579
Val Val Arg Cys Cys Pro His His Glu Arg
1 5 10

<210> 29580
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29580
Thr Glu Val Val Arg His Cys Pro His
1 5

<210> 29581
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29581
Val Val Arg His Cys Pro His His Glu Arg
1 5 10

<210> 29582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29582
Ser Gln His Met Thr Glu Val Val Arg His
1 5 10

<210> 29583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29583
His Met Thr Glu Val Val Arg Arg Tyr
1 5

<210> 29584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29584
Thr Glu Val Val Arg Arg Tyr Pro His
1 5

<210> 29585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29585
Val Val Arg Arg Tyr Pro His His Glu Arg
1 5 10

<210> 29586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29586
Gln His Met Thr Glu Val Val Arg Arg Tyr
1 5 10

<210> 29587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29587
His Met Thr Glu Val Val Arg Arg Phe
1 5

<210> 29588
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29588
Thr Glu Val Val Arg Arg Phe Pro His
1 5

<210> 29589
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29589
Val Val Arg Arg Phe Pro His His Glu Arg
1 5 10

<210> 29590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29590
Gln His Met Thr Glu Val Val Arg Arg Phe
1 5 10

<210> 29591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29591
Val Val Arg Arg Cys Pro His Tyr Glu
1 5

<210> 29592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29592
Glu Val Val Arg Arg Cys Pro His Tyr
1 5

<210> 29593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29593
Val Val Arg Arg Cys Pro His Tyr Glu Arg
1 5 10

<210> 29594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29594
Thr Glu Val Val Arg Arg Cys Pro His Tyr
1 5 10

<210> 29595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29595
Tyr Glu Arg Cys Ser Asp Ser Asp Gly Leu
1 5 10

<210> 29596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29596
Glu Val Val Arg Arg Cys Pro His Arg
1 5

<210> 29597
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29597
Val Val Arg Arg Cys Pro His Arg Glu Arg
1 5 10

<210> 29598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29598
Arg Glu Arg Cys Ser Asp Ser Asp Gly Leu
1 5 10

<210> 29599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29599
Glu Val Val Arg Arg Cys Pro His Leu
1 5

<210> 29600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29600
Val Val Arg Arg Cys Pro His Leu Glu Arg
1 5 10

<210> 29601
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29601
Thr Glu Val Val Arg Arg Cys Pro His Leu
1 5 10

<210> 29602
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29602
Leu Glu Arg Cys Ser Asp Ser Asp Gly Leu
1 5 10

<210> 29603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29603
Gly Leu Ala Pro Gln His Leu Ile Arg
1 5

<210> 29604
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29604
Gly Leu Ala Pro Gln His Leu Ile Arg Val
1 5 10

<210> 29605
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29605
Gly Leu Ala Pro Pro Gln Tyr Leu Ile
1 5

<210> 29606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29606
Tyr Leu Ile Arg Val Glu Gly Asn Leu
1 5

<210> 29607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29607
Asp Ser Asp Gly Leu Ala Pro Pro Gln Tyr
1 5 10

<210> 29608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29608
Gly Leu Ala Pro Pro Gln Tyr Leu Ile Arg
1 5 10

<210> 29609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29609
Gln Tyr Leu Ile Arg Val Glu Gly Asn Leu
1 5 10

<210> 29610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29610
Tyr Leu Ile Arg Val Glu Gly Asn Leu Arg
1 5 10

<210> 29611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29611
Gly Leu Ala Pro Pro Gln Arg Leu Ile
1 5

<210> 29612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29612
Arg Leu Ile Arg Val Glu Gly Asn Leu
1 5

<210> 29613
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29613

Arg Leu Ile Arg Val Glu Gly Asn Leu Arg
1 5 10

<210> 29614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29614
Gly Leu Ala Pro Pro Gln Leu Leu Ile
1 5

<210> 29615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29615
Leu Leu Ile Arg Val Glu Gly Asn Leu
1 5

<210> 29616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29616
Gly Leu Ala Pro Pro Gln Leu Leu Ile Arg
1 5 10

<210> 29617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29617
Leu Leu Ile Arg Val Glu Gly Asn Leu Arg
1 5 10

<210> 29618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29618
Gly Leu Ala Pro Pro Gln His Arg Ile
1 5

<210> 29619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29619
Arg Ile Arg Val Glu Gly Asn Leu Arg
1 5

<210> 29620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29620
Ala Pro Pro Gln His Arg Ile Arg Val
1 5

<210> 29621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29621
Arg Ile Arg Val Glu Gly Asn Leu Arg Val
1 5 10

<210> 29622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29622
Gly Leu Ala Pro Pro Gln His Leu Thr
1 5

<210> 29623
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29623
Leu Thr Arg Val Glu Gly Asn Leu Arg
1 5

<210> 29624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29624
Gly Leu Ala Pro Pro Gln His Leu Thr Arg
1 5 10

<210> 29625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29625
Leu Thr Arg Val Glu Gly Asn Leu Arg Val
1 5 10

<210> 29626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29626
His Leu Thr Arg Val Glu Gly Asn Leu Arg
1 5 10

<210> 29627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29627
His Leu Ile Pro Val Glu Gly Asn Leu
1 5

<210> 29628
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29628
Ala Pro Pro Gln His Leu Ile Pro Val
1 5

<210> 29629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29629
Ile Pro Val Glu Gly Asn Leu Arg Val
1 5

<210> 29630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29630
His Leu Ile Pro Val Glu Gly Asn Leu Arg

1 5 10

<210> 29631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29631
Leu Ala Pro Pro Gln His Leu Ile Pro Val
1 5 10

<210> 29632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29632
His Leu Ile Arg Val Glu Val Asn Leu
1 5

<210> 29633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29633
Leu Ile Arg Val Glu Val Asn Leu Arg
1 5

<210> 29634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29634
Glu Val Asn Leu Arg Val Glu Tyr Leu
1 5

<210> 29635

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29635
Val Glu Val Asn Leu Arg Val Glu Tyr
1 5

<210> 29636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29636
Leu Ile Arg Val Glu Val Asn Leu Arg Val
1 5 10

<210> 29637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29637
Arg Val Glu Val Asn Leu Arg Val Glu Tyr
1 5 10

<210> 29638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29638
His Leu Ile Arg Val Glu Val Asn Leu Arg
1 5 10

<210> 29639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29639
Val Glu Val Asn Leu Arg Val Glu Tyr Leu
1 5 10

<210> 29640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29640
Cys Leu Asp Asp Arg Asn Thr Phe Arg
1 5

<210> 29641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29641
Glu Cys Leu Asp Asp Arg Asn Thr Phe Arg
1 5 10

<210> 29642
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29642
Val Glu Cys Leu Asp Asp Arg Asn Thr Phe
1 5 10

<210> 29643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29643
Val Glu Gly Asn Leu Arg Val Glu Cys Leu
1 5 10

<210> 29644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29644
Tyr Leu Asp Asp Lys His Phe Ser Thr
1 5

<210> 29645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29645
Val Glu Tyr Leu Asp Asp Lys His Phe
1 5

<210> 29646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29646
Arg Val Glu Tyr Leu Asp Asp Lys His Phe
1 5 10

<210> 29647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29647
Asn Thr Phe Arg Arg Ser Val Val Val
1 5

<210> 29648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29648
Phe Arg Arg Ser Val Val Val Pro Tyr
1 5

<210> 29649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29649
Thr Phe Arg Arg Ser Val Val Val Pro Tyr
1 5 10

<210> 29650
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29650
Tyr Leu Asp Asp Arg Asn Thr Phe Arg Arg
1 5 10

<210> 29651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29651
Asn Thr Phe Arg His Ile Val Val Val
1 5

<210> 29652
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29652
Arg Asn Thr Phe Arg His Ile Val Val
1 5

<210> 29653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29653
Phe Arg His Ile Val Val Val Pro Tyr
1 5

<210> 29654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29654
Thr Phe Arg His Ile Val Val Val Pro Tyr
1 5 10

<210> 29655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29655
Asn Thr Phe Arg His Arg Val Val Val
1 5

<210> 29656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29656
Arg His Arg Val Val Val Pro Tyr Glu
1 5

<210> 29657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29657
Phe Arg His Arg Val Val Val Pro Tyr
1 5

<210> 29658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29658
Thr Phe Arg His Arg Val Val Val Pro Tyr
1 5 10

<210> 29659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29659
Asn Thr Phe Arg His Ser Met Val Val
1 5

<210> 29660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29660
Asp Arg Asn Thr Phe Arg His Ser Met
1 5

<210> 29661
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29661
Phe Arg His Ser Met Val Val Pro Tyr
1 5

<210> 29662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29662
Met Val Val Pro Tyr Glu Pro Pro Glu Val
1 5 10

<210> 29663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29663
Thr Phe Arg His Ser Met Val Val Pro Tyr
1 5 10

<210> 29664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29664
Val Val Pro Ser Glu Pro Pro Glu Val
1 5

<210> 29665
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29665
Val Val Val Pro Ser Glu Pro Pro Glu Val
1 5 10

<210> 29666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29666
Val Val Pro Cys Glu Pro Pro Glu Val
1 5

<210> 29667
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29667
Val Val Val Pro Cys Glu Pro Pro Glu Val
1 5 10

<210> 29668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29668
Cys Thr Thr Ile His Cys Asn Tyr Met
1 5

<210> 29669
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29669
Thr Thr Ile His Cys Asn Tyr Met Cys
1 5

<210> 29670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29670
Cys Asn Tyr Met Cys Asn Ser Ser Cys Met
1 5 10

<210> 29671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29671
Asn Asp Met Cys Asn Ser Ser Cys Met
1 5

<210> 29672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29672
Tyr Asn Cys Met Cys Asn Ser Ser Cys Met
1 5 10

<210> 29673
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29673
Cys Thr Thr Ile His Tyr Asn Tyr Ile
1 5

<210> 29674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29674
Tyr Asn Tyr Ile Cys Asn Ser Ser Cys Met
1 5 10

<210> 29675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29675
Cys Thr Thr Ile His Tyr Asn Tyr Ile
1 5

<210> 29676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29676
Tyr Asn Tyr Ile Cys Asn Ser Ser Cys Met
1 5 10

<210> 29677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29677

Thr Thr Ile His Tyr Asn Tyr Met Tyr
1 5

<210> 29678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29678
Tyr Met Tyr Asn Ser Ser Cys Met Gly
1 5

<210> 29679
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29679
Tyr Asn Tyr Met Tyr Asn Ser Ser Cys
1 5

<210> 29680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29680
Cys Thr Thr Ile His Tyr Asn Tyr Met Tyr
1 5 10

<210> 29681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29681
Tyr Met Tyr Asn Ser Ser Cys Met Gly Gly
1 5 10

<210> 29682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29682
Tyr Asn Tyr Met Tyr Asn Ser Ser Cys Met
1 5 10

<210> 29683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29683
Ile His Tyr Asn Tyr Met Tyr Asn Ser Ser
1 5 10

<210> 29684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29684
Met Tyr Asn Ser Ser Cys Met Gly Gly Met
1 5 10

<210> 29685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29685
Tyr Met Phe Asn Ser Ser Cys Met Gly
1 5

<210> 29686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29686
Thr Thr Ile His Tyr Asn Tyr Met Phe
1 5

<210> 29687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29687
Asn Tyr Met Phe Asn Ser Ser Cys Met
1 5

<210> 29688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29688
Tyr Asn Tyr Met Phe Asn Ser Ser Cys
1 5

<210> 29689
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29689
Tyr Met Phe Asn Ser Ser Cys Met Gly Gly
1 5 10

<210> 29690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29690
Cys Thr Thr Ile His Tyr Asn Tyr Met Phe
1 5 10

<210> 29691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29691
Tyr Asn Tyr Met Phe Asn Ser Ser Cys Met
1 5 10

<210> 29692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29692
Ile His Tyr Asn Tyr Met Phe Asn Ser Ser
1 5 10

<210> 29693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29693
Met Phe Asn Ser Ser Cys Met Gly Gly Met
1 5 10

<210> 29694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29694
Asn Tyr Met Cys Asn Ser Tyr Cys Met

1 5

<210> 29695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29695
His Tyr Asn Tyr Met Cys Asn Ser Tyr
1 5

<210> 29696
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29696
Ser Tyr Cys Met Gly Gly Met Asn Arg
1 5

<210> 29697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29697
Asn Ser Tyr Cys Met Gly Gly Met Asn Arg
1 5 10

<210> 29698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29698
Ile His Tyr Asn Tyr Met Cys Asn Ser Tyr
1 5 10

<210> 29699

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29699
Ser Tyr Cys Met Gly Gly Met Asn Arg Arg
1 5 10

<210> 29700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29700
Tyr Asn Tyr Met Cys Asn Ser Tyr Cys Met
1 5 10

<210> 29701
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29701
Met Cys Asn Ser Tyr Cys Met Gly Gly Met
1 5 10

<210> 29702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29702
His Tyr Asn Tyr Met Cys Asn Ser Phe
1 5

<210> 29703
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29703
Asn Tyr Met Cys Asn Ser Phe Cys Met
1 5

<210> 29704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29704
Ser Phe Cys Met Gly Gly Met Asn Arg
1 5

<210> 29705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29705
Tyr Met Cys Asn Ser Phe Cys Met Gly
1 5

<210> 29706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29706
Asn Ser Phe Cys Met Gly Gly Met Asn Arg
1 5 10

<210> 29707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29707
Ile His Tyr Asn Tyr Met Cys Asn Ser Phe
1 5 10

<210> 29708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29708
Ser Phe Cys Met Gly Gly Met Asn Arg Arg
1 5 10

<210> 29709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29709
Tyr Asn Tyr Met Cys Asn Ser Phe Cys Met
1 5 10

<210> 29710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29710
Tyr Met Cys Asn Ser Ser Ala Trp Ala
1 5

<210> 29711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29711
Asn Tyr Met Cys Asn Ser Ser Ala Trp
1 5

<210> 29712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29712
Tyr Asn Tyr Met Cys Asn Ser Ser Ala
1 5

<210> 29713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29713
Tyr Met Cys Asn Ser Ser Ala Trp Ala Ala
1 5 10

<210> 29714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29714
His Tyr Asn Tyr Met Cys Asn Ser Ser Ala
1 5 10

<210> 29715
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29715
Tyr Asn Tyr Met Cys Asn Ser Ser Ala Trp
1 5 10

<210> 29716
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29716
Ser Ser Phe Met Gly Gly Met Asn Arg
1 5

<210> 29717
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29717
Tyr Asn Tyr Met Cys Asn Ser Ser Phe
1 5

<210> 29718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29718
Asn Tyr Met Cys Asn Ser Ser Phe Met
1 5

<210> 29719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29719
Ser Phe Met Gly Gly Met Asn Arg Arg
1 5

<210> 29720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29720
Tyr Met Cys Asn Ser Ser Phe Met Gly
1 5

<210> 29721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29721
Phe Met Gly Gly Met Asn Arg Arg Pro Ile
1 5 10

<210> 29722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29722
Ser Ser Phe Met Gly Gly Met Asn Arg Arg
1 5 10

<210> 29723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29723
His Tyr Asn Tyr Met Cys Asn Ser Ser Phe
1 5 10

<210> 29724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29724
Asn Ser Ser Phe Met Gly Gly Met Asn Arg
1 5 10

<210> 29725
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29725
Tyr Asn Tyr Met Cys Asn Ser Ser Phe Met
1 5 10

<210> 29726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29726
Tyr Met Cys Asn Ser Ser Phe Met Gly Gly
1 5 10

<210> 29727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29727
Met Cys Asn Ser Ser Phe Met Gly Gly Met
1 5 10

<210> 29728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29728
Tyr Met Cys Asn Ser Ser Cys Met Cys
1 5

<210> 29729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29729
Ser Ser Cys Met Cys Gly Met Asn Arg
1 5

<210> 29730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29730
Cys Gly Met Asn Arg Arg Pro Ile Leu
1 5

<210> 29731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29731
Ser Ser Cys Met Cys Gly Met Asn Arg Arg
1 5 10

<210> 29732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29732
Asn Ser Ser Cys Met Cys Gly Met Asn Arg
1 5 10

<210> 29733
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29733
Met Cys Asn Ser Ser Cys Met Cys Gly Met
1 5 10

<210> 29734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29734
Cys Met Cys Gly Met Asn Arg Arg Pro Ile
1 5 10

<210> 29735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29735
Ser Ser Cys Met Asp Gly Met Asn Arg
1 5

<210> 29736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29736
Asp Gly Met Asn Arg Arg Pro Ile Leu
1 5

<210> 29737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29737
Asn Ser Ser Cys Met Asp Gly Met Asn Arg
1 5 10

<210> 29738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29738
Cys Met Asp Gly Met Asn Arg Arg Pro Ile
1 5 10

<210> 29739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29739
Ser Ser Cys Met Gly Ser Met Asn Arg
1 5

<210> 29740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29740
Gly Ser Met Asn Arg Arg Pro Ile Leu
1 5

<210> 29741
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29741

Met Gly Ser Met Asn Arg Arg Pro Ile
1 5

<210> 29742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29742
Cys Asn Ser Ser Cys Met Gly Ser Met
1 5

<210> 29743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29743
Ser Met Asn Arg Arg Pro Ile Leu Thr Ile
1 5 10

<210> 29744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29744
Ser Ser Cys Met Gly Ser Met Asn Arg Arg
1 5 10

<210> 29745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29745
Asn Ser Ser Cys Met Gly Ser Met Asn Arg
1 5 10

<210> 29746
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29746
Met Gly Ser Met Asn Arg Arg Pro Ile Leu
1 5 10

<210> 29747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29747
Met Cys Asn Ser Ser Cys Met Gly Ser Met
1 5 10

<210> 29748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29748
Cys Met Gly Ser Met Asn Arg Arg Pro Ile
1 5 10

<210> 29749
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29749
Ser Ser Cys Met Gly Asp Met Asn Arg
1 5

<210> 29750
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29750
Asn Ser Ser Cys Met Gly Asp Met Asn Arg
1 5 10

<210> 29751
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29751
Cys Met Gly Asp Met Asn Arg Arg Pro Ile
1 5 10

<210> 29752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29752
Ser Ser Cys Met Gly Val Met Asn Arg
1 5

<210> 29753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29753
Gly Val Met Asn Arg Arg Pro Ile Leu
1 5

<210> 29754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29754
Ser Cys Met Gly Val Met Asn Arg Arg
1 5

<210> 29755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29755
Met Gly Val Met Asn Arg Arg Pro Ile
1 5

<210> 29756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29756
Cys Asn Ser Ser Cys Met Gly Val Met
1 5

<210> 29757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29757
Tyr Met Cys Asn Ser Ser Cys Met Gly Val
1 5 10

<210> 29758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29758
Val Met Asn Arg Arg Pro Ile Leu Thr Ile

1 5 10

<210> 29759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29759
Ser Ser Cys Met Gly Val Met Asn Arg Arg
1 5 10

<210> 29760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29760
Asn Ser Ser Cys Met Gly Val Met Asn Arg
1 5 10

<210> 29761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29761
Met Gly Val Met Asn Arg Arg Pro Ile Leu
1 5 10

<210> 29762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29762
Met Cys Asn Ser Ser Cys Met Gly Val Met
1 5 10

<210> 29763

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29763
Cys Met Gly Val Met Asn Arg Arg Pro Ile
1 5 10

<210> 29764
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29764
Asn Trp Arg Pro Ile Leu Thr Ile Ile
1 5

<210> 29765
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29765
Ser Ser Cys Met Gly Gly Met Asn Trp
1 5

<210> 29766
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29766
Met Gly Gly Met Asn Trp Arg Pro Ile
1 5

<210> 29767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29767
Met Asn Trp Arg Pro Ile Leu Thr Ile
1 5

<210> 29768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29768
Cys Met Gly Gly Met Asn Trp Arg Pro Ile
1 5 10

<210> 29769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29769
Gly Met Asn Trp Arg Pro Ile Leu Thr Ile
1 5 10

<210> 29770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29770
Ser Ser Cys Met Gly Gly Met Asn Trp Arg
1 5 10

<210> 29771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29771
Met Asn Trp Arg Pro Ile Leu Thr Ile Ile
1 5 10

<210> 29772
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29772
Asn Ser Ser Cys Met Gly Gly Met Asn Trp
1 5 10

<210> 29773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29773
Met Asn Gln Arg Pro Ile Leu Thr Ile
1 5

<210> 29774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29774
Asn Gln Arg Pro Ile Leu Thr Ile Ile
1 5

<210> 29775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29775
Cys Met Gly Gly Met Asn Gln Arg Pro Ile
1 5 10

<210> 29776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29776
Gly Met Asn Gln Arg Pro Ile Leu Thr Ile
1 5 10

<210> 29777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29777
Ser Ser Cys Met Gly Gly Met Asn Gln Arg
1 5 10

<210> 29778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29778
Asn Gln Arg Pro Ile Leu Thr Ile Ile Thr
1 5 10

<210> 29779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29779
Ser Cys Met Gly Gly Met Asn Pro Arg
1 5

<210> 29780
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29780
Asn Pro Arg Pro Ile Leu Thr Ile Ile
1 5

<210> 29781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29781
Gly Met Asn Pro Arg Pro Ile Leu Thr Ile
1 5 10

<210> 29782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29782
Cys Met Gly Gly Met Asn Pro Arg Pro Ile
1 5 10

<210> 29783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29783
Ser Ser Cys Met Gly Gly Met Asn Pro Arg
1 5 10

<210> 29784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29784
Asn Pro Arg Pro Ile Leu Thr Ile Ile Thr
1 5 10

<210> 29785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29785
Gly Pro Ile Leu Thr Ile Ile Thr Leu
1 5

<210> 29786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29786
Met Asn Arg Gly Pro Ile Leu Thr Ile
1 5

<210> 29787
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29787
Gly Met Asn Arg Gly Pro Ile Leu Thr Ile
1 5 10

<210> 29788
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29788
Cys Met Gly Gly Met Asn Arg Gly Pro Ile
1 5 10

<210> 29789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29789
Met Asn Arg Gly Pro Ile Leu Thr Ile Ile
1 5 10

<210> 29790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29790
Met Asn Arg Met Pro Ile Leu Thr Ile
1 5

<210> 29791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29791
Met Pro Ile Leu Thr Ile Ile Thr Leu
1 5

<210> 29792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29792
Met Gly Gly Met Asn Arg Met Pro Ile
1 5

<210> 29793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29793
Ser Cys Met Gly Gly Met Asn Arg Met
1 5

<210> 29794
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29794
Asn Arg Met Pro Ile Leu Thr Ile Ile
1 5

<210> 29795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29795
Cys Met Gly Gly Met Asn Arg Met Pro Ile
1 5 10

<210> 29796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29796
Gly Met Asn Arg Met Pro Ile Leu Thr Ile
1 5 10

<210> 29797
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29797
Arg Met Pro Ile Leu Thr Ile Ile Thr Leu
1 5 10

<210> 29798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29798
Met Asn Arg Met Pro Ile Leu Thr Ile Ile
1 5 10

<210> 29799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29799
Ser Ser Cys Met Gly Gly Met Asn Arg Met
1 5 10

<210> 29800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29800
Met Pro Ile Leu Thr Ile Ile Thr Leu Glu
1 5 10

<210> 29801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29801
Met Asn Arg Ser Pro Ile Leu Thr Ile
1 5

<210> 29802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29802
Ser Pro Ile Leu Thr Ile Ile Thr Leu
1 5

<210> 29803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29803
Met Gly Gly Met Asn Arg Ser Pro Ile
1 5

<210> 29804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29804
Gly Met Asn Arg Ser Pro Ile Leu Thr Ile
1 5 10

<210> 29805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29805

Cys Met Gly Gly Met Asn Arg Ser Pro Ile
1 5 10

<210> 29806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29806
Arg Ser Pro Ile Leu Thr Ile Ile Thr Leu
1 5 10

<210> 29807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29807
Met Asn Arg Ser Pro Ile Leu Thr Ile Ile
1 5 10

<210> 29808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29808
Arg Leu Ile Leu Thr Ile Ile Thr Leu
1 5

<210> 29809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29809
Gly Met Asn Arg Arg Leu Ile Leu Thr
1 5

<210> 29810
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29810
Met Asn Arg Arg Leu Ile Leu Thr Ile
1 5

<210> 29811
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29811
Gly Gly Met Asn Arg Arg Leu Ile Leu
1 5

<210> 29812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29812
Gly Met Asn Arg Arg Leu Ile Leu Thr Ile
1 5 10

<210> 29813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29813
Met Asn Arg Arg Leu Ile Leu Thr Ile Ile
1 5 10

<210> 29814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29814
Arg Arg Leu Ile Leu Thr Ile Ile Thr Leu
1 5 10

<210> 29815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29815
Arg Pro Ile Leu Thr Ile Phe Thr Leu
1 5

<210> 29816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29816
Asn Arg Arg Pro Ile Leu Thr Ile Phe
1 5

<210> 29817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29817
Phe Thr Leu Glu Asp Ser Ser Gly Asn Leu
1 5 10

<210> 29818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29818
Met Asn Arg Arg Pro Ile Leu Thr Ile Phe
1 5 10

<210> 29819
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29819
Arg Arg Pro Ile Leu Thr Ile Phe Thr Leu
1 5 10

<210> 29820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29820
Ile Leu Thr Ile Ile Thr Leu Glu Tyr
1 5

<210> 29821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29821
Leu Glu Tyr Ser Ser Gly Asn Leu Leu
1 5

<210> 29822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29822
Pro Ile Leu Thr Ile Ile Thr Leu Glu Tyr

1 5 10

<210> 29823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29823
Glu Tyr Ser Ser Gly Asn Leu Leu Gly Arg
1 5 10

<210> 29824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29824
Leu Glu Tyr Ser Ser Gly Asn Leu Leu Gly
1 5 10

<210> 29825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29825
Ile Ile Thr Leu Glu Asp Ser Ser Val
1 5

<210> 29826
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29826
Asp Ser Ser Val Asn Leu Leu Gly Arg
1 5

<210> 29827

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29827
Leu Glu Asp Ser Ser Val Asn Leu Leu
1 5

<210> 29828
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29828
Val Asn Leu Leu Gly Arg Asn Ser Phe
1 5

<210> 29829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29829
Thr Ile Ile Thr Leu Glu Asp Ser Ser Val
1 5 10

<210> 29830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29830
Thr Leu Glu Asp Ser Ser Val Asn Leu Leu
1 5 10

<210> 29831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29831
Ser Val Asn Leu Leu Gly Arg Asn Ser Phe
1 5 10

<210> 29832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29832
Leu Leu Arg Arg Asn Ser Phe Glu Val
1 5

<210> 29833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29833
Asp Ser Ser Gly Asn Leu Leu Arg Arg
1 5

<210> 29834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29834
Gly Asn Leu Leu Arg Arg Asn Ser Phe
1 5

<210> 29835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29835
Asn Leu Leu Arg Arg Asn Ser Phe Glu Val
1 5 10

<210> 29836
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29836
Leu Leu Arg Arg Asn Ser Phe Glu Val Arg
1 5 10

<210> 29837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29837
Ser Gly Asn Leu Leu Arg Arg Asn Ser Phe
1 5 10

<210> 29838
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29838
Leu Leu Glu Arg Asn Ser Phe Glu Val
1 5

<210> 29839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29839
Asp Ser Ser Gly Asn Leu Leu Glu Arg
1 5

<210> 29840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29840
Gly Asn Leu Leu Glu Arg Asn Ser Phe
1 5

<210> 29841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29841
Asn Leu Leu Glu Arg Asn Ser Phe Glu Val
1 5 10

<210> 29842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29842
Ser Gly Asn Leu Leu Glu Arg Asn Ser Phe
1 5 10

<210> 29843
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29843
Leu Glu Arg Asn Ser Phe Glu Val Arg Val
1 5 10

<210> 29844
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29844
Leu Leu Val Arg Asn Ser Phe Glu Val
1 5

<210> 29845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29845
Leu Val Arg Asn Ser Phe Glu Val Arg
1 5

<210> 29846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29846
Gly Asn Leu Leu Val Arg Asn Ser Phe
1 5

<210> 29847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29847
Asn Leu Leu Val Arg Asn Ser Phe Glu Val
1 5 10

<210> 29848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29848
Leu Val Arg Asn Ser Phe Glu Val Arg Val
1 5 10

<210> 29849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29849
Ser Gly Asn Leu Leu Val Arg Asn Ser Phe
1 5 10

<210> 29850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29850
Leu Glu Asp Ser Ser Gly Asn Leu Leu Val
1 5 10

<210> 29851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29851
Leu Leu Gly Pro Asn Ser Phe Glu Val
1 5

<210> 29852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29852
Gly Asn Leu Leu Gly Pro Asn Ser Phe
1 5

<210> 29853
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29853
Asn Leu Leu Gly Pro Asn Ser Phe Glu Val
1 5 10

<210> 29854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29854
Ser Gly Asn Leu Leu Gly Pro Asn Ser Phe
1 5 10

<210> 29855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29855
Leu Leu Gly Arg Asn Ser Phe Lys Val
1 5

<210> 29856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29856
Asn Leu Leu Gly Arg Asn Ser Phe Lys
1 5

<210> 29857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29857
Leu Gly Arg Asn Ser Phe Lys Val Arg
1 5

<210> 29858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29858
Lys Val Arg Val Cys Ala Cys Pro Gly
1 5

<210> 29859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29859
Asn Ser Phe Lys Val Arg Val Cys Ala
1 5

<210> 29860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29860
Ser Phe Lys Val Arg Val Cys Ala Cys
1 5

<210> 29861
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29861
Asn Leu Leu Gly Arg Asn Ser Phe Lys Val
1 5 10

<210> 29862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29862
Gly Asn Leu Leu Gly Arg Asn Ser Phe Lys
1 5 10

<210> 29863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29863
Lys Val Arg Val Cys Ala Cys Pro Gly Arg
1 5 10

<210> 29864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29864
Leu Leu Gly Arg Asn Ser Phe Glu Met
1 5

<210> 29865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29865
Leu Gly Arg Asn Ser Phe Glu Met Arg
1 5

<210> 29866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29866
Asn Ser Phe Glu Met Arg Val Cys Ala
1 5

<210> 29867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29867
Phe Glu Met Arg Val Cys Ala Cys Pro
1 5

<210> 29868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29868
Asn Leu Leu Gly Arg Asn Ser Phe Glu Met
1 5 10

<210> 29869
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29869

Glu Met Arg Val Cys Ala Cys Pro Gly Arg
1 5 10

<210> 29870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29870
Phe Glu Met Arg Val Cys Ala Cys Pro Gly
1 5 10

<210> 29871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29871
Asn Ser Phe Glu Val Cys Val Cys Ala
1 5

<210> 29872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29872
Glu Val Cys Val Cys Ala Cys Pro Gly Arg
1 5 10

<210> 29873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29873
Phe Glu Val Cys Val Cys Ala Cys Pro Gly
1 5 10

<210> 29874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29874
Asn Ser Phe Glu Val His Val Cys Ala
1 5

<210> 29875
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29875
Leu Gly Arg Asn Ser Phe Glu Val His
1 5

<210> 29876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29876
Glu Val His Val Cys Ala Cys Pro Gly Arg
1 5 10

<210> 29877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29877
His Val Cys Ala Cys Pro Gly Arg Asp Arg
1 5 10

<210> 29878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29878
Phe Glu Val His Val Cys Ala Cys Pro Gly
1 5 10

<210> 29879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29879
Asn Ser Phe Glu Val Leu Val Cys Ala
1 5

<210> 29880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29880
Leu Gly Arg Asn Ser Phe Glu Val Leu
1 5

<210> 29881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29881
Leu Leu Gly Arg Asn Ser Phe Glu Val Leu
1 5 10

<210> 29882
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29882
Glu Val Leu Val Cys Ala Cys Pro Gly Arg
1 5 10

<210> 29883
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29883
Phe Glu Val Leu Val Cys Ala Cys Pro Gly
1 5 10

<210> 29884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29884
Asn Ser Phe Glu Val Arg Phe Cys Ala
1 5

<210> 29885
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29885
Gly Arg Asn Ser Phe Glu Val Arg Phe
1 5

<210> 29886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29886
Glu Val Arg Phe Cys Ala Cys Pro Gly Arg

1 5 10

<210> 29887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29887
Leu Gly Arg Asn Ser Phe Glu Val Arg Phe
1 5 10

<210> 29888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29888
Phe Glu Val Arg Phe Cys Ala Cys Pro Gly
1 5 10

<210> 29889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29889
Arg Asn Ser Phe Glu Val Arg Val Tyr
1 5

<210> 29890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29890
Tyr Ala Cys Pro Gly Arg Asp Arg Arg
1 5

<210> 29891

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29891
Asn Ser Phe Glu Val Arg Val Tyr Ala
1 5

<210> 29892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29892
Arg Val Tyr Ala Cys Pro Gly Arg Asp Arg
1 5 10

<210> 29893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29893
Glu Val Arg Val Tyr Ala Cys Pro Gly Arg
1 5 10

<210> 29894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29894
Gly Arg Asn Ser Phe Glu Val Arg Val Tyr
1 5 10

<210> 29895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29895
Phe Glu Val Arg Val Tyr Ala Cys Pro Gly
1 5 10

<210> 29896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29896
Phe Ala Cys Pro Gly Arg Asp Arg Arg
1 5

<210> 29897
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29897
Asn Ser Phe Glu Val Arg Val Phe Ala
1 5

<210> 29898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29898
Arg Asn Ser Phe Glu Val Arg Val Phe
1 5

<210> 29899
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29899
Phe Glu Val Arg Val Phe Ala Cys Pro
1 5

<210> 29900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29900
Arg Val Phe Ala Cys Pro Gly Arg Asp Arg
1 5 10

<210> 29901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29901
Glu Val Arg Val Phe Ala Cys Pro Gly Arg
1 5 10

<210> 29902
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29902
Val Phe Ala Cys Pro Gly Arg Asp Arg Arg
1 5 10

<210> 29903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29903
Gly Arg Asn Ser Phe Glu Val Arg Val Phe
1 5 10

<210> 29904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29904
Phe Glu Val Arg Val Phe Ala Cys Pro Gly
1 5 10

<210> 29905
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29905
Cys Ala Phe Pro Gly Arg Asp Arg Arg
1 5

<210> 29906
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29906
Ser Phe Glu Val Arg Val Cys Ala Phe
1 5

<210> 29907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29907
Glu Val Arg Val Cys Ala Phe Pro Gly Arg
1 5 10

<210> 29908
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29908
Asn Ser Phe Glu Val Arg Val Cys Ala Phe
1 5 10

<210> 29909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29909
Phe Glu Val Arg Val Cys Ala Phe Pro Gly
1 5 10

<210> 29910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29910
Cys Ala Cys Ser Gly Arg Asp Arg Arg
1 5

<210> 29911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29911
Phe Glu Val Arg Val Cys Ala Cys Ser
1 5

<210> 29912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29912
Glu Val Arg Val Cys Ala Cys Ser Gly Arg
1 5 10

<210> 29913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29913
Phe Glu Val Arg Val Cys Ala Cys Ser Gly
1 5 10

<210> 29914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29914
Cys Ala Cys Pro Gly Arg Asn Arg Arg
1 5

<210> 29915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29915
Arg Val Cys Ala Cys Pro Gly Arg Asn Arg
1 5 10

<210> 29916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29916
Cys Ala Cys Pro Gly Arg Asp Trp Arg
1 5

<210> 29917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29917
Arg Asp Trp Arg Thr Glu Glu Glu Asn Leu
1 5 10

<210> 29918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29918
Arg Thr Lys Glu Glu Asn Leu Arg Lys
1 5

<210> 29919
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29919
Arg Thr Lys Glu Glu Asn Leu Arg Lys Lys
1 5 10

<210> 29920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29920
Arg Thr Glu Lys Glu Asn Leu Arg Lys
1 5

<210> 29921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29921
Arg Thr Glu Lys Glu Asn Leu Arg Lys Lys
1 5 10

<210> 29922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29922
Lys Glu Glu Thr Thr Gly Trp Arg Ile
1 5

<210> 29923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29923
Arg Ile Phe His Pro Ser Asp Pro Trp
1 5

<210> 29924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29924
Glu Glu Thr Thr Gly Trp Arg Ile Phe
1 5

<210> 29925
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29925
Arg Ile Phe His Pro Ser Asp Pro Trp Ala
1 5 10

<210> 29926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29926
Leu Pro Asn Asn Thr Ser Ser Ser Pro Ala
1 5 10

<210> 29927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29927
Lys Glu Glu Thr Thr Gly Trp Arg Ile Phe
1 5 10

<210> 29928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29928
Trp Arg Ile Phe His Pro Ser Asp Pro Trp
1 5 10

<210> 29929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29929
Glu Glu Thr Thr Gly Trp Arg Ile Phe His
1 5 10

<210> 29930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29930
Ser Pro Ala Lys Glu Glu Thr Thr Gly Trp
1 5 10

<210> 29931
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29931
Ser Asn Met Leu Leu Lys Pro Pro Trp
1 5

<210> 29932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29932
Phe Leu Ala Gly Asp Gly Arg Ala Thr
1 5

<210> 29933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29933

Gly Arg Ala Thr Glu Val Pro Ser Leu
1 5

<210> 29934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29934
Thr Glu Val Pro Ser Leu Thr Ala Leu
1 5

<210> 29935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29935
Thr Glu Val Pro Ser Leu Thr Ala Leu His
1 5 10

<210> 29936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29936
Gln Val Gln Asp Gln Leu Met Asn Lys
1 5

<210> 29937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29937
Lys Glu Leu Thr Glu Arg Leu Phe Val
1 5

<210> 29938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29938
Leu Met Asn Lys Glu Leu Thr Glu Arg Leu
1 5 10

<210> 29939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29939
Gln Leu Met Asn Lys Glu Leu Thr Glu Arg
1 5 10

<210> 29940
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29940
Val Gln Asp Gln Leu Met Asn Lys Glu Leu
1 5 10

<210> 29941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29941
Met Asn Lys Glu Leu Thr Glu Arg Leu Phe
1 5 10

<210> 29942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29942
Lys Glu Leu Thr Glu Arg Leu Phe Val Leu
1 5 10

<210> 29943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29943
Cys Leu Cys Thr Asp Pro Tyr Glu Leu
1 5

<210> 29944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29944
Phe Gln Cys Leu Cys Thr Asp Pro Tyr
1 5

<210> 29945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29945
Gly Phe Gln Cys Leu Cys Thr Asp Pro Tyr
1 5 10

<210> 29946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 29946
Lys Leu Ser Leu Glu Ser Glu Gly Ala
1 5

<210> 29947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29947
Pro Ser Lys Asp Arg Ala Ala Lys Lys
1 5

<210> 29948
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29948
Asp Arg Ala Ala Lys Lys Leu Ser Leu
1 5

<210> 29949
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29949
Ala Glu Ala Ile His Leu Pro Gln Val
1 5

<210> 29950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29950
Phe Ala Glu Ala Ile His Leu Pro Gln Val

1 5 10

<210> 29951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29951
Ala Ile His Leu Pro Gln Val Ala Gly Val
1 5 10

<210> 29952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29952
His Leu Pro Gln Val Ala Gly Val Pro Arg
1 5 10

<210> 29953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29953
Leu Pro Gln Val Ala Gly Val Pro Arg Phe
1 5 10

<210> 29954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29954
Ala Glu Ala Ile His Leu Pro Gln Val Ala
1 5 10

<210> 29955

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29955
Gly Pro Ile Pro Gly Pro Ile Pro Val
1 5

<210> 29956
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29956
Ile Pro Gly Pro Ile Pro Val Pro Ile
1 5

<210> 29957
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29957
Ile Pro Val Pro Ile Pro Gly Pro Ile
1 5

<210> 29958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29958
Phe Ile Lys His Phe Ile Ile Tyr Leu
1 5

<210> 29959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29959
Ile Ile Tyr Leu Ile Pro Arg Tyr Val
1 5

<210> 29960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29960
Phe Ile Ile Tyr Leu Ile Pro Arg Tyr
1 5

<210> 29961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29961
His Phe Ile Ile Tyr Leu Ile Pro Arg
1 5

<210> 29962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29962
Ile Tyr Leu Ile Pro Arg Tyr Val Arg
1 5

<210> 29963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29963
Ile Lys His Phe Ile Ile Tyr Leu Ile
1 5

<210> 29964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29964
Phe Ile Lys His Phe Ile Ile Tyr Leu Ile
1 5 10

<210> 29965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29965
Phe Ile Ile Tyr Leu Ile Pro Arg Tyr Val
1 5 10

<210> 29966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29966
Tyr Leu Ile Pro Arg Tyr Val Arg Asp Leu
1 5 10

<210> 29967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29967
Ile Ile Tyr Leu Ile Pro Arg Tyr Val Arg
1 5 10

<210> 29968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29968
Leu Ile Pro Arg Tyr Val Arg Asp Leu Lys
1 5 10

<210> 29969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29969
Leu Phe Ile Lys His Phe Ile Ile Tyr Leu
1 5 10

<210> 29970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29970
Lys His Phe Ile Ile Tyr Leu Ile Pro Arg
1 5 10

<210> 29971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29971
His Phe Ile Ile Tyr Leu Ile Pro Arg Tyr
1 5 10

<210> 29972
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29972
Val Glu Ile Leu Phe Gly Glu Lys Ile
1 5

<210> 29973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29973
Gly Glu Lys Ile Thr Ser Ser Asp Val
1 5

<210> 29974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29974
Gly Glu Lys Ile Thr Ser Ser Asp Val Val
1 5 10

<210> 29975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29975
Val Glu Ile Leu Phe Gly Glu Lys Ile Thr
1 5 10

<210> 29976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29976
Lys His Gln Asn His Tyr Arg Val Tyr
1 5

<210> 29977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29977
Gln Asn His Tyr Arg Val Tyr Asn Leu
1 5

<210> 29978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29978
Lys Lys His Gln Asn His Tyr Arg Val
1 5

<210> 29979
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29979
Phe Leu Asp Lys Lys His Gln Asn His Tyr
1 5 10

<210> 29980
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29980
His Gln Asn His Tyr Arg Val Tyr Asn Leu
1 5 10

<210> 29981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29981
Lys Lys His Gln Asn His Tyr Arg Val Tyr
1 5 10

<210> 29982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29982
Met Glu Ser Ser Lys Lys Met Asp Phe
1 5

<210> 29983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29983
Lys Lys Met Asp Phe Pro Gly Ala Leu
1 5

<210> 29984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29984
Ser Ser Lys Lys Met Asp Phe Pro Gly Ala
1 5 10

<210> 29985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29985
Ser Lys Lys Met Asp Phe Pro Gly Ala Leu
1 5 10

<210> 29986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29986
Lys Ser Ala Arg Tyr Asn His Phe Ser
1 5

<210> 29987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29987
Ser Ala Arg Tyr Asn His Phe Ser Gly
1 5

<210> 29988
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29988
Gly Lys Ser Ala Arg Tyr Asn His Phe
1 5

<210> 29989
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29989
Lys Ser Ala Arg Tyr Asn His Phe Ser Gly
1 5 10

<210> 29990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29990
Ser Ala Arg Tyr Asn His Phe Ser Gly Gly
1 5 10

<210> 29991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29991
Ser Gly Lys Ser Ala Arg Tyr Asn His Phe
1 5 10

<210> 29992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 29992
Asn His Phe Ser Gly Gly Pro Ser Asn Leu
1 5 10

<210> 29993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29993
Asp Glu Val Tyr Cys Leu Asn Asn Phe
1 5

<210> 29994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29994
Phe Leu Leu Gly Leu Met Phe Gln Ile
1 5

<210> 29995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29995
Leu Met Phe Gln Ile Thr Ala Lys Ala
1 5

<210> 29996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29996
Phe Gln Ile Thr Ala Lys Ala Ser Ile
1 5

<210> 29997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29997

Gly Leu Met Phe Gln Ile Thr Ala Lys
1 5

<210> 29998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29998
Phe Leu Leu Gly Leu Met Phe Gln Ile Thr
1 5 10

<210> 29999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 29999
Gly Leu Met Phe Gln Ile Thr Ala Lys Ala
1 5 10

<210> 30000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30000
Phe Gln Ile Thr Ala Lys Ala Ser Ile Ile
1 5 10

<210> 30001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30001
Leu Gly Leu Met Phe Gln Ile Thr Ala Lys
1 5 10

<210> 30002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30002
Val Phe Leu Leu Gly Leu Met Phe Gln Ile
1 5 10

<210> 30003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30003
Met Phe Gln Ile Thr Ala Lys Ala Ser Ile
1 5 10

<210> 30004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30004
Leu Met Phe Gln Ile Thr Ala Lys Ala Ser
1 5 10

<210> 30005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30005
Gln Ile Thr Ala Lys Ala Ser Ile Ile Phe
1 5 10

<210> 30006
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30006
Ser Lys Lys Glu Gln Lys Thr Glu Trp
1 5

<210> 30007
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30007
Thr Glu Trp Glu Trp Lys Leu Gln Ile
1 5

<210> 30008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30008
Lys Glu Gln Lys Thr Glu Trp Glu Trp
1 5

<210> 30009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30009
Arg Ser Arg Ser Ser Lys Lys Glu Gln Lys
1 5 10

<210> 30010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30010
Leu Tyr Gly Asp Glu Ile Lys Asp Phe
1 5

<210> 30011
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30011
Ile Lys Asp Phe Thr Gln Ala Glu Leu
1 5

<210> 30012
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30012
Asp Glu Ile Lys Asp Phe Thr Gln Ala
1 5

<210> 30013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30013
Glu Ile Lys Asp Phe Thr Gln Ala Glu Leu
1 5 10

<210> 30014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30014
Lys Asp Phe Thr Gln Ala Glu Leu Ala Leu

1 5 10

<210> 30015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30015
Asp Glu Ile Lys Asp Phe Thr Gln Ala Glu
1 5 10

<210> 30016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30016
Asn Leu Tyr Cys Gly Gln Asn Lys Lys
1 5

<210> 30017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30017
Asn Gln His Pro Ser Pro Asn Leu Tyr
1 5

<210> 30018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30018
Lys Gln Asn Gln His Pro Ser Pro Asn
1 5

<210> 30019

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30019
Lys Gln Asn Gln His Pro Ser Pro Asn Leu
1 5 10

<210> 30020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30020
Gln Asn Gln His Pro Ser Pro Asn Leu Tyr
1 5 10

<210> 30021
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30021
Lys Leu Trp Ala Asp Gln Ile Ser Leu
1 5

<210> 30022
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30022
Ala Gln Lys Leu Trp Ala Asp Gln Ile
1 5

<210> 30023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30023
Lys Leu Trp Ala Asp Gln Ile Ser Leu Ala
1 5 10

<210> 30024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30024
Gln Ile Ser Leu Ala Gly Ser Asn Ile Phe
1 5 10

<210> 30025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30025
Gln Lys Leu Trp Ala Asp Gln Ile Ser Leu
1 5 10

<210> 30026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30026
Asp Gln Ile Ser Leu Ala Gly Ser Asn Ile
1 5 10

<210> 30027
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30027
Tyr Thr His Met Tyr Asp Pro Tyr Lys
1 5

<210> 30028
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30028
Met Tyr Asp Pro Tyr Lys Cys Phe Lys
1 5

<210> 30029
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30029
Gln Gln Gly Gln Tyr Thr His Met Tyr
1 5

<210> 30030
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30030
Lys Gln Gln Gly Gln Tyr Thr His Met
1 5

<210> 30031
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30031
His Met Tyr Asp Pro Tyr Lys Cys Phe
1 5

<210> 30032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30032
Gln Lys Gln Gln Gly Gln Tyr Thr His
1 5

<210> 30033
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30033
Gly Gln Tyr Thr His Met Tyr Asp Pro
1 5

<210> 30034
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30034
Tyr Lys Cys Phe Lys Ile Leu Lys Met
1 5

<210> 30035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30035
Asp Pro Tyr Lys Cys Phe Lys Ile Leu
1 5

<210> 30036
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30036
His Met Tyr Asp Pro Tyr Lys Cys Phe Lys
1 5 10

<210> 30037
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30037
Met Tyr Asp Pro Tyr Lys Cys Phe Lys Ile
1 5 10

<210> 30038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30038
Lys Gln Gln Gly Gln Tyr Thr His Met Tyr
1 5 10

<210> 30039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30039
Gly Gln Tyr Thr His Met Tyr Asp Pro Tyr
1 5 10

<210> 30040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30040
Gly Gln Lys Gln Gln Gly Gln Tyr Thr His
1 5 10

<210> 30041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30041
Gln Lys Gln Gln Gly Gln Tyr Thr His Met
1 5 10

<210> 30042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30042
Thr His Met Tyr Asp Pro Tyr Lys Cys Phe
1 5 10

<210> 30043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30043
Ser Pro Gly Gln Lys Gln Gln Gly Gln Tyr
1 5 10

<210> 30044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30044
Phe Thr Lys Asp Asn Gln Val His Ile
1 5

<210> 30045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30045
Asn Gln Val His Ile Gly Pro Lys Met
1 5

<210> 30046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30046
Lys Asp Asn Gln Val His Ile Gly Pro Lys
1 5 10

<210> 30047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30047
Arg Ser Cys Ile Gln Ala Tyr Phe Tyr
1 5

<210> 30048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30048
Cys Ile Gln Ala Tyr Phe Tyr Asp Leu
1 5

<210> 30049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30049
Asn Ala Arg Ser Cys Ile Gln Ala Tyr
1 5

<210> 30050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30050
Ala Arg Ser Cys Ile Gln Ala Tyr Phe
1 5

<210> 30051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30051
Ile Gln Ala Tyr Phe Tyr Asp Leu His
1 5

<210> 30052
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30052
Ala Arg Ser Cys Ile Gln Ala Tyr Phe Tyr
1 5 10

<210> 30053
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30053
Glu Asn Ala Arg Ser Cys Ile Gln Ala Tyr
1 5 10

<210> 30054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30054
Asn Ala Arg Ser Cys Ile Gln Ala Tyr Phe
1 5 10

<210> 30055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30055
Ala Glu Asn Ala Arg Ser Cys Ile Gln Ala
1 5 10

<210> 30056
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30056
Leu Glu Val Ala Val Gly Val Cys Leu
1 5

<210> 30057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30057
Ala Leu Arg Thr Gly Ser Ser Asp Thr Lys
1 5 10

<210> 30058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30058
Arg Leu Lys Lys Met Ala Ser Leu Asp
1 5

<210> 30059
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30059
Lys Met Ala Ser Leu Asp Arg Lys Ala
1 5

<210> 30060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30060
Arg Leu Lys Lys Met Ala Ser Leu Asp Arg
1 5 10

<210> 30061
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30061

Met Ala Ser Leu Asp Arg Lys Ala Ser Leu
1 5 10

<210> 30062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30062
Lys Lys Met Ala Ser Leu Asp Arg Lys Ala
1 5 10

<210> 30063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30063
Ala Ser Leu Asp Arg Lys Ala Ser Leu Trp
1 5 10

<210> 30064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30064
Leu Asp Arg Lys Ala Ser Leu Trp Leu Phe
1 5 10

<210> 30065
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30065
Asn Lys His Asn Gln Val Leu Thr Phe
1 5

<210> 30066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30066
Arg Gln Glu Glu Lys His Val Cys Asn Lys
1 5 10

<210> 30067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30067
Cys Asn Lys His Asn Gln Val Leu Thr Phe
1 5 10

<210> 30068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30068
Asn Lys His Asn Gln Val Leu Thr Phe Phe
1 5 10

<210> 30069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30069
Met Leu Lys Lys Phe Lys Glu Asp Ile
1 5

<210> 30070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30070
Lys Phe Lys Glu Asp Ile Arg Gly Glu Leu
1 5 10

<210> 30071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30071
Met Leu Lys Lys Phe Lys Glu Asp Ile Arg
1 5 10

<210> 30072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30072
Ala Gln Leu Leu Ala Ser Val Asn Lys
1 5

<210> 30073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30073
Ser Val Asn Lys Glu His Glu His Lys
1 5

<210> 30074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30074
Arg Lys Ala Gln Leu Leu Ala Ser Val
1 5

<210> 30075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30075
Lys Ala Gln Leu Leu Ala Ser Val Asn Lys
1 5 10

<210> 30076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30076
Ala Ser Val Asn Lys Glu His Glu His Lys
1 5 10

<210> 30077
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30077
Arg Arg Lys Ala Gln Leu Leu Ala Ser Val
1 5 10

<210> 30078
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30078
Leu Lys Gly Gln Gln Val Arg Glu Pro Val

1 5 10

<210> 30079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30079
Arg Ile Gln Asp Phe Val Trp Arg Val
1 5

<210> 30080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30080
Phe Val Trp Arg Val Glu Gln Arg Lys
1 5

<210> 30081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30081
Asp Phe Val Trp Arg Val Glu Gln Arg
1 5

<210> 30082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30082
Trp Arg Val Glu Gln Arg Lys Ile Leu
1 5

<210> 30083

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30083
Asp Phe Val Trp Arg Val Glu Gln Arg Lys
1 5 10

<210> 30084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30084
Trp Arg Val Glu Gln Arg Lys Ile Leu Leu
1 5 10

<210> 30085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30085
Gly Gly Arg Thr Arg Ser Pro Gly Arg
1 5

<210> 30086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30086
Arg Thr Arg Ser Pro Gly Arg Ala Glu
1 5

<210> 30087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30087
Gly Gly Arg Thr Arg Ser Pro Gly Arg Ala
1 5 10

<210> 30088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30088
Arg Thr Arg Ser Pro Gly Arg Ala Glu Val
1 5 10

<210> 30089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30089
Lys Met Ile Lys Trp Thr Leu Leu Lys
1 5

<210> 30090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30090
Glu Phe Ile Asn Leu Lys Met Ile Lys
1 5

<210> 30091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30091
Asn Leu Lys Met Ile Lys Trp Thr Leu
1 5

<210> 30092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30092
Leu Lys Met Ile Lys Trp Thr Leu Leu
1 5

<210> 30093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30093
Lys Arg Glu Phe Ile Asn Leu Lys Met
1 5

<210> 30094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30094
Arg Glu Phe Ile Asn Leu Lys Met Ile
1 5

<210> 30095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30095
Asp Glu Lys Arg Glu Phe Ile Asn Leu
1 5

<210> 30096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30096
Asn Leu Lys Met Ile Lys Trp Thr Leu Leu
1 5 10

<210> 30097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30097
Glu Lys Arg Glu Phe Ile Asn Leu Lys Met
1 5 10

<210> 30098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30098
Lys Met Ile Lys Trp Thr Leu Leu Lys Ser
1 5 10

<210> 30099
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30099
Trp Met Pro Arg Gln Glu Thr Ser Leu
1 5

<210> 30100
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30100
Lys Trp Met Pro Arg Gln Glu Thr Ser
1 5

<210> 30101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30101
Leu Pro Phe Tyr Lys Trp Met Pro Arg
1 5

<210> 30102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30102
Met Pro Arg Gln Glu Thr Ser Leu Thr
1 5

<210> 30103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30103
Tyr Lys Trp Met Pro Arg Gln Glu Thr
1 5

<210> 30104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30104
Lys Trp Met Pro Arg Gln Glu Thr Ser Leu
1 5 10

<210> 30105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30105
Gly Leu Pro Phe Tyr Lys Trp Met Pro Arg
1 5 10

<210> 30106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30106
Met Pro Arg Gln Glu Thr Ser Leu Thr Ser
1 5 10

<210> 30107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30107
Tyr Lys Trp Met Pro Arg Gln Glu Thr Ser
1 5 10

<210> 30108
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30108
Val Tyr Asn Val Arg Thr Val Ile Leu
1 5

<210> 30109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30109
Gln Val Tyr Asn Val Arg Thr Val Ile
1 5

<210> 30110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30110
Pro Gln Val Tyr Asn Val Arg Thr Val Ile
1 5 10

<210> 30111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30111
Gln Val Tyr Asn Val Arg Thr Val Ile Leu
1 5 10

<210> 30112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30112
Asn Phe Asn Lys Gln Asn Lys Leu Lys Arg
1 5 10

<210> 30113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30113
Leu Gln Asn Phe Asn Lys Gln Asn Lys Leu
1 5 10

<210> 30114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30114
Tyr Met Asn Arg Leu Gln Pro Ser Thr
1 5

<210> 30115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30115
Arg Leu Gln Pro Ser Thr Gln Trp Tyr
1 5

<210> 30116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30116
Leu Gln Pro Ser Thr Gln Trp Tyr Lys
1 5

<210> 30117
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30117
Leu His Arg Met Leu Tyr Met Asn Arg
1 5

<210> 30118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30118
Ser Thr Gln Trp Tyr Lys Ile Thr Ala
1 5

<210> 30119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30119
Lys Lys His Leu His Arg Met Leu Tyr
1 5

<210> 30120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30120
Glu Phe Thr Lys Lys His Leu His Arg
1 5

<210> 30121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30121
Phe Thr Lys Lys His Leu His Arg Met
1 5

<210> 30122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30122
Leu Glu Phe Thr Lys Lys His Leu His
1 5

<210> 30123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30123
Lys His Leu His Arg Met Leu Tyr Met
1 5

<210> 30124
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30124
His Arg Met Leu Tyr Met Asn Arg Leu
1 5

<210> 30125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30125

Gln Pro Ser Thr Gln Trp Tyr Lys Ile
1 5

<210> 30126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30126
Met Leu Tyr Met Asn Arg Leu Gln Pro Ser
1 5 10

<210> 30127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30127
His Leu His Arg Met Leu Tyr Met Asn Arg
1 5 10

<210> 30128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30128
Arg Leu Gln Pro Ser Thr Gln Trp Tyr Lys
1 5 10

<210> 30129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30129
Leu Gln Pro Ser Thr Gln Trp Tyr Lys Ile
1 5 10

<210> 30130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30130
Lys Lys His Leu His Arg Met Leu Tyr Met
1 5 10

<210> 30131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30131
Phe Thr Lys Lys His Leu His Arg Met Leu
1 5 10

<210> 30132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30132
Thr Lys Lys His Leu His Arg Met Leu Tyr
1 5 10

<210> 30133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30133
Arg Met Leu Tyr Met Asn Arg Leu Gln Pro
1 5 10

<210> 30134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30134
Tyr Met Asn Arg Leu Gln Pro Ser Thr Gln
1 5 10

<210> 30135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30135
Met Asn Arg Leu Gln Pro Ser Thr Gln Trp
1 5 10

<210> 30136
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30136
Cys Pro Leu Glu Phe Thr Lys Lys His Leu
1 5 10

<210> 30137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30137
Phe Ala Ile Ser Asn Ile Leu Ser Leu
1 5

<210> 30138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30138
Ala Ile Ser Asn Ile Leu Ser Leu Leu
1 5

<210> 30139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30139
Ile Ser Asn Ile Leu Ser Leu Leu Arg
1 5

<210> 30140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30140
Ser Leu Leu Arg Leu Ile Ser Leu Phe
1 5

<210> 30141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30141
Leu Ser Leu Leu Arg Leu Ile Ser Leu
1 5

<210> 30142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30142
Phe Ala Ile Ser Asn Ile Leu Ser Leu Leu

1 5 10

<210> 30143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30143
Ile Leu Ser Leu Leu Arg Leu Ile Ser Leu
1 5 10

<210> 30144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30144
Leu Leu Arg Leu Ile Ser Leu Phe Thr Ala
1 5 10

<210> 30145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30145
Ala Ile Ser Asn Ile Leu Ser Leu Leu Arg
1 5 10

<210> 30146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30146
Leu Phe Ala Ile Ser Asn Ile Leu Ser Leu
1 5 10

<210> 30147

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30147
Leu Ser Leu Leu Arg Leu Ile Ser Leu Phe
1 5 10

<210> 30148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30148
Ile Ser Asn Ile Leu Ser Leu Leu Arg Leu
1 5 10

<210> 30149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30149
Lys Glu Leu Ile Thr Val Phe Trp Met
1 5

<210> 30150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30150
Trp Met Gly Ser Glu Gly His Gln Asp Ile
1 5 10

<210> 30151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30151
Lys Lys Lys Glu Leu Ile Thr Val Phe Trp
1 5 10

<210> 30152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30152
Lys Lys Glu Leu Ile Thr Val Phe Trp Met
1 5 10

<210> 30153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30153
Lys Glu Leu Ile Thr Val Phe Trp Met Gly
1 5 10

<210> 30154
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30154
Phe Ile Leu Ala Asp Asn Trp Thr Thr
1 5

<210> 30155
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30155
Leu Ala Asp Asn Trp Thr Thr Gly Lys
1 5

<210> 30156
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30156
Ala Asp Asn Trp Thr Thr Gly Lys Tyr
1 5

<210> 30157
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30157
Ser His Phe Ile Leu Ala Asp Asn Trp
1 5

<210> 30158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30158
Leu Ala Asp Asn Trp Thr Thr Gly Lys Tyr
1 5 10

<210> 30159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30159
Ile Leu Ala Asp Asn Trp Thr Thr Gly Lys
1 5 10

<210> 30160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30160
Trp Thr Thr Gly Lys Tyr Gly Ala Glu Val
1 5 10

<210> 30161
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30161
His Ser His Phe Ile Leu Ala Asp Asn Trp
1 5 10

<210> 30162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30162
Leu Leu Ser Phe Gly Val Ala His Lys
1 5

<210> 30163
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30163
Ser Phe Gly Val Ala His Lys Ala Ile
1 5

<210> 30164
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30164
Ala His Lys Ala Ile Leu Ser Pro Lys
1 5

<210> 30165
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30165
Leu Ser Phe Gly Val Ala His Lys Ala
1 5

<210> 30166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30166
Val Leu Leu Ser Phe Gly Val Ala His
1 5

<210> 30167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30167
Leu Leu Ser Phe Gly Val Ala His Lys Ala
1 5 10

<210> 30168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30168
Val Leu Leu Ser Phe Gly Val Ala His Lys
1 5 10

<210> 30169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30169
Val Ala His Lys Ala Ile Leu Ser Pro Lys
1 5 10

<210> 30170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30170
Leu Ser Phe Gly Val Ala His Lys Ala Ile
1 5 10

<210> 30171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30171
Ile Thr Gln Lys Phe Tyr Ala Phe Tyr
1 5

<210> 30172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30172
Lys Ser Lys Lys Leu Pro Ile Thr Gln
1 5

<210> 30173
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30173
Lys Leu Pro Ile Thr Gln Lys Phe Tyr
1 5

<210> 30174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30174
Lys Lys Leu Pro Ile Thr Gln Lys Phe
1 5

<210> 30175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30175
Thr Gln Lys Phe Tyr Ala Phe Tyr His
1 5

<210> 30176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30176
Gln Lys Phe Tyr Ala Phe Tyr His Ala
1 5

<210> 30177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30177
Leu Pro Ile Thr Gln Lys Phe Tyr Ala
1 5

<210> 30178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30178
Lys Leu Pro Ile Thr Gln Lys Phe Tyr Ala
1 5 10

<210> 30179
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30179
Lys Ser Lys Lys Leu Pro Ile Thr Gln Lys
1 5 10

<210> 30180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30180
Ile Thr Gln Lys Phe Tyr Ala Phe Tyr His
1 5 10

<210> 30181
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30181
Thr Gln Lys Phe Tyr Ala Phe Tyr His Ala
1 5 10

<210> 30182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30182
Lys Lys Leu Pro Ile Thr Gln Lys Phe Tyr
1 5 10

<210> 30183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30183
Pro Ile Thr Gln Lys Phe Tyr Ala Phe Tyr
1 5 10

<210> 30184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30184
Leu Pro Ile Thr Gln Lys Phe Tyr Ala Phe
1 5 10

<210> 30185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30185
Ser Lys Lys Leu Pro Ile Thr Gln Lys Phe
1 5 10

<210> 30186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30186
Gln Lys Phe Tyr Ala Phe Tyr His Ala Pro
1 5 10

<210> 30187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30187
Ser Glu Ser Thr Asn Ser Val Cys Leu
1 5

<210> 30188
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30188
Lys Glu Ser Glu Ser Thr Asn Ser Val Cys
1 5 10

<210> 30189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30189

Ser Glu Ser Thr Asn Ser Val Cys Leu Met
1 5 10

<210> 30190
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30190
Val Leu Ala Gly Leu Cys Pro Leu Leu
1 5

<210> 30191
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30191
His Ser Val Pro His Pro Pro Arg Ala
1 5

<210> 30192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30192
His Pro Pro Arg Ala Gly Pro Val Leu
1 5

<210> 30193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30193
Arg Ala Gly Pro Val Leu Ala Gly Leu
1 5

<210> 30194
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30194
Asp Phe His Ser Val Pro His Pro Pro Arg
1 5 10

<210> 30195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30195
Val Pro His Pro Pro Arg Ala Gly Pro Val
1 5 10

<210> 30196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30196
Gly Pro Val Leu Ala Gly Leu Cys Pro Leu
1 5 10

<210> 30197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30197
Trp Leu Trp Phe Trp Ser Lys Tyr Lys
1 5

<210> 30198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30198
Phe Gln Ser Glu Ala Asp Trp Leu Trp
1 5

<210> 30199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30199
Ser Glu Ala Asp Trp Leu Trp Phe Trp
1 5

<210> 30200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30200
Leu Trp Phe Trp Ser Lys Tyr Lys Leu
1 5

<210> 30201
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30201
Trp Leu Trp Phe Trp Ser Lys Tyr Lys Leu
1 5 10

<210> 30202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30202
Glu Ala Asp Trp Leu Trp Phe Trp Ser Lys
1 5 10

<210> 30203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30203
Asp Phe Gln Ser Glu Ala Asp Trp Leu Trp
1 5 10

<210> 30204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30204
Phe Gln Ser Glu Ala Asp Trp Leu Trp Phe
1 5 10

<210> 30205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30205
Trp Phe Trp Ser Lys Tyr Lys Leu Ser Val
1 5 10

<210> 30206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30206
Asp Trp Leu Trp Phe Trp Ser Lys Tyr Lys

1 5 10

<210> 30207
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30207
Ala Asp Trp Leu Trp Phe Trp Ser Lys Tyr
1 5 10

<210> 30208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30208
Ser Glu Ala Asp Trp Leu Trp Phe Trp Ser
1 5 10

<210> 30209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30209
Met Val Leu Leu Leu Leu Ala Tyr Val
1 5

<210> 30210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30210
Val Leu Leu Leu Leu Ala Tyr Val Leu
1 5

<210> 30211

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30211
Arg Gly Met Val Leu Leu Leu Leu Ala
1 5

<210> 30212
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30212
Gly Met Val Leu Leu Leu Leu Ala Tyr
1 5

<210> 30213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30213
Gly Met Val Leu Leu Leu Leu Ala Tyr Val
1 5 10

<210> 30214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30214
Met Val Leu Leu Leu Leu Ala Tyr Val Leu
1 5 10

<210> 30215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30215
Val Leu Leu Leu Leu Ala Tyr Val Leu Leu
1 5 10

<210> 30216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30216
Arg Gly Met Val Leu Leu Leu Leu Ala Tyr
1 5 10

<210> 30217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30217
Gly Gln Thr Glu Leu Asn Ile Ala Ile
1 5

<210> 30218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30218
Glu Leu Asn Ile Ala Ile Glu Arg Arg
1 5

<210> 30219
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30219
Glu Ala Tyr Glu Gly Gln Thr Glu Leu
1 5

<210> 30220
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30220
Tyr Glu Gly Gln Thr Glu Leu Asn Ile
1 5

<210> 30221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30221
Ala Tyr Glu Gly Gln Thr Glu Leu Asn Ile
1 5 10

<210> 30222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30222
Gln Thr Glu Leu Asn Ile Ala Ile Glu Arg
1 5 10

<210> 30223
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30223
Glu Glu Ala Tyr Glu Gly Gln Thr Glu Leu
1 5 10

<210> 30224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30224
Tyr Glu Gly Gln Thr Glu Leu Asn Ile Ala
1 5 10

<210> 30225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30225
Leu Met His Phe Cys Trp Leu Met Ala
1 5

<210> 30226
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30226
Met His Phe Cys Trp Leu Met Ala Val
1 5

<210> 30227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30227
Lys Met Ile Phe Gly Asp Leu Met His
1 5

<210> 30228
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30228
Met Ile Phe Gly Asp Leu Met His Phe
1 5

<210> 30229
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30229
Asp Leu Met His Phe Cys Trp Leu Met
1 5

<210> 30230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30230
Gly Asp Leu Met His Phe Cys Trp Leu
1 5

<210> 30231
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30231
Met Ile Phe Gly Asp Leu Met His Phe Cys
1 5 10

<210> 30232
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30232
Leu Met His Phe Cys Trp Leu Met Ala Val
1 5 10

<210> 30233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30233
Lys Met Ile Phe Gly Asp Leu Met His Phe
1 5 10

<210> 30234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30234
Ile Phe Gly Asp Leu Met His Phe Cys Trp
1 5 10

<210> 30235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30235
His Phe Cys Trp Leu Met Ala Val Val Ile
1 5 10

<210> 30236
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30236
Met His Phe Cys Trp Leu Met Ala Val Val
1 5 10

<210> 30237
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30237
Gly Asp Leu Met His Phe Cys Trp Leu Met
1 5 10

<210> 30238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30238
Thr Ala Ala Arg Trp Leu Tyr Ile Arg
1 5

<210> 30239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30239
Ala Ala Arg Trp Leu Tyr Ile Arg Gly
1 5

<210> 30240
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30240
His Asn Thr Ala Ala Arg Trp Leu Tyr
1 5

<210> 30241
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30241
Asn Thr Ala Ala Arg Trp Leu Tyr Ile
1 5

<210> 30242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30242
Gln Lys His Asn Thr Ala Ala Arg Trp
1 5

<210> 30243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30243
Lys His Asn Thr Ala Ala Arg Trp Leu
1 5

<210> 30244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30244
Trp Leu Tyr Ile Arg Gly His Asn Gly Lys
1 5 10

<210> 30245
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30245
Asn Thr Ala Ala Arg Trp Leu Tyr Ile Arg
1 5 10

<210> 30246
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30246
Ala Ala Arg Trp Leu Tyr Ile Arg Gly His
1 5 10

<210> 30247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30247
Arg Trp Leu Tyr Ile Arg Gly His Asn Gly
1 5 10

<210> 30248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30248
Lys His Asn Thr Ala Ala Arg Trp Leu Tyr
1 5 10

<210> 30249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30249
Val Gln Lys His Asn Thr Ala Ala Arg Trp
1 5 10

<210> 30250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30250
Gln Lys His Asn Thr Ala Ala Arg Trp Leu
1 5 10

<210> 30251
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30251
Ser Met Met Ser Leu Glu Asp Asn Lys
1 5

<210> 30252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30252
Cys Phe Leu Val Ser Met Met Ser Leu
1 5

<210> 30253
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30253

Val Ile Lys Cys Phe Leu Val Ser Met
1 5

<210> 30254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30254
Ile Lys Cys Phe Leu Val Ser Met Met
1 5

<210> 30255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30255
Val Ser Met Met Ser Leu Glu Asp Asn Lys
1 5 10

<210> 30256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30256
Glu Val Ile Lys Cys Phe Leu Val Ser Met
1 5 10

<210> 30257
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30257
Lys Cys Phe Leu Val Ser Met Met Ser Leu
1 5 10

<210> 30258
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30258
Ser Met Met Ser Leu Glu Asp Asn Lys His
1 5 10

<210> 30259
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30259
Trp Glu Val Ile Lys Cys Phe Leu Val Ser
1 5 10

<210> 30260
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30260
Lys Val Phe Cys Thr Thr Ala Gly Gly
1 5

<210> 30261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30261
Tyr Ser Lys Val Phe Cys Thr Thr Ala
1 5

<210> 30262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30262
Ser Lys Val Phe Cys Thr Thr Ala Gly
1 5

<210> 30263
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30263
Lys Val Phe Cys Thr Thr Ala Gly Gly Lys
1 5 10

<210> 30264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30264
His Pro Tyr Ser Lys Val Phe Cys Thr Thr
1 5 10

<210> 30265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30265
Asn Thr Ser Ser Val Gly Ala Gln Leu
1 5

<210> 30266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30266
Gly Gln Asn Thr Ser Ser Val Gly Ala
1 5

<210> 30267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30267
Asn Thr Ser Ser Val Gly Ala Gln Leu Met
1 5 10

<210> 30268
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30268
Asp Leu Lys Arg Gly His Gln Lys Leu
1 5

<210> 30269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30269
Arg Gly His Gln Lys Leu Glu Glu Met
1 5

<210> 30270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30270
Lys Leu Glu Glu Met Val Thr Ser Leu

1 5

<210> 30271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30271
Ser Leu Asp Gln Glu Val Ala Glu Val
1 5

<210> 30272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30272
Met Val Thr Ser Leu Asp Gln Glu Val
1 5

<210> 30273
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30273
Glu Met Val Thr Ser Leu Asp Gln Glu Val
1 5 10

<210> 30274
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30274
Thr Ser Leu Asp Gln Glu Val Ala Glu Val
1 5 10

<210> 30275

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30275
Gln Lys Leu Glu Glu Met Val Thr Ser Leu
1 5 10

<210> 30276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30276
Ser Pro Asn Gly Gly Leu Asp Ile Leu
1 5

<210> 30277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30277
Met Ser Asp Leu Gly Pro Gln Glu Met
1 5

<210> 30278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30278
Gln Glu Met Val His Ile Ser Lys Phe
1 5

<210> 30279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30279
Met Ser Asp Leu Gly Pro Gln Glu Met Val
1 5 10

<210> 30280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30280
Ile Met Ser Asp Leu Gly Pro Gln Glu Met
1 5 10

<210> 30281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30281
Met Val His Ile Ser Lys Phe Thr Gly Leu
1 5 10

<210> 30282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30282
Pro Gln Glu Met Val His Ile Ser Lys Phe
1 5 10

<210> 30283
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30283
Gln Glu Met Val His Ile Ser Lys Phe Thr
1 5 10

<210> 30284
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30284
Arg Phe Arg Cys Arg Gln Cys Ser Thr
1 5

<210> 30285
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30285
Arg Cys Arg Gln Cys Ser Thr Ala Tyr
1 5

<210> 30286
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30286
Cys Ser Thr Ala Tyr Asp Thr Leu Val
1 5

<210> 30287
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30287
Thr Ala Tyr Asp Thr Leu Val Glu Leu
1 5

<210> 30288
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30288
Arg Gln Cys Ser Thr Ala Tyr Asp Thr
1 5

<210> 30289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30289
Ser Thr Ala Tyr Asp Thr Leu Val Glu Leu
1 5 10

<210> 30290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30290
Arg Phe Arg Cys Arg Gln Cys Ser Thr Ala
1 5 10

<210> 30291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30291
Phe Arg Cys Arg Gln Cys Ser Thr Ala Tyr
1 5 10

<210> 30292
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30292
Arg Gln Cys Ser Thr Ala Tyr Asp Thr Leu
1 5 10

<210> 30293
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30293
Arg Asp Val Cys Lys Asp Gly Ser Pro Leu
1 5 10

<210> 30294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30294
Ala Leu Ala Lys His Val Arg Ala Lys
1 5

<210> 30295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30295
Leu Ala Lys His Val Arg Ala Lys Ala
1 5

<210> 30296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30296
His Val Arg Ala Lys Ala Leu Ser Ser
1 5

<210> 30297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30297
Arg Ala Lys Ala Leu Ser Ser Thr Leu
1 5

<210> 30298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30298
Lys Ala Leu Ser Ser Thr Leu Arg Leu
1 5

<210> 30299
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30299
Ala Lys His Val Arg Ala Lys Ala Leu
1 5

<210> 30300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30300
Ala Leu Ala Lys His Val Arg Ala Lys Ala
1 5 10

<210> 30301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30301
Gln Ala Leu Ala Lys His Val Arg Ala Lys
1 5 10

<210> 30302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30302
His Val Arg Ala Lys Ala Leu Ser Ser Thr
1 5 10

<210> 30303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30303
Arg Ala Lys Ala Leu Ser Ser Thr Leu Arg
1 5 10

<210> 30304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30304
Lys Ala Leu Ser Ser Thr Leu Arg Leu Ala
1 5 10

<210> 30305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30305
Leu Ala Lys His Val Arg Ala Lys Ala Leu
1 5 10

<210> 30306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30306
Val Arg Ala Lys Ala Leu Ser Ser Thr Leu
1 5 10

<210> 30307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30307
Ala Lys Ala Leu Ser Ser Thr Leu Arg Leu
1 5 10

<210> 30308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30308
Leu Thr Phe Phe Leu Leu Leu Leu Val
1 5

<210> 30309
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30309
Phe Leu Leu Leu Leu Val Val Phe Leu
1 5

<210> 30310
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30310
Leu Leu Leu Leu Val Val Phe Leu Leu
1 5

<210> 30311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30311
Leu Leu Val Val Phe Leu Leu Glu Ala
1 5

<210> 30312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30312
Phe Phe Leu Leu Leu Leu Val Val Phe
1 5

<210> 30313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30313
Leu Leu Thr Phe Phe Leu Leu Leu Leu Val
1 5 10

<210> 30314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30314
Leu Thr Phe Phe Leu Leu Leu Leu Val Val
1 5 10

<210> 30315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30315
Phe Leu Leu Leu Leu Val Val Phe Leu Leu
1 5 10

<210> 30316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30316
Leu Leu Leu Val Val Phe Leu Leu Glu Ala
1 5 10

<210> 30317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30317

Thr Phe Phe Leu Leu Leu Leu Val Val Phe
1 5 10

<210> 30318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30318
Phe Phe Leu Leu Leu Leu Val Val Phe Leu
1 5 10

<210> 30319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30319
Gly Thr Glu Pro Leu Trp Thr Pro Lys
1 5

<210> 30320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30320
Arg Gly Thr Glu Pro Leu Trp Thr Pro Lys
1 5 10

<210> 30321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30321
Trp Gly Arg Asn Asp Arg Phe Asn Tyr
1 5

<210> 30322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30322
Val Cys Arg Phe Ile Gly Trp Gly Arg
1 5

<210> 30323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30323
Phe Ile Gly Trp Gly Arg Asn Asp Arg
1 5

<210> 30324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30324
Ile Gly Trp Gly Arg Asn Asp Arg Phe
1 5

<210> 30325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30325
His Val Cys Arg Phe Ile Gly Trp Gly Arg
1 5 10

<210> 30326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30326
Gly Trp Gly Arg Asn Asp Arg Phe Asn Tyr
1 5 10

<210> 30327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30327
Arg Phe Ile Gly Trp Gly Arg Asn Asp Arg
1 5 10

<210> 30328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30328
Phe Ile Gly Trp Gly Arg Asn Asp Arg Phe
1 5 10

<210> 30329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30329
Asn Met Thr Thr Val Ser Tyr Leu Lys
1 5

<210> 30330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30330
Thr Val Ser Tyr Leu Lys Thr Gln Lys
1 5

<210> 30331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30331
Glu Gly Asn Met Thr Thr Val Ser Tyr
1 5

<210> 30332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30332
Gly Asn Met Thr Thr Val Ser Tyr Leu
1 5

<210> 30333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30333
Gly Asn Met Thr Thr Val Ser Tyr Leu Lys
1 5 10

<210> 30334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30334
Thr Thr Val Ser Tyr Leu Lys Thr Gln Lys

1 5 10

<210> 30335
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30335
Arg Glu Gly Asn Met Thr Thr Val Ser Tyr
1 5 10

<210> 30336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30336
Thr Leu Lys Asp His Arg Trp Ala Val
1 5

<210> 30337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30337
Gly Leu Trp Lys Ala Val Gln Leu Leu
1 5

<210> 30338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30338
Leu Val Met Ile Phe Gln Cys Pro Val
1 5

<210> 30339

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30339
Ser Leu Arg Lys Gly Ser Leu Arg Leu
1 5

<210> 30340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30340
Arg Leu Ser Lys Gly His Glu Cys Leu
1 5

<210> 30341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30341
Arg Ala Ser Arg Val His Thr Leu Lys
1 5

<210> 30342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30342
Thr Val Gln Arg Arg Ser Leu Arg Lys
1 5

<210> 30343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30343
Trp Ala Val Arg Leu Gly Leu Trp Lys
1 5

<210> 30344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30344
Leu Trp Lys Ala Val Gln Leu Leu Lys
1 5

<210> 30345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30345
Arg Ser Leu Arg Lys Gly Ser Leu Arg
1 5

<210> 30346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30346
Arg Trp Ala Val Arg Leu Gly Leu Trp
1 5

<210> 30347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30347
Ile Phe Gln Cys Pro Val Arg Thr Leu
1 5

<210> 30348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30348
Arg Thr Leu Arg Ala His Ser Leu Ile
1 5

<210> 30349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30349
Lys Asn Lys Ser Lys Lys Lys Arg Lys
1 5

<210> 30350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30350
Lys Lys Arg Lys Ser Pro Ile Thr Arg
1 5

<210> 30351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30351
Lys Ser Pro Ile Thr Arg Asn Leu Arg
1 5

<210> 30352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30352
Arg Asn Leu Arg Gln Trp Pro Cys Leu
1 5

<210> 30353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30353
Cys Leu Arg Ala Ser Arg Val His Thr
1 5

<210> 30354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30354
Arg Val His Thr Leu Lys Asp His Arg
1 5

<210> 30355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30355
His Thr Leu Lys Asp His Arg Trp Ala
1 5

<210> 30356
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30356
Ala Val Arg Leu Gly Leu Trp Lys Ala
1 5

<210> 30357
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30357
Gly Ser Arg Asn Pro Thr Val Gln Arg
1 5

<210> 30358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30358
Asn Leu Arg Gln Trp Pro Cys Leu Arg
1 5

<210> 30359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30359
Gln Trp Pro Cys Leu Arg Ala Ser Arg
1 5

<210> 30360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30360
Pro Thr Val Gln Arg Arg Ser Leu Arg
1 5

<210> 30361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30361
Val Met Ile Phe Gln Cys Pro Val Arg
1 5

<210> 30362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30362
Phe Gln Cys Pro Val Arg Thr Leu Arg
1 5

<210> 30363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30363
Trp Pro Cys Leu Arg Ala Ser Arg Val
1 5

<210> 30364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30364
Asn Pro Thr Val Gln Arg Arg Ser Leu
1 5

<210> 30365
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30365
Ser Lys Lys Lys Arg Lys Ser Pro Ile
1 5

<210> 30366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30366
Leu Arg Ala Ser Arg Val His Thr Leu
1 5

<210> 30367
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30367
Arg Lys Ser Pro Ile Thr Arg Asn Leu
1 5

<210> 30368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30368
Arg Gln Trp Pro Cys Leu Arg Ala Ser
1 5

<210> 30369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30369
His Arg Trp Ala Val Arg Leu Gly Leu
1 5

<210> 30370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30370
Ser Lys Gly His Glu Cys Leu Val Met
1 5

<210> 30371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30371
Gly His Glu Cys Leu Val Met Ile Phe
1 5

<210> 30372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30372
Val Arg Thr Leu Arg Ala His Ser Leu
1 5

<210> 30373
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30373
Cys Pro Val Arg Thr Leu Arg Ala His
1 5

<210> 30374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30374
Lys Asp His Arg Trp Ala Val Arg Leu
1 5

<210> 30375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30375
Arg Leu Ser Lys Gly His Glu Cys Leu Val
1 5 10

<210> 30376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30376
Cys Leu Val Met Ile Phe Gln Cys Pro Val
1 5 10

<210> 30377
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30377
Met Ile Phe Gln Cys Pro Val Arg Thr Leu
1 5 10

<210> 30378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30378
Cys Leu Arg Ala Ser Arg Val His Thr Leu
1 5 10

<210> 30379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30379
Leu Leu Lys Gly Ser Arg Asn Pro Thr Val
1 5 10

<210> 30380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30380
Gly Leu Trp Lys Ala Val Gln Leu Leu Lys
1 5 10

<210> 30381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30381

Arg Trp Ala Val Arg Leu Gly Leu Trp Lys
1 5 10

<210> 30382
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30382
Leu Val Met Ile Phe Gln Cys Pro Val Arg
1 5 10

<210> 30383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30383
Lys Ser Lys Lys Lys Arg Lys Ser Pro Ile
1 5 10

<210> 30384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30384
Lys Lys Lys Arg Lys Ser Pro Ile Thr Arg
1 5 10

<210> 30385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30385
Lys Arg Lys Ser Pro Ile Thr Arg Asn Leu
1 5 10

<210> 30386
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30386
Ile Thr Arg Asn Leu Arg Gln Trp Pro Cys
1 5 10

<210> 30387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30387
Arg Asn Leu Arg Gln Trp Pro Cys Leu Arg
1 5 10

<210> 30388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30388
Arg Gln Trp Pro Cys Leu Arg Ala Ser Arg
1 5 10

<210> 30389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30389
His Thr Leu Lys Asp His Arg Trp Ala Val
1 5 10

<210> 30390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30390
Thr Leu Lys Asp His Arg Trp Ala Val Arg
1 5 10

<210> 30391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30391
Ala Val Arg Leu Gly Leu Trp Lys Ala Val
1 5 10

<210> 30392
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30392
Gly Ser Arg Asn Pro Thr Val Gln Arg Arg
1 5 10

<210> 30393
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30393
Arg Ser Leu Arg Lys Gly Ser Leu Arg Leu
1 5 10

<210> 30394
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30394
Ser Leu Arg Lys Gly Ser Leu Arg Leu Ser
1 5 10

<210> 30395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30395
Arg Thr Leu Arg Ala His Ser Leu Ile Gln
1 5 10

<210> 30396
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30396
Ile Phe Gln Cys Pro Val Arg Thr Leu Arg
1 5 10

<210> 30397
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30397
Leu Ser Lys Gly His Glu Cys Leu Val Met
1 5 10

<210> 30398
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30398
Arg Val His Thr Leu Lys Asp His Arg Trp

1 5 10

<210> 30399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30399
His Arg Trp Ala Val Arg Leu Gly Leu Trp
1 5 10

<210> 30400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30400
Leu Arg Leu Ser Lys Gly His Glu Cys Leu
1 5 10

<210> 30401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30401
Lys Gly His Glu Cys Leu Val Met Ile Phe
1 5 10

<210> 30402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30402
Phe Gln Cys Pro Val Arg Thr Leu Arg Ala
1 5 10

<210> 30403

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30403
Ser Pro Ile Thr Arg Asn Leu Arg Gln Trp
1 5 10

<210> 30404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30404
Arg Gly Val Ala Ile Lys Phe Gly Lys
1 5

<210> 30405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30405
Arg Phe Lys Glu Phe Lys Ala Arg Gly
1 5

<210> 30406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30406
Lys Ala Arg Gly Val Ala Ile Lys Phe
1 5

<210> 30407
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30407
Glu Phe Lys Ala Arg Gly Val Ala Ile
1 5

<210> 30408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30408
Lys Glu Phe Lys Ala Arg Gly Val Ala
1 5

<210> 30409
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30409
Arg Phe Lys Glu Phe Lys Ala Arg Gly Val
1 5 10

<210> 30410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30410
Glu Phe Lys Ala Arg Gly Val Ala Ile Lys
1 5 10

<210> 30411
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30411
Lys Ala Arg Gly Val Ala Ile Lys Phe Gly
1 5 10

<210> 30412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30412
Lys Glu Phe Lys Ala Arg Gly Val Ala Ile
1 5 10

<210> 30413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30413
Phe Lys Ala Arg Gly Val Ala Ile Lys Phe
1 5 10

<210> 30414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30414
Arg Gly Val Ala Ile Lys Phe Gly Lys Phe
1 5 10

<210> 30415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30415
Lys Leu Gln Ala Cys Ala Ser Trp Ala
1 5

<210> 30416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30416
Leu Gln Ala Cys Ala Ser Trp Ala Val
1 5

<210> 30417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30417
Cys Lys Leu Gln Ala Cys Ala Ser Trp
1 5

<210> 30418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30418
Ser Trp Ala Val Thr Gly Thr Pro Ile
1 5

<210> 30419
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30419
Lys Leu Gln Ala Cys Ala Ser Trp Ala Val
1 5 10

<210> 30420
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30420
Leu Gln Ala Cys Ala Ser Trp Ala Val Thr
1 5 10

<210> 30421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30421
Ala Ser Trp Ala Val Thr Gly Thr Pro Ile
1 5 10

<210> 30422
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30422
Ser Leu Asn Leu His His Leu Ala Leu
1 5

<210> 30423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30423
Gly Ile Ser Leu Asn Leu His His Leu
1 5

<210> 30424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30424
Leu His His Leu Ala Leu His Pro His
1 5

<210> 30425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30425
Gly Ile Ser Leu Asn Leu His His Leu Ala
1 5 10

<210> 30426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30426
Ile Ser Leu Asn Leu His His Leu Ala Leu
1 5 10

<210> 30427
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30427
Ala Ala Lys Ala Glu Ala Glu Ala Lys
1 5

<210> 30428
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30428
Glu Ala Lys Ala Thr Ala Glu Thr Val
1 5

<210> 30429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30429
Ala Glu Ala Glu Ala Lys Ala Thr Ala
1 5

<210> 30430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30430
Ala Lys Ala Thr Ala Glu Thr Val Ala
1 5

<210> 30431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30431
Ala Glu Ala Lys Ala Thr Ala Glu Thr
1 5

<210> 30432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30432
Ala Ala Ala Lys Ala Glu Ala Glu Ala Lys
1 5 10

<210> 30433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30433
Ala Glu Ala Lys Ala Thr Ala Glu Thr Val
1 5 10

<210> 30434
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30434
Thr Val Leu Pro His Ile Trp Lys Val
1 5

<210> 30435
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30435
Ser Ile Arg Thr Val Leu Pro His Ile
1 5

<210> 30436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30436
Arg Thr Val Leu Pro His Ile Trp Lys
1 5

<210> 30437
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30437
Thr Ser Ile Arg Thr Val Leu Pro His
1 5

<210> 30438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30438
Lys Thr Ser Ile Arg Thr Val Leu Pro His
1 5 10

<210> 30439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30439
Arg Thr Val Leu Pro His Ile Trp Lys Val
1 5 10

<210> 30440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30440
Thr Ser Ile Arg Thr Val Leu Pro His Ile
1 5 10

<210> 30441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30441
Ser Ile Arg Thr Val Leu Pro His Ile Trp
1 5 10

<210> 30442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30442
Leu Pro His Ile Trp Lys Val Pro Asp Val
1 5 10

<210> 30443
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30443
Leu Gln Leu Gly Phe Leu Ala Ile Ile
1 5

<210> 30444
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30444
Glu Leu Gln Leu Gly Phe Leu Ala Ile
1 5

<210> 30445
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30445

Val Asn Gly Glu Leu Gln Leu Gly Phe
1 5

<210> 30446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30446
Gly Glu Leu Gln Leu Gly Phe Leu Ala
1 5

<210> 30447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30447
Arg Val Asn Gly Glu Leu Gln Leu Gly Phe
1 5 10

<210> 30448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30448
Gly Glu Leu Gln Leu Gly Phe Leu Ala Ile
1 5 10

<210> 30449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30449
Ala Ile Tyr Pro Ala Pro Pro Gly Leu
1 5

<210> 30450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30450
Gly Leu His Gly Arg Gly Gly Ala Leu
1 5

<210> 30451
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30451
His Gly Arg Gly Gly Ala Leu Gln Leu
1 5

<210> 30452
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30452
Leu Gln Leu His Pro Asp His Pro His
1 5

<210> 30453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30453
Phe Ala Ile Tyr Pro Ala Pro Pro Gly Leu
1 5 10

<210> 30454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30454
Ala Ile Tyr Pro Ala Pro Pro Gly Leu His
1 5 10

<210> 30455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30455
Leu Glu Phe Ala Ile Tyr Pro Ala Pro Pro
1 5 10

<210> 30456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30456
Leu His Gly Arg Gly Gly Ala Leu Gln Leu
1 5 10

<210> 30457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30457
Leu Gln Phe Asp Gly Ala Leu Asn Val
1 5

<210> 30458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30458
Ser Ser Ile Thr Ala Ser Leu Gln Phe
1 5

<210> 30459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30459
Ala Ser Leu Gln Phe Asp Gly Ala Leu
1 5

<210> 30460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30460
Ser Leu Gln Phe Asp Gly Ala Leu Asn Val
1 5 10

<210> 30461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30461
Ile Thr Ala Ser Leu Gln Phe Asp Gly Ala
1 5 10

<210> 30462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30462
Val Ser Ser Ile Thr Ala Ser Leu Gln Phe

1 5 10

<210> 30463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30463
Leu Gln Phe Asp Gly Ala Leu Asn Val Asp
1 5 10

<210> 30464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30464
Ala Ser Gly Gly Arg Tyr Met Pro Arg
1 5

<210> 30465
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30465
Arg Tyr Met Pro Arg Ala Val Leu Val
1 5

<210> 30466
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30466
Gly Gly Arg Tyr Met Pro Arg Ala Val
1 5

<210> 30467

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30467
Met Pro Arg Ala Val Leu Val Asp Leu
1 5

<210> 30468
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30468
His Glu Ala Ser Gly Gly Arg Tyr Met
1 5

<210> 30469
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30469
Gly Arg Tyr Met Pro Arg Ala Val Leu
1 5

<210> 30470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30470
Tyr Met Pro Arg Ala Val Leu Val Asp Leu
1 5 10

<210> 30471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30471
Glu Ala Ser Gly Gly Arg Tyr Met Pro Arg
1 5 10

<210> 30472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30472
His His Glu Ala Ser Gly Gly Arg Tyr Met
1 5 10

<210> 30473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30473
Met Asp Ser Val His Ser Gly Pro Phe
1 5

<210> 30474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30474
His Ser Gly Pro Phe Gly Gln Val Leu
1 5

<210> 30475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30475
Ser Val His Ser Gly Pro Phe Gly Gln Val
1 5 10

<210> 30476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30476
His Ser Gly Pro Phe Gly Gln Val Leu Arg
1 5 10

<210> 30477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30477
Thr Met Asp Ser Val His Ser Gly Pro Phe
1 5 10

<210> 30478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30478
Val His Ser Gly Pro Phe Gly Gln Val Leu
1 5 10

<210> 30479
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30479
His Leu Tyr Arg Ser Ser Asp Val Leu
1 5

<210> 30480
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30480
Arg Ser Ser Asp Val Leu Leu Leu His
1 5

<210> 30481
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30481
Leu Tyr Arg Ser Ser Asp Val Leu Leu
1 5

<210> 30482
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30482
Tyr Arg Ser Ser Asp Val Leu Leu Leu
1 5

<210> 30483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30483
His Leu Tyr Arg Ser Ser Asp Val Leu Leu
1 5 10

<210> 30484
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30484
Val Leu Leu Leu His Glu Asn Asp Ala Ile
1 5 10

<210> 30485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30485
Leu Tyr Arg Ser Ser Asp Val Leu Leu Leu
1 5 10

<210> 30486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30486
Ser His Leu Tyr Arg Ser Ser Asp Val Leu
1 5 10

<210> 30487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30487
Thr Thr Ile Gln Glu Leu Lys Glu Lys
1 5

<210> 30488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30488
Ser Lys Asp Thr Thr Ile Gln Glu Leu
1 5

<210> 30489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30489
Ala Val Ile Gln Ser Lys Asp Thr Thr Ile
1 5 10

<210> 30490
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30490
Ile Ile Lys Val Tyr Phe Lys Gly Arg
1 5

<210> 30491
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30491
Lys Val Tyr Phe Lys Gly Arg Ser Gly
1 5

<210> 30492
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30492
Tyr Phe Lys Gly Arg Ser Gly Asp Lys
1 5

<210> 30493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30493
Phe Lys Gly Arg Ser Gly Asp Lys Met
1 5

<210> 30494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30494
His Glu Glu Ile Ile Lys Val Tyr Phe
1 5

<210> 30495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30495
Val Tyr Phe Lys Gly Arg Ser Gly Asp Lys
1 5 10

<210> 30496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30496
Glu Ile Ile Lys Val Tyr Phe Lys Gly Arg
1 5 10

<210> 30497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30497
Ser Ser Gly Tyr Gln Ser Asp Gln Lys
1 5

<210> 30498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30498
Phe Ile Met Tyr Ala Thr Ile Gln Thr
1 5

<210> 30499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30499
Ile Gln Thr Glu Ser Ile Arg Trp Leu
1 5

<210> 30500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30500
Gln Thr Glu Ser Ile Arg Trp Leu Ile
1 5

<210> 30501
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30501
Tyr Ala Thr Ile Gln Thr Glu Ser Ile
1 5

<210> 30502
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30502
Ile Met Tyr Ala Thr Ile Gln Thr Glu
1 5

<210> 30503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30503
Ile Gln Thr Glu Ser Ile Arg Trp Leu Ile
1 5 10

<210> 30504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30504
Ile Met Tyr Ala Thr Ile Gln Thr Glu Ser
1 5 10

<210> 30505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30505
Met Tyr Ala Thr Ile Gln Thr Glu Ser Ile
1 5 10

<210> 30506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30506
Gly Ile Val Pro Leu Cys Tyr Val Lys
1 5

<210> 30507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30507
Ile Val Pro Leu Cys Tyr Val Lys Phe
1 5

<210> 30508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30508
Asp Gly Ile Val Pro Leu Cys Tyr Val
1 5

<210> 30509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30509

Lys Glu Asp Gly Ile Val Pro Leu Cys Tyr
1 5 10

<210> 30510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30510
Gly Ile Val Pro Leu Cys Tyr Val Lys Phe
1 5 10

<210> 30511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30511
Thr Val Ser Glu Thr Gln Trp Lys Val
1 5

<210> 30512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30512
Glu Ser Met Thr Leu Leu Phe Glu Val
1 5

<210> 30513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30513
Thr Leu Leu Phe Glu Val Phe Thr Ile
1 5

<210> 30514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30514
Ser Thr Val Ser Glu Thr Gln Trp Lys
1 5

<210> 30515
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30515
Ser Met Thr Leu Leu Phe Glu Val Phe
1 5

<210> 30516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30516
Glu Val Phe Thr Ile Trp Leu Ile Tyr
1 5

<210> 30517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30517
Gln Trp Lys Val Thr Val Thr Pro Arg
1 5

<210> 30518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30518
Met Thr Leu Leu Phe Glu Val Phe Thr
1 5

<210> 30519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30519
Thr Pro Arg Glu Ser Met Thr Leu Leu
1 5

<210> 30520
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30520
Ser Glu Thr Gln Trp Lys Val Thr Val
1 5

<210> 30521
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30521
Thr Gln Trp Lys Val Thr Val Thr Pro
1 5

<210> 30522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30522
Leu Leu Phe Glu Val Phe Thr Ile Trp
1 5

<210> 30523
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30523
Phe Glu Val Phe Thr Ile Trp Leu Ile
1 5

<210> 30524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30524
Met Thr Leu Leu Phe Glu Val Phe Thr Ile
1 5 10

<210> 30525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30525
Leu Leu Phe Glu Val Phe Thr Ile Trp Leu
1 5 10

<210> 30526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30526
Ser Thr Val Ser Glu Thr Gln Trp Lys Val

1 5 10

<210> 30527
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30527
Thr Gln Trp Lys Val Thr Val Thr Pro Arg
1 5 10

<210> 30528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30528
Glu Ser Met Thr Leu Leu Phe Glu Val Phe
1 5 10

<210> 30529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30529
Thr Leu Leu Phe Glu Val Phe Thr Ile Trp
1 5 10

<210> 30530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30530
Leu Phe Glu Val Phe Thr Ile Trp Leu Ile
1 5 10

<210> 30531

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30531
Lys Val Thr Val Thr Pro Arg Glu Ser Met
1 5 10

<210> 30532
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30532
Glu Val Phe Thr Ile Trp Leu Ile Tyr Ser
1 5 10

<210> 30533
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30533
Thr Pro Arg Glu Ser Met Thr Leu Leu Phe
1 5 10

<210> 30534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30534
Arg Glu Ser Met Thr Leu Leu Phe Glu Val
1 5 10

<210> 30535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30535
Phe Glu Val Phe Thr Ile Trp Leu Ile Tyr
1 5 10

<210> 30536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30536
Ser Glu Thr Gln Trp Lys Val Thr Val Thr
1 5 10

<210> 30537
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30537
Thr Pro Pro Phe Tyr Ser Asn Ser Thr Val
1 5 10

<210> 30538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30538
Tyr Arg Leu His Asn Lys Pro Thr Phe
1 5

<210> 30539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30539
Cys Tyr Arg Leu His Asn Lys Pro Thr Phe
1 5 10

<210> 30540
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30540
Gly Asp Arg Cys Tyr Arg Leu His Asn Lys
1 5 10

<210> 30541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30541
Gly Ala Cys Arg His Gly Asp Arg Cys Tyr
1 5 10

<210> 30542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30542
Phe Arg Leu His Asn Lys Pro Thr Phe
1 5

<210> 30543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30543
Cys Phe Arg Leu His Asn Lys Pro Thr Phe
1 5 10

<210> 30544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30544
Ala Cys Arg His Gly Asp Arg Cys Phe Arg
1 5 10

<210> 30545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30545
Gly Asp Arg Cys Phe Arg Leu His Asn Lys
1 5 10

<210> 30546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30546
Gly Ala Cys Arg His Gly Asp Arg Cys Phe
1 5 10

<210> 30547
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30547
Ser Leu His Phe Pro Phe Asn Lys Val
1 5

<210> 30548
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30548
His Leu Val Leu Arg Leu Arg Gly Val
1 5

<210> 30549
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30549
Leu Leu Arg Phe Gln Gln Ile Ser Leu
1 5

<210> 30550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30550
Val Leu Arg Leu Arg Gly Val Ser Lys
1 5

<210> 30551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30551
Gly Val Ser Lys Phe Pro Leu Leu Arg
1 5

<210> 30552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30552
Ile Ser Leu His Phe Pro Phe Asn Lys
1 5

<210> 30553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30553
Arg Phe Gln Gln Ile Ser Leu His Phe
1 5

<210> 30554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30554
Gln Gln Ile Ser Leu His Phe Pro Phe
1 5

<210> 30555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30555
Arg Leu Arg Gly Val Ser Lys Phe Pro
1 5

<210> 30556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30556
Arg Gly Val Ser Lys Phe Pro Leu Leu
1 5

<210> 30557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30557
Phe Pro Leu Leu Arg Phe Gln Gln Ile
1 5

<210> 30558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30558
Phe Pro Phe Asn Lys Val Val Ala Phe
1 5

<210> 30559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30559
Leu Arg Leu Arg Gly Val Ser Lys Phe
1 5

<210> 30560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30560
Leu Arg Gly Val Ser Lys Phe Pro Leu
1 5

<210> 30561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30561
Val Ser Lys Phe Pro Leu Leu Arg Phe
1 5

<210> 30562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30562
Leu His Phe Pro Phe Asn Lys Val Val
1 5

<210> 30563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30563
Arg Leu Arg Gly Val Ser Lys Phe Pro Leu
1 5 10

<210> 30564
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30564
Ser Leu His Phe Pro Phe Asn Lys Val Val
1 5 10

<210> 30565
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30565
Leu Val Leu Arg Leu Arg Gly Val Ser Lys
1 5 10

<210> 30566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30566
Gln Ile Ser Leu His Phe Pro Phe Asn Lys
1 5 10

<210> 30567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30567
Lys Phe Pro Leu Leu Arg Phe Gln Gln Ile
1 5 10

<210> 30568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30568
Phe Gln Gln Ile Ser Leu His Phe Pro Phe
1 5 10

<210> 30569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30569
His Phe Pro Phe Asn Lys Val Val Ala Phe
1 5 10

<210> 30570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30570
Arg Gly Val Ser Lys Phe Pro Leu Leu Arg
1 5 10

<210> 30571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30571
Ile Ser Leu His Phe Pro Phe Asn Lys Val
1 5 10

<210> 30572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30572
Val Leu Arg Leu Arg Gly Val Ser Lys Phe
1 5 10

<210> 30573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30573

Gly Val Ser Lys Phe Pro Leu Leu Arg Phe
1 5 10

<210> 30574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30574
Leu Arg Phe Gln Gln Ile Ser Leu His Phe
1 5 10

<210> 30575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30575
Leu His Phe Pro Phe Asn Lys Val Val Ala
1 5 10

<210> 30576
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30576
Phe Pro Leu Leu Arg Phe Gln Gln Ile Ser
1 5 10

<210> 30577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30577
Thr Ser Arg Gly Ser Ser Leu Gln Ala
1 5

<210> 30578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30578
Pro Pro Thr Ser Arg Gly Ser Ser Leu
1 5

<210> 30579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30579
Ile Pro Pro Thr Ser Arg Gly Ser Ser Leu
1 5 10

<210> 30580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30580
Ile Gln Asp Lys Glu Gly Ile Pro Pro Thr
1 5 10

<210> 30581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30581
Val Pro Asp Trp Glu Thr His Leu Val
1 5

<210> 30582
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30582
Val Val Pro Asp Trp Glu Thr His Leu Val
1 5 10

<210> 30583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30583
Asp Val Val Pro Asp Trp Glu Thr His Leu
1 5 10

<210> 30584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30584
Trp Glu Thr His Leu Val Gln Asn Gly Ile
1 5 10

<210> 30585
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30585
Leu Pro Leu Pro Asp Val Val Pro Asp Trp
1 5 10

<210> 30586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30586
Asn Ser Ile Ile Tyr Asp Leu Gln Tyr
1 5

<210> 30587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30587
Ser Ile Ile Tyr Asp Leu Gln Tyr Leu
1 5

<210> 30588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30588
Thr Ile Asn Ser Ile Ile Tyr Asp Leu
1 5

<210> 30589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30589
Ile Ile Tyr Asp Leu Gln Tyr Leu Phe
1 5

<210> 30590
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30590
Ile Tyr Asp Leu Gln Tyr Leu Phe Leu

1 5

<210> 30591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30591
Ile Ile Tyr Asp Leu Gln Tyr Leu Phe Leu
1 5 10

<210> 30592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30592
Ser Ile Ile Tyr Asp Leu Gln Tyr Leu Phe
1 5 10

<210> 30593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30593
Ile Asn Ser Ile Ile Tyr Asp Leu Gln Tyr
1 5 10

<210> 30594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30594
Leu Thr Ile Asn Ser Ile Ile Tyr Asp Leu
1 5 10

<210> 30595

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30595
Asn Ser Ile Ile Tyr Asp Leu Gln Tyr Leu
1 5 10

<210> 30596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30596
Glu Ile Ile Ser Leu Asp Ile Leu Lys
1 5

<210> 30597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30597
His Pro Asn Val Asp Lys Leu Glu Ile
1 5

<210> 30598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30598
Leu Glu Ile Ile Ser Leu Asp Ile Leu
1 5

<210> 30599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30599
His Pro Asn Val Asp Lys Leu Glu Ile Ile
1 5 10

<210> 30600
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30600
Ser Met Thr Gln Leu Val Arg Arg Ala
1 5

<210> 30601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30601
Thr Gln Leu Val Arg Arg Ala Pro Arg
1 5

<210> 30602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30602
Leu Val Arg Arg Ala Pro Arg Gly Leu
1 5

<210> 30603
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30603
Met Thr Gln Leu Val Arg Arg Ala Pro Arg
1 5 10

<210> 30604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30604
Gly Thr Gly Asn Leu Val Asn Thr Tyr
1 5

<210> 30605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30605
Ala Val His Gly Thr Gly Asn Leu Val
1 5

<210> 30606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30606
Thr Gly Asn Leu Val Asn Thr Tyr Tyr
1 5

<210> 30607
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30607
Gly Thr Gly Asn Leu Val Asn Thr Tyr Tyr
1 5 10

<210> 30608
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30608
Val Leu Ala Val His Gly Thr Gly Asn Leu
1 5 10

<210> 30609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30609
His Gly Thr Gly Asn Leu Val Asn Thr Tyr
1 5 10

<210> 30610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30610
Leu Ala Val His Gly Thr Gly Asn Leu Val
1 5 10

<210> 30611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30611
His Met Asp Cys Leu Thr Gly Pro Leu
1 5

<210> 30612
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30612
Leu Thr Gly Pro Leu Ser His Glu Gln Lys
1 5 10

<210> 30613
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30613
Thr His Met Asp Cys Leu Thr Gly Pro Leu
1 5 10

<210> 30614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30614
Gly Leu Leu Cys Pro Ala Leu His Leu
1 5

<210> 30615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30615
Leu Leu Cys Pro Ala Leu His Leu Val
1 5

<210> 30616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30616
Ala Leu His Leu Val Lys Pro Arg Val
1 5

<210> 30617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30617
Ala Leu Val Ala Pro Arg Gly Leu Leu
1 5

<210> 30618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30618
Val Leu His Gln Asn Leu Asp Pro Thr
1 5

<210> 30619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30619
Met Leu His Ser Cys Arg Ile Gln Lys
1 5

<210> 30620
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30620
Ser Ser Ser Phe Ser Lys Trp Cys Arg
1 5

<210> 30621
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30621
Ser Phe Ser Lys Trp Cys Arg Pro Trp
1 5

<210> 30622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30622
Ala Pro Arg Gly Leu Leu Cys Pro Ala
1 5

<210> 30623
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30623
Lys Pro Arg Val Leu His Gln Asn Leu
1 5

<210> 30624
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30624
Glu Gln Met Leu His Ser Cys Arg Ile
1 5

<210> 30625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30625
Asn Leu Asp Pro Thr Ser Ser Ser Phe
1 5

<210> 30626
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30626
Trp Cys Arg Pro Trp Leu Glu Gln Met
1 5

<210> 30627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30627
Gln Lys Ser Asp Phe Ser Asn Asn Trp
1 5

<210> 30628
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30628
Asn Asn Trp Asn Ser Ser Thr Gln Trp
1 5

<210> 30629
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30629
Ala Pro Leu Ala Pro Pro Ala Leu Val
1 5

<210> 30630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30630
Gly Leu Leu Cys Pro Ala Leu His Leu Val
1 5 10

<210> 30631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30631
Leu Leu Cys Pro Ala Leu His Leu Val Lys
1 5 10

<210> 30632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30632
Gln Met Leu His Ser Cys Arg Ile Gln Lys
1 5 10

<210> 30633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30633
Thr Ser Ser Ser Phe Ser Lys Trp Cys Arg
1 5 10

<210> 30634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30634
Ser Phe Ser Lys Trp Cys Arg Pro Trp Leu
1 5 10

<210> 30635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30635
Lys Trp Cys Arg Pro Trp Leu Glu Gln Met
1 5 10

<210> 30636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30636
Leu Ala Pro Pro Ala Leu Val Ala Pro Arg
1 5 10

<210> 30637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30637

Gly Pro Ala Ala Pro Leu Ala Pro Pro Ala
1 5 10

<210> 30638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30638
Ala Pro Leu Ala Pro Pro Ala Leu Val Ala
1 5 10

<210> 30639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30639
Ala Pro Arg Gly Leu Leu Cys Pro Ala Leu
1 5 10

<210> 30640
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30640
Ile Gln Lys Ser Asp Phe Ser Asn Asn Trp
1 5 10

<210> 30641
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30641
Arg Gly Leu Leu Cys Pro Ala Leu His Leu
1 5 10

<210> 30642
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30642
His Gln Asn Leu Asp Pro Thr Ser Ser Ser
1 5 10

<210> 30643
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30643
Gln Asn Leu Asp Pro Thr Ser Ser Ser Phe
1 5 10

<210> 30644
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30644
Ser Ser Phe Ser Lys Trp Cys Arg Pro Trp
1 5 10

<210> 30645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30645
Leu Glu Gln Met Leu His Ser Cys Arg Ile
1 5 10

<210> 30646
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30646
His Ser Cys Arg Ile Gln Lys Ser Asp Phe
1 5 10

<210> 30647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30647
Ser Asn Asn Trp Asn Ser Ser Thr Gln Trp
1 5 10

<210> 30648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30648
Asp Pro Thr Ser Ser Ser Phe Ser Lys Trp
1 5 10

<210> 30649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30649
Trp Glu Glu Val Gly Ala Cys Ile Phe
1 5

<210> 30650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30650
Gln Glu Ile Val Asn Trp Glu Glu Val
1 5

<210> 30651
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30651
Trp Glu Glu Val Gly Ala Cys Ile Phe His
1 5 10

<210> 30652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30652
Leu Met Gln Met Thr Arg Pro Trp Leu
1 5

<210> 30653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30653
Thr Ser His Leu Met Gln Met Thr Arg
1 5

<210> 30654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30654
Cys Trp Thr Ser His Leu Met Gln Met

1 5

<210> 30655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30655
Phe Pro Pro Cys Trp Thr Ser His Leu
1 5

<210> 30656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30656
His Leu Met Gln Met Thr Arg Pro Trp
1 5

<210> 30657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30657
Ala Glu Gly Phe Pro Pro Cys Trp Thr
1 5

<210> 30658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30658
His Leu Met Gln Met Thr Arg Pro Trp Leu
1 5 10

<210> 30659

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30659
Trp Thr Ser His Leu Met Gln Met Thr Arg
1 5 10

<210> 30660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30660
Gly Phe Pro Pro Cys Trp Thr Ser His Leu
1 5 10

<210> 30661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30661
Phe Pro Pro Cys Trp Thr Ser His Leu Met
1 5 10

<210> 30662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30662
Ser His Leu Met Gln Met Thr Arg Pro Trp
1 5 10

<210> 30663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30663
Ala Glu Gly Phe Pro Pro Cys Trp Thr Ser
1 5 10

<210> 30664
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30664
Lys Asn Ser Pro Cys Cys Gln Lys Lys
1 5

<210> 30665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30665
Lys Leu Arg Val Gln Asn Gln Gly His
1 5

<210> 30666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30666
Arg Val Gln Asn Gln Gly His Leu Leu
1 5

<210> 30667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30667
Val Gln Asn Gln Gly His Leu Leu Met
1 5

<210> 30668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30668
Leu Arg Val Gln Asn Gln Gly His Leu
1 5

<210> 30669
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30669
Asn Gln Gly His Leu Leu Met Ile Leu
1 5

<210> 30670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30670
Met Gln Asn Arg Gln Lys Lys Lys Gly Lys
1 5 10

<210> 30671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30671
Lys Gly Lys Asn Ser Pro Cys Cys Gln Lys
1 5 10

<210> 30672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30672
Lys Leu Arg Val Gln Asn Gln Gly His Leu
1 5 10

<210> 30673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30673
Arg Val Gln Asn Gln Gly His Leu Leu Met
1 5 10

<210> 30674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30674
Leu Arg Val Gln Asn Gln Gly His Leu Leu
1 5 10

<210> 30675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30675
Val Gln Asn Gln Gly His Leu Leu Met Ile
1 5 10

<210> 30676
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30676
Asn Gln Gly His Leu Leu Met Ile Leu Leu
1 5 10

<210> 30677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30677
Gly Phe Tyr Thr Pro Ser Pro Gly Lys
1 5

<210> 30678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30678
Arg Gly Phe Tyr Thr Pro Ser Pro Gly
1 5

<210> 30679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30679
Arg Gly Phe Tyr Thr Pro Ser Pro Gly Lys
1 5 10

<210> 30680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30680
Ser Pro Gly Lys Asn Thr Glu Ala Arg Leu
1 5 10

<210> 30681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30681
Lys Lys Cys Val Arg Ser Glu Ser Leu
1 5

<210> 30682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30682
Asn Ile His Asn Leu Gly Ala Thr Val
1 5

<210> 30683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30683
Ile Phe Val Ser Asn Ile His Asn Leu
1 5

<210> 30684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30684
Tyr Ile Phe Val Ser Asn Ile His Asn Leu
1 5 10

<210> 30685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30685
Phe Val Ser Asn Ile His Asn Leu Gly Ala
1 5 10

<210> 30686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30686
His Asn Leu Gly Ala Thr Val Asp Leu Tyr
1 5 10

<210> 30687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30687
Lys Glu Tyr Ile Phe Val Ser Asn Ile His
1 5 10

<210> 30688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30688
Ala Arg Ala Gly Trp Thr Ser Pro Ile
1 5

<210> 30689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30689
Ala Gly Trp Thr Ser Pro Ile Pro Leu
1 5

<210> 30690
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30690
Met Ala Arg Ala Gly Trp Thr Ser Pro Ile
1 5 10

<210> 30691
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30691
Arg Ala Gly Trp Thr Ser Pro Ile Pro Leu
1 5 10

<210> 30692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30692
Leu Leu Gln Pro Phe Gly Asp Ser Ile
1 5

<210> 30693
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30693
Asp Phe Val Leu Thr Trp Leu Glu Ile
1 5

<210> 30694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30694
Thr Trp Leu Glu Ile Asp His Leu Leu
1 5

<210> 30695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30695
Leu Glu Ile Asp His Leu Leu Gln Pro
1 5

<210> 30696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30696
Val Leu Thr Trp Leu Glu Ile Asp His Leu
1 5 10

<210> 30697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30697
His Leu Leu Gln Pro Phe Gly Asp Ser Ile
1 5 10

<210> 30698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30698
Leu Glu Ile Asp His Leu Leu Gln Pro Phe
1 5 10

<210> 30699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30699
Lys Asp Phe Val Leu Thr Trp Leu Glu Ile
1 5 10

<210> 30700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30700
Gln Pro Phe Gly Asp Ser Ile Arg Arg Trp
1 5 10

<210> 30701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30701

Lys Glu Asn Ile Met Lys Leu Ser Ile
1 5

<210> 30702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30702
Ile Met Lys Leu Ser Ile Ile Gln His
1 5

<210> 30703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30703
Tyr Lys Glu Asn Ile Met Lys Leu Ser Ile
1 5 10

<210> 30704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30704
Lys Glu Asn Ile Met Lys Leu Ser Ile Ile
1 5 10

<210> 30705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30705
His Cys Lys Pro Ala Lys Pro Leu His Lys
1 5 10

<210> 30706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30706
Lys Pro Ala Lys Pro Leu His Lys Glu Met
1 5 10

<210> 30707
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30707
Arg Val Lys Asn Ile Ile Tyr Val Leu
1 5

<210> 30708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30708
Thr Phe Met Glu Arg Val Lys Asn Ile
1 5

<210> 30709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30709
Lys Asn Ile Ile Tyr Val Leu Tyr Phe
1 5

<210> 30710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30710
Ile Ile Tyr Val Leu Tyr Phe Asp Phe
1 5

<210> 30711
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30711
Val Lys Asn Ile Ile Tyr Val Leu Tyr
1 5

<210> 30712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30712
Met Glu Arg Val Lys Asn Ile Ile Tyr
1 5

<210> 30713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30713
Phe Met Glu Arg Val Lys Asn Ile Ile
1 5

<210> 30714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30714
Phe Met Glu Arg Val Lys Asn Ile Ile Tyr
1 5 10

<210> 30715
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30715
Arg Val Lys Asn Ile Ile Tyr Val Leu Tyr
1 5 10

<210> 30716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30716
Thr Phe Met Glu Arg Val Lys Asn Ile Ile
1 5 10

<210> 30717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30717
Asn Ile Ile Tyr Val Leu Tyr Phe Asp Phe
1 5 10

<210> 30718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30718
Ile Ile Tyr Val Leu Tyr Phe Asp Phe Trp

1 5 10

<210> 30719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30719
Met Thr Phe Met Glu Arg Val Lys Asn Ile
1 5 10

<210> 30720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30720
Met Glu Arg Val Lys Asn Ile Ile Tyr Val
1 5 10

<210> 30721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30721
Val Lys Asn Ile Ile Tyr Val Leu Tyr Phe
1 5 10

<210> 30722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30722
Lys Leu Phe Asp Ile Leu Asp His Tyr
1 5

<210> 30723

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30723
Phe Ser Gly Arg Leu Thr Ala Ile Lys
1 5

<210> 30724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30724
Ser Gly Arg Leu Thr Ala Ile Lys Leu
1 5

<210> 30725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30725
Thr Ala Ile Lys Leu Phe Asp Ile Leu
1 5

<210> 30726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30726
Gly Arg Leu Thr Ala Ile Lys Leu Phe
1 5

<210> 30727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30727
Arg Leu Thr Ala Ile Lys Leu Phe Asp Ile
1 5 10

<210> 30728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30728
Lys Leu Phe Asp Ile Leu Asp His Tyr Thr
1 5 10

<210> 30729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30729
Ile Phe Ser Gly Arg Leu Thr Ala Ile Lys
1 5 10

<210> 30730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30730
Ser Gly Arg Leu Thr Ala Ile Lys Leu Phe
1 5 10

<210> 30731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30731
Ile Lys Leu Phe Asp Ile Leu Asp His Tyr
1 5 10

<210> 30732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30732
His Leu Gln Ala Pro Ser Pro Ser Leu
1 5

<210> 30733
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30733
Ser Leu Trp Pro Trp Asn Met Leu Cys
1 5

<210> 30734
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30734
Ile Gln His Leu Gln Ala Pro Ser Pro
1 5

<210> 30735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30735
Leu Gln Ala Pro Ser Pro Ser Leu Trp
1 5

<210> 30736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30736
Ala Pro Ser Pro Ser Leu Trp Pro Trp
1 5

<210> 30737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30737
Ser Pro Ser Leu Trp Pro Trp Asn Met
1 5

<210> 30738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30738
Thr Leu Lys Asp Asp Ile Pro Pro Ser Ile
1 5 10

<210> 30739
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30739
Ser Pro Ser Leu Trp Pro Trp Asn Met Leu
1 5 10

<210> 30740
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30740
Ile Gln His Leu Gln Ala Pro Ser Pro Ser
1 5 10

<210> 30741
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30741
Gln His Leu Gln Ala Pro Ser Pro Ser Leu
1 5 10

<210> 30742
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30742
His Leu Gln Ala Pro Ser Pro Ser Leu Trp
1 5 10

<210> 30743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30743
Ile Pro Pro Ser Ile Gln His Leu Gln Ala
1 5 10

<210> 30744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30744
Leu Val Ser Pro Ile Gly Gly Gly Leu
1 5

<210> 30745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30745
Ser Pro Ile Gly Gly Gly Leu Ser Ala
1 5

<210> 30746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30746
Cys Glu Gly Asp Leu Val Ser Pro Ile
1 5

<210> 30747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30747
Ser Pro Ile Gly Gly Gly Leu Ser Ala Ala
1 5 10

<210> 30748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30748
Arg Pro His Ala Pro Gly Gln Ala Asn
1 5

<210> 30749
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30749
Lys Leu Ala Met Leu Leu Val Thr Leu
1 5

<210> 30750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30750
Leu Ala Met Leu Leu Val Thr Leu Val
1 5

<210> 30751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30751
Ala Met Leu Leu Val Thr Leu Val Ala
1 5

<210> 30752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30752
Met Leu Leu Val Thr Leu Val Ala Ala
1 5

<210> 30753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30753
His Met Lys Ala Lys Leu Ala Met Leu
1 5

<210> 30754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30754
Lys Ala Lys Leu Ala Met Leu Leu Val
1 5

<210> 30755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30755
Leu His Met Lys Ala Lys Leu Ala Met
1 5

<210> 30756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30756
Met Lys Ala Lys Leu Ala Met Leu Leu
1 5

<210> 30757
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30757
Ala Lys Leu Ala Met Leu Leu Val Thr
1 5

<210> 30758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30758
Lys Leu Ala Met Leu Leu Val Thr Leu Val
1 5 10

<210> 30759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30759
Ala Met Leu Leu Val Thr Leu Val Ala Ala
1 5 10

<210> 30760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30760
Met Leu Leu Val Thr Leu Val Ala Ala Ala
1 5 10

<210> 30761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30761
His Met Lys Ala Lys Leu Ala Met Leu Leu
1 5 10

<210> 30762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30762
Lys Ala Lys Leu Ala Met Leu Leu Val Thr
1 5 10

<210> 30763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30763
Ser Leu His Met Lys Ala Lys Leu Ala Met
1 5 10

<210> 30764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30764
Leu His Met Lys Ala Lys Leu Ala Met Leu
1 5 10

<210> 30765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30765

Met Lys Ala Lys Leu Ala Met Leu Leu Val
1 5 10

<210> 30766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30766
Ala Lys Leu Ala Met Leu Leu Val Thr Leu
1 5 10

<210> 30767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30767
Leu Ala Met Leu Leu Val Thr Leu Val Ala
1 5 10

<210> 30768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30768
Ser Leu Leu Val Ala Leu Pro Pro Val
1 5

<210> 30769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30769
Ala Leu Pro Pro Val Thr Ser Gln Glu Ala
1 5 10

<210> 30770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30770
Glu Ser Leu Leu Val Ala Leu Pro Pro Val
1 5 10

<210> 30771
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30771
Leu Pro Pro Val Thr Ser Gln Glu Ala Met
1 5 10

<210> 30772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30772
Tyr Thr Ser Val Asn Arg Gly Pro Ala
1 5

<210> 30773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30773
Ser Val Ala Ala Arg Ser Gly Pro Phe
1 5

<210> 30774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30774
Ala Arg Ser Gly Pro Phe Ala Pro Val
1 5

<210> 30775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30775
Ser Val Ala Ala Arg Ser Gly Pro Phe Ala
1 5 10

<210> 30776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30776
Ala Ala Arg Ser Gly Pro Phe Ala Pro Val
1 5 10

<210> 30777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30777
Leu Ser Val Ala Ala Arg Ser Gly Pro Phe
1 5 10

<210> 30778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30778
Ala Arg Ser Gly Pro Phe Ala Pro Val Leu
1 5 10

<210> 30779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30779
Val Lys Val Pro Asp Phe Ser Glu Tyr
1 5

<210> 30780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30780
Ser Val Cys Tyr Ser His Thr Asp Val Lys
1 5 10

<210> 30781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30781
Asp Val Lys Val Pro Asp Phe Ser Glu Tyr
1 5 10

<210> 30782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30782
Ser His Thr Asp Val Lys Val Pro Asp Phe

1 5 10

<210> 30783
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30783
His Val Trp Ala Ala Val Cys His Arg
1 5

<210> 30784
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30784
Arg Leu Pro Ala Gly Pro Glu Ala Phe
1 5

<210> 30785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30785
His Ala Arg Pro Leu Gly His Arg Ala
1 5

<210> 30786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30786
Ala Ala Arg Pro Thr Gly Glu Thr Val
1 5

<210> 30787

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30787
Arg Ser Ser Arg Gly Leu His Ala Ala
1 5

<210> 30788
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30788
Ser Ser Arg Gly Leu His Ala Ala His
1 5

<210> 30789
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30789
Ala Val Cys His Arg Glu Glu Leu Arg
1 5

<210> 30790
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30790
Glu Ala Phe Cys Pro Leu Pro Arg Leu
1 5

<210> 30791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30791
Glu Thr Val Lys Ala Gly Gly Ser Val
1 5

<210> 30792
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30792
Gln Val His Thr Pro Gln His His Val
1 5

<210> 30793
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30793
His Thr Pro Gln His His Val Trp Ala
1 5

<210> 30794
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30794
Leu Pro Arg Leu Gly Leu Gly Ala Ala
1 5

<210> 30795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30795
Arg Pro Leu Gly His Arg Ala Pro Glu
1 5

<210> 30796
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30796
Ala Pro Glu Gly Ala Ala Arg Pro Thr
1 5

<210> 30797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30797
Thr Pro Gln His His Val Trp Ala Ala
1 5

<210> 30798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30798
Arg Ala Ala Ser Gly Ala Asn Arg Trp
1 5

<210> 30799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30799
Ala Glu His Ala Arg Pro Leu Gly His
1 5

<210> 30800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30800
Arg Gly Ala Arg His Gly Gln Val His
1 5

<210> 30801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30801
Gly Gln Val His Thr Pro Gln His His
1 5

<210> 30802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30802
Glu Glu Leu Arg Ser Ser Arg Gly Leu
1 5

<210> 30803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30803
Gly Gln Val His Thr Pro Gln His His Val
1 5 10

<210> 30804
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30804
Ala Gly Arg Leu Pro Ala Gly Pro Glu Ala
1 5 10

<210> 30805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30805
Ala Ala Arg Pro Thr Gly Glu Thr Val Lys
1 5 10

<210> 30806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30806
Thr Val Lys Ala Gly Gly Ser Val Asn Arg
1 5 10

<210> 30807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30807
Arg Ser Ser Arg Gly Leu His Ala Ala His
1 5 10

<210> 30808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30808
Ser Ser Arg Gly Leu His Ala Ala His His
1 5 10

<210> 30809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30809
His Thr Pro Gln His His Val Trp Ala Ala
1 5 10

<210> 30810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30810
Leu Pro Arg Leu Gly Leu Gly Ala Ala Ala
1 5 10

<210> 30811
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30811
Arg Pro Leu Gly His Arg Ala Pro Glu Gly
1 5 10

<210> 30812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30812
Thr Pro Gln His His Val Trp Ala Ala Val
1 5 10

<210> 30813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30813
Glu Leu Arg Ser Ser Arg Gly Leu His Ala
1 5 10

<210> 30814
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30814
Gly Arg Leu Pro Ala Gly Pro Glu Ala Phe
1 5 10

<210> 30815
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30815
Trp Glu His Ala Glu His Ala Arg Pro Leu
1 5 10

<210> 30816
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30816
Gln Val His Thr Pro Gln His His Val Trp
1 5 10

<210> 30817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30817
Trp Ala Ala Val Cys His Arg Glu Glu Leu
1 5 10

<210> 30818
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30818
Arg Glu Glu Leu Arg Ser Ser Arg Gly Leu
1 5 10

<210> 30819
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30819
Leu Arg Ser Ser Arg Gly Leu His Ala Ala
1 5 10

<210> 30820
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30820
Pro Glu Ala Phe Cys Pro Leu Pro Arg Leu
1 5 10

<210> 30821
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30821
Gly Glu Thr Val Lys Ala Gly Gly Ser Val
1 5 10

<210> 30822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30822
Cys Pro Leu Pro Arg Leu Gly Leu Gly Ala
1 5 10

<210> 30823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30823
Gly Ala Ala Ala Arg Gly Ala Gly Lys
1 5

<210> 30824
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30824
Val Ala Arg Pro Gly Cys Gly Ala Ala
1 5

<210> 30825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30825
Ser Val Ala Arg Pro Gly Cys Gly Ala
1 5

<210> 30826
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30826
Thr Pro Pro Asp Pro Ser Pro Pro Phe
1 5

<210> 30827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30827
Val Ala Arg Pro Gly Cys Gly Ala Ala Ala
1 5 10

<210> 30828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30828
Cys Gly Ala Ala Ala Arg Gly Ala Gly Lys
1 5 10

<210> 30829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30829

Ser Val Ala Arg Pro Gly Cys Gly Ala Ala
1 5 10

<210> 30830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30830
Phe Gln Thr Glu Asn Gly Gly Gln Val
1 5

<210> 30831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30831
Gln Thr Glu Asn Gly Gly Gln Val Met Tyr
1 5 10

<210> 30832
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30832
Phe Gln Thr Glu Asn Gly Gly Gln Val Met
1 5 10

<210> 30833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30833
Tyr Gln Leu Ser His Asn Gly Asn Leu
1 5

<210> 30834
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30834
Gln Leu Ser His Asn Gly Asn Leu Leu
1 5

<210> 30835
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30835
Leu Ser His Asn Gly Asn Leu Leu Phe
1 5

<210> 30836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30836
Ser Gln Tyr Gln Leu Ser His Asn Gly
1 5

<210> 30837
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30837
Ser His Asn Gly Asn Leu Leu Phe Leu
1 5

<210> 30838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30838
Tyr Gln Leu Ser His Asn Gly Asn Leu Leu
1 5 10

<210> 30839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30839
Gln Tyr Gln Leu Ser His Asn Gly Asn Leu
1 5 10

<210> 30840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30840
Gln Leu Ser His Asn Gly Asn Leu Leu Phe
1 5 10

<210> 30841
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30841
Ser Gln Tyr Gln Leu Ser His Asn Gly Asn
1 5 10

<210> 30842
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30842
Leu Ser His Asn Gly Asn Leu Leu Phe Leu
1 5 10

<210> 30843
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30843
Val Leu Phe Thr Gly Ile Leu Tyr Val
1 5

<210> 30844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30844
Ser Val Leu Phe Thr Gly Ile Leu Tyr
1 5

<210> 30845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30845
Thr Gly Ile Leu Tyr Val Asp Pro Val
1 5

<210> 30846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30846
His Ser Val Leu Phe Thr Gly Ile Leu

1 5

<210> 30847
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30847
His Ser Val Leu Phe Thr Gly Ile Leu Tyr
1 5 10

<210> 30848
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30848
Ser Val Leu Phe Thr Gly Ile Leu Tyr Val
1 5 10

<210> 30849
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30849
Phe Thr Gly Ile Leu Tyr Val Asp Pro Val
1 5 10

<210> 30850
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30850
Leu Tyr Val Asp Pro Val Gly Asn Asn Tyr
1 5 10

<210> 30851

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30851
Gly Thr Trp Pro Ser Thr Gln Leu His
1 5

<210> 30852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30852
Thr Trp Pro Ser Thr Gln Leu His Val
1 5

<210> 30853
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30853
Trp Pro Ser Thr Gln Leu His Val Met
1 5

<210> 30854
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30854
Thr Trp Pro Ser Thr Gln Leu His Val Met
1 5 10

<210> 30855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30855
Thr Gln Leu His Val Met Asn Asn Asn Met
1 5 10

<210> 30856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30856
Val Glu Tyr Lys Pro Pro Lys Asn Pro Leu
1 5 10

<210> 30857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30857
Gln Ala Lys Asn Gln Gln Arg Gln Gln Lys
1 5 10

<210> 30858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30858
Gln Gln Arg Gln Gln Lys Ile Gln Gly Lys
1 5 10

<210> 30859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30859
Ala Lys Asn Gln Gln Arg Gln Gln Lys Ile
1 5 10

<210> 30860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30860
Glu Thr Asp Tyr His Leu His His Val
1 5

<210> 30861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30861
His Leu His His Val Val Val Tyr Phe
1 5

<210> 30862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30862
Tyr His Leu His His Val Val Val Tyr
1 5

<210> 30863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30863
Thr Asp Tyr His Leu His His Val Val
1 5

<210> 30864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30864
Glu Thr Asp Tyr His Leu His His Val Val
1 5 10

<210> 30865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30865
His Leu His His Val Val Val Tyr Phe Ile
1 5 10

<210> 30866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30866
Tyr His Leu His His Val Val Val Tyr Phe
1 5 10

<210> 30867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30867
Asp Thr Pro Pro Glu Thr Asp Tyr His Leu
1 5 10

<210> 30868
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30868
Thr Asp Tyr His Leu His His Val Val Val
1 5 10

<210> 30869
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30869
Met Leu Ser Leu Ser Gln Thr Pro Ala
1 5

<210> 30870
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30870
Arg Ile Met Leu Ser Leu Ser Gln Thr
1 5

<210> 30871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30871
Ile Met Leu Ser Leu Ser Gln Thr Pro
1 5

<210> 30872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30872
Ile Met Leu Ser Leu Ser Gln Thr Pro Ala
1 5 10

<210> 30873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30873
Phe Thr Tyr Asp Asp Met Gln Val Leu
1 5

<210> 30874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30874
Met Gln Val Leu Gly Ile Gln Glu Ala
1 5

<210> 30875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30875
Thr Tyr Asp Asp Met Gln Val Leu Gly Ile
1 5 10

<210> 30876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30876
Met Gln Val Leu Gly Ile Gln Glu Ala Gln
1 5 10

<210> 30877
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30877
Leu Leu Phe Ile Asp Lys Leu Ser Tyr
1 5

<210> 30878
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30878
Thr Leu Lys Asn Asn Val Leu Leu Phe
1 5

<210> 30879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30879
Arg Leu Thr Leu Lys Asn Asn Val Leu
1 5

<210> 30880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30880
Leu Lys Asn Asn Val Leu Leu Phe Ile
1 5

<210> 30881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30881
Thr Leu Lys Asn Asn Val Leu Leu Phe Ile
1 5 10

<210> 30882
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30882
Leu Leu Phe Ile Asp Lys Leu Ser Tyr Arg
1 5 10

<210> 30883
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30883
Leu Thr Leu Lys Asn Asn Val Leu Leu Phe
1 5 10

<210> 30884
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30884
Lys Asn Asn Val Leu Leu Phe Ile Asp Lys
1 5 10

<210> 30885
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30885
Val Leu Leu Phe Ile Asp Lys Leu Ser Tyr
1 5 10

<210> 30886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30886
Leu Arg Leu Thr Leu Lys Asn Asn Val Leu
1 5 10

<210> 30887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30887
Arg Leu Thr Leu Lys Asn Asn Val Leu Leu
1 5 10

<210> 30888
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30888
Glu Thr Val His Glu Ser Asn Cys Ile
1 5

<210> 30889
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30889
Thr Val His Glu Ser Asn Cys Ile Phe
1 5

<210> 30890
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30890
His Glu Ser Asn Cys Ile Phe Ala Phe
1 5

<210> 30891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30891
Thr Val His Glu Ser Asn Cys Ile Phe Ala
1 5 10

<210> 30892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30892
Glu Ser Asn Cys Ile Phe Ala Phe Glu Thr
1 5 10

<210> 30893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30893

Val His Glu Ser Asn Cys Ile Phe Ala Phe
1 5 10

<210> 30894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30894
Lys Met Ser Ala Phe Gln Asn His Cys
1 5

<210> 30895
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30895
Ser Ala Phe Gln Asn His Cys Pro His
1 5

<210> 30896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30896
Met Ser Ala Phe Gln Asn His Cys Pro His
1 5 10

<210> 30897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30897
Ser Ala Phe Gln Asn His Cys Pro His Leu
1 5 10

<210> 30898
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30898
Tyr Ser Ser Val Ser Ala Ser Val Ile
1 5

<210> 30899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30899
Pro Tyr Ser Ser Val Ser Ala Ser Val Ile
1 5 10

<210> 30900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30900
Ser Pro Tyr Ser Ser Val Ser Ala Ser Val
1 5 10

<210> 30901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30901
Tyr Ser Ser Val Ser Ala Ser Val Ile Ala
1 5 10

<210> 30902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30902
Lys Ala Pro Ser Leu Ser Gln Leu Phe
1 5

<210> 30903
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30903
Pro Ser Leu Ser Gln Leu Phe Leu Phe
1 5

<210> 30904
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30904
Ser Leu Ser Gln Leu Phe Leu Phe Phe
1 5

<210> 30905
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30905
Ala Pro Ser Leu Ser Gln Leu Phe Leu
1 5

<210> 30906
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30906
Gly Lys Ala Pro Ser Leu Ser Gln Leu
1 5

<210> 30907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30907
Ser Leu Ser Gln Leu Phe Leu Phe Phe Ala
1 5 10

<210> 30908
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30908
Pro Ser Leu Ser Gln Leu Phe Leu Phe Phe
1 5 10

<210> 30909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30909
Lys Ala Pro Ser Leu Ser Gln Leu Phe Leu
1 5 10

<210> 30910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30910
Leu Gly Lys Ala Pro Ser Leu Ser Gln Leu

1 5 10

<210> 30911
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30911
Gly Lys Ala Pro Ser Leu Ser Gln Leu Phe
1 5 10

<210> 30912
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30912
Ala Pro Ser Leu Ser Gln Leu Phe Leu Phe
1 5 10

<210> 30913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30913
Leu Ser Gln Leu Phe Leu Phe Phe Ala Met
1 5 10

<210> 30914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30914
Ser Thr Lys Lys Ala Pro Pro Pro Pro
1 5

<210> 30915

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30915
Ser Thr Lys Lys Ala Pro Pro Pro Pro Asp
1 5 10

<210> 30916
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30916
Thr Ile Ala Asp Ile Leu Arg Glu Glu Lys
1 5 10

<210> 30917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30917
Ile Leu Arg Glu Glu Lys Lys Gln Glu Lys
1 5 10

<210> 30918
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30918
Leu Leu Asn Thr Ile Ala Asp Ile Leu Arg
1 5 10

<210> 30919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30919
Val Leu Ser Lys Trp Asp Pro Val Ile
1 5

<210> 30920
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30920
Val Leu Ser Lys Trp Asp Pro Val Ile Leu
1 5 10

<210> 30921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30921
Ile Leu Lys Asn Arg Gln Ala Glu Gln Leu
1 5 10

<210> 30922
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30922
Leu Ser Lys Trp Asp Pro Val Ile Leu Lys
1 5 10

<210> 30923
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30923
Gly Glu Glu Glu Glu Glu Val Leu Ala Leu
1 5 10

<210> 30924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30924
Leu Glu Pro Arg Thr Ala Arg Ile Val
1 5

<210> 30925
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30925
Ala Pro Leu Glu Pro Arg Thr Ala Arg Ile
1 5 10

<210> 30926
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30926
Ala Gln Tyr His Gln Ala Pro Leu Glu Pro
1 5 10

<210> 30927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30927
His Gln Ala Pro Leu Glu Pro Arg Thr Ala
1 5 10

<210> 30928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30928
Glu Pro Arg Thr Ala Arg Ile Val Asn Tyr
1 5 10

<210> 30929
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30929
Leu Ile Thr Gly Gly Ala Gly Phe Leu
1 5

<210> 30930
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30930
Ile Leu Ile Thr Gly Gly Ala Gly Phe Leu
1 5 10

<210> 30931
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30931
Phe Leu Gly Ser His Leu Thr Asp Lys Leu
1 5 10

<210> 30932
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30932
Thr Ser Arg Thr Ser Phe Pro Pro Pro
1 5

<210> 30933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30933
Arg Thr Ser Phe Pro Pro Pro Arg Leu
1 5

<210> 30934
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30934
Thr Ser Arg Thr Ser Phe Pro Pro Pro Arg
1 5 10

<210> 30935
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30935
Ser Phe Pro Pro Pro Arg Leu Pro Ala Leu
1 5 10

<210> 30936
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30936
Thr Ser Phe Pro Pro Pro Arg Leu Pro Ala
1 5 10

<210> 30937
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30937
Gln Pro Pro Pro Thr Ser Arg Thr Ser Phe
1 5 10

<210> 30938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30938
Ser Leu Ser Thr Gly Val Gly Tyr Leu
1 5

<210> 30939
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30939
His Leu Ser Leu Ser Ala Trp Lys Leu
1 5

<210> 30940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30940
Leu Ser Ala Trp Lys Leu Cys Ser Ala
1 5

<210> 30941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30941
Ala Thr Ser Glu Ser Cys Ser Thr Ile
1 5

<210> 30942
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30942
Tyr Leu Trp Met Arg Pro Pro Gly Lys
1 5

<210> 30943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30943
Ile Thr Gln Gly His Ser Ser Leu Lys
1 5

<210> 30944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30944
Val Ala Ala Ala Val Pro Leu Gln Arg
1 5

<210> 30945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30945
Gly Ser Gly Val Trp Arg Pro Ala Lys
1 5

<210> 30946
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30946
Ser Val Gly Pro Gln Thr Cys Pro Arg
1 5

<210> 30947
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30947
Gln Thr Cys Pro Arg Ser Pro Tyr Arg
1 5

<210> 30948
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30948
Arg Trp Leu Gly Val Ala Ala Ala Val
1 5

<210> 30949
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30949
Gly Gly Arg Arg Trp Leu Gly Val Ala
1 5

<210> 30950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30950
Ala Val Pro Leu Gln Arg Pro Leu Arg
1 5

<210> 30951
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30951
Arg Ser Gln Lys Arg Lys Gly Lys Arg
1 5

<210> 30952
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30952
Arg Trp Arg Asn Gly Ser Val Gly Pro
1 5

<210> 30953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30953
Arg Ser Pro Tyr Arg Val Cys Leu Arg
1 5

<210> 30954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30954
Arg Val Cys Leu Arg Ser Ser Arg Leu
1 5

<210> 30955
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30955
Cys Leu Arg Ser Ser Arg Leu His Leu
1 5

<210> 30956
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30956
Arg Ser Ser Arg Leu His Leu Ser Leu
1 5

<210> 30957
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30957

Ser Ser Arg Leu His Leu Ser Leu Ser
1 5

<210> 30958
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30958
Thr Gly Val Gly Tyr Leu Trp Met Arg
1 5

<210> 30959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30959
Asn Thr Trp Pro Arg Ser Thr Pro Met
1 5

<210> 30960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30960
Arg Pro Leu Arg Pro Pro Pro Pro Leu
1 5

<210> 30961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30961
Cys Pro Arg Ser Pro Tyr Arg Val Cys
1 5

<210> 30962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30962
Glu Arg Arg Trp Arg Asn Gly Ser Val
1 5

<210> 30963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30963
Ser Leu Lys Leu Arg Arg Ala Asp Leu
1 5

<210> 30964
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30964
Arg Leu His Leu Ser Leu Ser Ala Trp
1 5

<210> 30965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30965
Gly Arg Arg Trp Leu Gly Val Ala Ala
1 5

<210> 30966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30966
Arg Arg Trp Leu Gly Val Ala Ala Ala
1 5

<210> 30967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30967
Leu Gly Val Ala Ala Ala Val Pro Leu
1 5

<210> 30968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30968
Ala Ala Val Pro Leu Gln Arg Pro Leu
1 5

<210> 30969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30969
Leu Gln Arg Pro Leu Arg Pro Pro Pro
1 5

<210> 30970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 30970
Ala Lys Glu Pro Gln Pro Arg Glu Met
1 5

<210> 30971
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30971
Cys Glu Thr Glu Ala Ser Pro Ser Leu
1 5

<210> 30972
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30972
Leu Ser Thr Gly Val Gly Tyr Leu Trp
1 5

<210> 30973
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30973
Arg Ser Thr Pro Met Glu Arg Arg Trp
1 5

<210> 30974
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30974
Arg Arg Trp Arg Asn Gly Ser Val Gly

1 5

<210> 30975
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30975
Pro Gln Thr Cys Pro Arg Ser Pro Tyr
1 5

<210> 30976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30976
Ser Arg Leu His Leu Ser Leu Ser Ala
1 5

<210> 30977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30977
Thr Gln Gly His Ser Ser Leu Lys Leu
1 5

<210> 30978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30978
Thr Glu Ala Ser Pro Ser Leu Ser Thr
1 5

<210> 30979

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30979
Trp Leu Gly Val Ala Ala Ala Val Pro Leu
1 5 10

<210> 30980
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30980
Ser Leu Ser Ala Trp Lys Leu Cys Ser Ala
1 5 10

<210> 30981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30981
Arg Leu His Leu Ser Leu Ser Ala Trp Lys
1 5 10

<210> 30982
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30982
Thr Ile Thr Gln Gly His Ser Ser Leu Lys
1 5 10

<210> 30983
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30983
Gly Val Ala Ala Ala Val Pro Leu Gln Arg
1 5 10

<210> 30984
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30984
Ser Thr Gly Val Gly Tyr Leu Trp Met Arg
1 5 10

<210> 30985
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30985
Gly Ser Val Gly Pro Gln Thr Cys Pro Arg
1 5 10

<210> 30986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30986
Gly Gly Arg Arg Trp Leu Gly Val Ala Ala
1 5 10

<210> 30987
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30987
Leu Gly Ser Gly Val Trp Arg Pro Ala Lys
1 5 10

<210> 30988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30988
Glu Met Arg Ser Gln Lys Arg Lys Gly Lys
1 5 10

<210> 30989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30989
Lys Gly Lys Arg Thr Cys Glu Thr Glu Ala
1 5 10

<210> 30990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30990
Gly Tyr Leu Trp Met Arg Pro Pro Gly Lys
1 5 10

<210> 30991
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30991
Arg Ser Thr Pro Met Glu Arg Arg Trp Arg
1 5 10

<210> 30992
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30992
Arg Trp Arg Asn Gly Ser Val Gly Pro Gln
1 5 10

<210> 30993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30993
Arg Val Cys Leu Arg Ser Ser Arg Leu His
1 5 10

<210> 30994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30994
Cys Leu Arg Ser Ser Arg Leu His Leu Ser
1 5 10

<210> 30995
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 30995
Arg Ser Ser Arg Leu His Leu Ser Leu Ser
1 5 10

<210> 30996
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30996
Ser Ser Arg Leu His Leu Ser Leu Ser Ala
1 5 10

<210> 30997
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30997
Thr Trp Pro Arg Ser Thr Pro Met Glu Arg
1 5 10

<210> 30998
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30998
Glu Ala Ser Pro Ser Leu Ser Thr Gly Val
1 5 10

<210> 30999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 30999
Gln Thr Cys Pro Arg Ser Pro Tyr Arg Val
1 5 10

<210> 31000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31000
Ser Thr Ile Thr Gln Gly His Ser Ser Leu
1 5 10

<210> 31001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31001
Met Pro Gly Gly Arg Arg Trp Leu Gly Val
1 5 10

<210> 31002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31002
Arg Pro Pro Pro Pro Leu Gly Ser Gly Val
1 5 10

<210> 31003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31003
Cys Pro Arg Ser Pro Tyr Arg Val Cys Leu
1 5 10

<210> 31004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31004
Met Glu Arg Arg Trp Arg Asn Gly Ser Val
1 5 10

<210> 31005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31005
Ser Pro Ser Leu Ser Thr Gly Val Gly Tyr
1 5 10

<210> 31006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31006
Arg Arg Trp Leu Gly Val Ala Ala Ala Val
1 5 10

<210> 31007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31007
Ala Ala Ala Val Pro Leu Gln Arg Pro Leu
1 5 10

<210> 31008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31008
Leu Gln Arg Pro Leu Arg Pro Pro Pro Pro
1 5 10

<210> 31009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31009
Ser Leu Ser Thr Gly Val Gly Tyr Leu Trp
1 5 10

<210> 31010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31010
Leu Ser Thr Gly Val Gly Tyr Leu Trp Met
1 5 10

<210> 31011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31011
Gly Asn Thr Trp Pro Arg Ser Thr Pro Met
1 5 10

<210> 31012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31012
Gly Pro Gln Thr Cys Pro Arg Ser Pro Tyr
1 5 10

<210> 31013
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31013
Tyr Arg Val Cys Leu Arg Ser Ser Arg Leu
1 5 10

<210> 31014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31014
Leu Arg Ser Ser Arg Leu His Leu Ser Leu
1 5 10

<210> 31015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31015
Ser Arg Leu His Leu Ser Leu Ser Ala Trp
1 5 10

<210> 31016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31016
Leu His Leu Ser Leu Ser Ala Trp Lys Leu
1 5 10

<210> 31017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31017
Ser Ala Thr Ser Glu Ser Cys Ser Thr Ile
1 5 10

<210> 31018
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31018
Arg Leu Gln Ala Glu Thr Lys Leu Ile
1 5

<210> 31019
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31019
Lys Leu Ile Asn Arg Val Asn Ser Thr
1 5

<210> 31020
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31020
Ala Glu Thr Lys Leu Ile Asn Arg Val
1 5

<210> 31021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31021

Lys Leu Ile Asn Arg Val Asn Ser Thr Tyr
1 5 10

<210> 31022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31022
Ala Met Glu Arg Leu Gln Ala Glu Thr Lys
1 5 10

<210> 31023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31023
Met Glu Arg Leu Gln Ala Glu Thr Lys Leu
1 5 10

<210> 31024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31024
Thr Leu Thr Pro His Ile Gly Pro Lys
1 5

<210> 31025
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31025
Glu Val Val Thr Leu Thr Pro His Ile
1 5

<210> 31026
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31026
Leu Thr Pro His Ile Gly Pro Lys Val
1 5

<210> 31027
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31027
Asp Glu Val Val Thr Leu Thr Pro His
1 5

<210> 31028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31028
Thr Leu Thr Pro His Ile Gly Pro Lys Val
1 5 10

<210> 31029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31029
Val Thr Leu Thr Pro His Ile Gly Pro Lys
1 5 10

<210> 31030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31030
Thr Pro His Ile Gly Pro Lys Val Ser Leu
1 5 10

<210> 31031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31031
Asp Glu Val Val Thr Leu Thr Pro His Ile
1 5 10

<210> 31032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31032
Ala Leu Cys Thr Pro Gln Pro Pro Ala
1 5

<210> 31033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31033
Cys Thr Pro Gln Pro Pro Ala Ser Thr Lys
1 5 10

<210> 31034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31034
Lys Glu Ala Phe Gly Pro Gln Ala Leu Cys
1 5 10

<210> 31035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31035
His Asn Val Thr Ser Trp Pro Gly Lys
1 5

<210> 31036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31036
Gln Gln Gln Gln Gln His Asn Val Thr
1 5

<210> 31037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31037
Gln Gln Gln Gln His Asn Val Thr Ser
1 5

<210> 31038
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31038
Gln Gln Gln His Asn Val Thr Ser Trp

1 5

<210> 31039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31039
Asn Val Thr Ser Trp Pro Gly Lys Gln Val
1 5 10

<210> 31040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31040
Gln Gln Gln Gln Gln Gln Gln His Asn Val
1 5 10

<210> 31041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31041
Gln Gln Gln Gln Gln Gln His Asn Val Thr
1 5 10

<210> 31042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31042
Gln Gln Gln Gln His Asn Val Thr Ser Trp
1 5 10

<210> 31043

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31043
Gln Gln His Asn Val Thr Ser Trp Pro Gly
1 5 10

<210> 31044
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31044
Ser Pro Glu Glu Ser Gly Pro Glu Glu Leu
1 5 10

<210> 31045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31045
Pro Glu Glu Ser Gly Leu Glu Glu Leu
1 5

<210> 31046
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31046
Leu Glu Glu Leu Gly Ala Glu Glu Glu Met
1 5 10

<210> 31047
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31047
Glu Glu Ser Gly Pro Glu Glu Ser Gly Leu
1 5 10

<210> 31048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31048
Arg Pro Arg Pro Val Leu Arg Leu Val
1 5

<210> 31049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31049
Pro Val Leu Arg Leu Val Asn Ser Arg
1 5

<210> 31050
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31050
Leu Val Asn Ser Arg Glu Pro Ser Gln Val
1 5 10

<210> 31051
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31051
Ala Gly Arg Pro Arg Pro Val Leu Arg Leu
1 5 10

<210> 31052
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31052
Arg Pro Arg Pro Val Leu Arg Leu Val Asn
1 5 10

<210> 31053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31053
Pro Ser Gln Asp Ile Phe Cys Asn Arg
1 5

<210> 31054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31054
Asp Ile Phe Cys Asn Arg Ser Pro Arg
1 5

<210> 31055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31055
Ser Arg Glu Pro Ser Gln Asp Ile Phe
1 5

<210> 31056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31056
Asp Ile Phe Cys Asn Arg Ser Pro Arg Val
1 5 10

<210> 31057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31057
Asn Ser Arg Glu Pro Ser Gln Asp Ile Phe
1 5 10

<210> 31058
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31058
Val Ile Phe Cys Asp Arg Ser Pro Arg
1 5

<210> 31059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31059
Val Ile Phe Cys Asp Arg Ser Pro Arg Val
1 5 10

<210> 31060
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31060
Gln Val Ile Phe Cys Asp Arg Ser Pro Arg
1 5 10

<210> 31061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31061
Val Ile Phe Cys Asn Pro Ser Pro Arg
1 5

<210> 31062
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31062
Ser Gln Val Ile Phe Cys Asn Pro Ser
1 5

<210> 31063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31063
Val Ile Phe Cys Asn Pro Ser Pro Arg Val
1 5 10

<210> 31064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31064
Gln Val Ile Phe Cys Asn Pro Ser Pro Arg
1 5 10

<210> 31065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31065
Asn Pro Ser Pro Arg Val Val Leu Pro Val
1 5 10

<210> 31066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31066
Ser Gln Val Ile Phe Cys Asn Pro Ser Pro
1 5 10

<210> 31067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31067
Phe Cys Asn Pro Ser Pro Arg Val Val Leu
1 5 10

<210> 31068
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31068
Arg Ser Pro Pro Val Val Leu Pro Val
1 5

<210> 31069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31069
Ser Pro Pro Val Val Leu Pro Val Trp
1 5

<210> 31070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31070
Val Ile Phe Cys Asn Arg Ser Pro Pro Val
1 5 10

<210> 31071
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31071
Arg Ser Pro Pro Val Val Leu Pro Val Trp
1 5 10

<210> 31072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31072
Val Val Leu Pro Val Leu Leu Asn Phe
1 5

<210> 31073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31073
Ser Pro Arg Val Val Leu Pro Val Leu
1 5

<210> 31074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31074
Arg Val Val Leu Pro Val Leu Leu Asn Phe
1 5 10

<210> 31075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31075
Ser Pro Arg Val Val Leu Pro Val Leu Leu
1 5 10

<210> 31076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31076
Arg Ser Pro Arg Val Val Leu Pro Val Leu
1 5 10

<210> 31077
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31077
Val Val Leu Pro Val Trp His Asn Phe
1 5

<210> 31078
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31078
Arg Val Val Leu Pro Val Trp His Asn Phe
1 5 10

<210> 31079
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31079
His Asn Phe Asp Gly Glu Pro Gln Pro Tyr
1 5 10

<210> 31080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31080
Val Val Leu Pro Val Trp Pro Asn Phe
1 5

<210> 31081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31081
Trp Pro Asn Phe Asp Gly Glu Pro Gln
1 5

<210> 31082
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31082
Arg Val Val Leu Pro Val Trp Pro Asn Phe
1 5 10

<210> 31083
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31083
Gly Thr Gly Pro Arg Ile His Ser Tyr
1 5

<210> 31084
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31084
Thr Leu Pro Pro Gly Thr Gly Pro Arg
1 5

<210> 31085
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31085

Thr Gly Pro Arg Ile His Ser Tyr Arg
1 5

<210> 31086
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31086
Leu Pro Pro Gly Thr Gly Pro Arg Ile
1 5

<210> 31087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31087
Thr Leu Pro Pro Gly Thr Gly Pro Arg Ile
1 5 10

<210> 31088
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31088
Gly Thr Gly Pro Arg Ile His Ser Tyr Arg
1 5 10

<210> 31089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31089
Asn Tyr Arg Gly His Leu Trp Leu Phe
1 5

<210> 31090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31090
Thr Gly Arg Arg Ile His Asn Tyr Arg
1 5

<210> 31091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31091
Arg Ile His Asn Tyr Arg Gly His Leu
1 5

<210> 31092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31092
Gly Thr Gly Arg Arg Ile His Asn Tyr
1 5

<210> 31093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31093
Ile His Asn Tyr Arg Gly His Leu Trp
1 5

<210> 31094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31094
His Asn Tyr Arg Gly His Leu Trp Leu
1 5

<210> 31095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31095
Gly Thr Gly Arg Arg Ile His Asn Tyr Arg
1 5 10

<210> 31096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31096
His Asn Tyr Arg Gly His Leu Trp Leu Phe
1 5 10

<210> 31097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31097
Arg Ile His Asn Tyr Arg Gly His Leu Trp
1 5 10

<210> 31098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31098
Asn Tyr Arg Gly His Leu Trp Leu Phe Arg
1 5 10

<210> 31099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31099
Arg Arg Ile His Asn Tyr Arg Gly His Leu
1 5 10

<210> 31100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31100
Ile His Asn Tyr Arg Gly His Leu Trp Leu
1 5 10

<210> 31101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31101
Arg Tyr Arg Gly His Leu Trp Leu Phe
1 5

<210> 31102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31102
Thr Gly Arg Arg Ile His Arg Tyr Arg

1 5

<210> 31103
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31103
Arg Ile His Arg Tyr Arg Gly His Leu
1 5

<210> 31104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31104
Gly Thr Gly Arg Arg Ile His Arg Tyr
1 5

<210> 31105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31105
Ile His Arg Tyr Arg Gly His Leu Trp
1 5

<210> 31106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31106
His Arg Tyr Arg Gly His Leu Trp Leu
1 5

<210> 31107

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31107
Gly Thr Gly Arg Arg Ile His Arg Tyr Arg
1 5 10

<210> 31108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31108
His Arg Tyr Arg Gly His Leu Trp Leu Phe
1 5 10

<210> 31109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31109
Arg Ile His Arg Tyr Arg Gly His Leu Trp
1 5 10

<210> 31110
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31110
Arg Tyr Arg Gly His Leu Trp Leu Phe Arg
1 5 10

<210> 31111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31111
Arg Arg Ile His Arg Tyr Arg Gly His Leu
1 5 10

<210> 31112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31112
Ile His Arg Tyr Arg Gly His Leu Trp Leu
1 5 10

<210> 31113
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31113
Ser Tyr Arg Gly Asn Leu Trp Leu Phe
1 5

<210> 31114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31114
Arg Ile His Ser Tyr Arg Gly Asn Leu
1 5

<210> 31115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31115
His Ser Tyr Arg Gly Asn Leu Trp Leu
1 5

<210> 31116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31116
Ile His Ser Tyr Arg Gly Asn Leu Trp
1 5

<210> 31117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31117
His Ser Tyr Arg Gly Asn Leu Trp Leu Phe
1 5 10

<210> 31118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31118
Arg Ile His Ser Tyr Arg Gly Asn Leu Trp
1 5 10

<210> 31119
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31119
Ser Tyr Arg Gly Asn Leu Trp Leu Phe Arg
1 5 10

<210> 31120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31120
Arg Arg Ile His Ser Tyr Arg Gly Asn Leu
1 5 10

<210> 31121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31121
Ile His Ser Tyr Arg Gly Asn Leu Trp Leu
1 5 10

<210> 31122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31122
Leu Thr Asp Ser Leu Phe Leu Pro Ile
1 5

<210> 31123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31123
Thr Met Gly Phe Trp Leu Thr Lys Leu
1 5

<210> 31124
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31124
Tyr Leu Cys His Leu Ser Met Leu Thr
1 5

<210> 31125
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31125
Ser Met Leu Thr Asp Ser Leu Phe Leu
1 5

<210> 31126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31126
His Leu Ser Met Leu Thr Asp Ser Leu
1 5

<210> 31127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31127
Ser Leu Phe Leu Pro Ile Ser His Cys
1 5

<210> 31128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31128
Phe Leu Pro Ile Ser His Cys Gln Cys
1 5

<210> 31129
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31129
His Thr Met Gly Phe Trp Leu Thr Lys
1 5

<210> 31130
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31130
Phe Trp Leu Thr Lys Leu Asn Tyr Leu
1 5

<210> 31131
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31131
Asn Tyr Leu Cys His Leu Ser Met Leu
1 5

<210> 31132
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31132
Arg Gly His Leu Gly Ser Ser Glu Met
1 5

<210> 31133
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31133
Gly Phe Trp Leu Thr Lys Leu Asn Tyr
1 5

<210> 31134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31134
Glu Met Gln Gly His Thr Met Gly Phe
1 5

<210> 31135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31135
Leu Ser Met Leu Thr Asp Ser Leu Phe
1 5

<210> 31136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31136
Leu Asn Tyr Leu Cys His Leu Ser Met
1 5

<210> 31137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31137
Ser Ser Glu Met Gln Gly His Thr Met
1 5

<210> 31138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31138
Ser Glu Met Gln Gly His Thr Met Gly
1 5

<210> 31139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31139
Met Gln Gly His Thr Met Gly Phe Trp
1 5

<210> 31140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31140
Thr Lys Leu Asn Tyr Leu Cys His Leu
1 5

<210> 31141
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31141
Leu Pro Ile Ser His Cys Gln Cys Ile
1 5

<210> 31142
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31142
Lys Leu Asn Tyr Leu Cys His Leu Ser Met
1 5 10

<210> 31143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31143
Met Leu Thr Asp Ser Leu Phe Leu Pro Ile
1 5 10

<210> 31144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31144
Phe Leu Pro Ile Ser His Cys Gln Cys Ile
1 5 10

<210> 31145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31145
His Thr Met Gly Phe Trp Leu Thr Lys Leu
1 5 10

<210> 31146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31146
Gly Phe Trp Leu Thr Lys Leu Asn Tyr Leu
1 5 10

<210> 31147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31147
Arg Ile His Ser Tyr Arg Gly His Leu Gly
1 5 10

<210> 31148
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31148
Leu Thr Lys Leu Asn Tyr Leu Cys His Leu
1 5 10

<210> 31149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31149

Met Gly Phe Trp Leu Thr Lys Leu Asn Tyr
1 5 10

<210> 31150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31150
Leu Pro Ile Ser His Cys Gln Cys Ile Leu
1 5 10

<210> 31151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31151
Ser Glu Met Gln Gly His Thr Met Gly Phe
1 5 10

<210> 31152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31152
His Leu Ser Met Leu Thr Asp Ser Leu Phe
1 5 10

<210> 31153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31153
His Ser Tyr Arg Gly His Leu Gly Ser Ser
1 5 10

<210> 31154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31154
Tyr Arg Gly His Leu Gly Ser Ser Glu Met
1 5 10

<210> 31155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31155
Gly Ser Ser Glu Met Gln Gly His Thr Met
1 5 10

<210> 31156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31156
Met Gln Gly His Thr Met Gly Phe Trp Leu
1 5 10

<210> 31157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31157
Leu Asn Tyr Leu Cys His Leu Ser Met Leu
1 5 10

<210> 31158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31158
Cys His Leu Ser Met Leu Thr Asp Ser Leu
1 5 10

<210> 31159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31159
Leu Ser Met Leu Thr Asp Ser Leu Phe Leu
1 5 10

<210> 31160
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31160
Arg Tyr Ala Gly Thr His Asp Gly Leu
1 5

<210> 31161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31161
Arg Gly His Leu Trp Leu Phe Arg Tyr
1 5

<210> 31162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31162
Trp Leu Phe Arg Tyr Ala Gly Thr His
1 5

<210> 31163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31163
Arg Tyr Ala Gly Thr His Asp Gly Leu Leu
1 5 10

<210> 31164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31164
Arg Gly His Leu Trp Leu Phe Arg Tyr Ala
1 5 10

<210> 31165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31165
Tyr Arg Gly His Leu Trp Leu Phe Arg Tyr
1 5 10

<210> 31166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31166
Phe Arg Tyr Ala Gly Thr His Asp Gly Leu

1 5 10

<210> 31167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31167
Leu Thr Asp Ser Leu Phe Leu Pro Ile
1 5

<210> 31168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31168
Thr Met Gly Phe Trp Leu Thr Lys Leu
1 5

<210> 31169
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31169
Tyr Leu Cys His Leu Ser Met Leu Thr
1 5

<210> 31170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31170
Ser Met Leu Thr Asp Ser Leu Phe Leu
1 5

<210> 31171

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31171
Trp Leu Phe Arg Asp Ala Gly His Thr
1 5

<210> 31172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31172
His Leu Ser Met Leu Thr Asp Ser Leu
1 5

<210> 31173
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31173
Ser Leu Phe Leu Pro Ile Ser His Cys
1 5

<210> 31174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31174
Phe Leu Pro Ile Ser His Cys Gln Cys
1 5

<210> 31175
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31175
His Thr Met Gly Phe Trp Leu Thr Lys
1 5

<210> 31176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31176
Phe Trp Leu Thr Lys Leu Asn Tyr Leu
1 5

<210> 31177
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31177
Asn Tyr Leu Cys His Leu Ser Met Leu
1 5

<210> 31178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31178
Gly Phe Trp Leu Thr Lys Leu Asn Tyr
1 5

<210> 31179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31179
Leu Ser Met Leu Thr Asp Ser Leu Phe
1 5

<210> 31180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31180
Leu Phe Arg Asp Ala Gly His Thr Met
1 5

<210> 31181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31181
Leu Asn Tyr Leu Cys His Leu Ser Met
1 5

<210> 31182
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31182
Arg Asp Ala Gly His Thr Met Gly Phe
1 5

<210> 31183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31183
Thr Lys Leu Asn Tyr Leu Cys His Leu
1 5

<210> 31184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31184
Leu Pro Ile Ser His Cys Gln Cys Ile
1 5

<210> 31185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31185
Trp Leu Phe Arg Asp Ala Gly His Thr Met
1 5 10

<210> 31186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31186
Lys Leu Asn Tyr Leu Cys His Leu Ser Met
1 5 10

<210> 31187
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31187
Met Leu Thr Asp Ser Leu Phe Leu Pro Ile
1 5 10

<210> 31188
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31188
Phe Leu Pro Ile Ser His Cys Gln Cys Ile
1 5 10

<210> 31189
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31189
His Thr Met Gly Phe Trp Leu Thr Lys Leu
1 5 10

<210> 31190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31190
Gly Phe Trp Leu Thr Lys Leu Asn Tyr Leu
1 5 10

<210> 31191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31191
Leu Thr Lys Leu Asn Tyr Leu Cys His Leu
1 5 10

<210> 31192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31192
Met Gly Phe Trp Leu Thr Lys Leu Asn Tyr
1 5 10

<210> 31193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31193
Leu Pro Ile Ser His Cys Gln Cys Ile Leu
1 5 10

<210> 31194
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31194
His Leu Ser Met Leu Thr Asp Ser Leu Phe
1 5 10

<210> 31195
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31195
Phe Arg Asp Ala Gly His Thr Met Gly Phe
1 5 10

<210> 31196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31196
Arg Asp Ala Gly His Thr Met Gly Phe Trp
1 5 10

<210> 31197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31197
Leu Asn Tyr Leu Cys His Leu Ser Met Leu
1 5 10

<210> 31198
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31198
Cys His Leu Ser Met Leu Thr Asp Ser Leu
1 5 10

<210> 31199
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31199
Leu Ser Met Leu Thr Asp Ser Leu Phe Leu
1 5 10

<210> 31200
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31200
His Leu Val Asn Gln Thr Glu Leu Phe
1 5

<210> 31201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31201
Gly His Leu Val Asn Gln Thr Glu Leu
1 5

<210> 31202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31202
His Leu Val Asn Gln Thr Glu Leu Phe Val
1 5 10

<210> 31203
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31203
Gly His Leu Val Asn Gln Thr Glu Leu Phe
1 5 10

<210> 31204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31204
Leu Val Asn Gln Thr Glu Phe Phe Val
1 5

<210> 31205
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31205
Glu Phe Phe Val Pro Ser Leu Asn Val
1 5

<210> 31206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31206
Gly Leu Leu Val Asn Gln Thr Glu Phe
1 5

<210> 31207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31207
Leu Leu Val Asn Gln Thr Glu Phe Phe
1 5

<210> 31208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31208
Asn Gln Thr Glu Phe Phe Val Pro Ser
1 5

<210> 31209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31209
Leu Leu Val Asn Gln Thr Glu Phe Phe Val
1 5 10

<210> 31210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31210
Asn Gln Thr Glu Phe Phe Val Pro Ser Leu
1 5 10

<210> 31211
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31211
Gly Leu Leu Val Asn Gln Thr Glu Phe Phe
1 5 10

<210> 31212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31212
Thr Glu Phe Phe Val Pro Ser Leu Asn Val
1 5 10

<210> 31213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31213

Phe Ala Asn Thr Thr Leu Pro Val Tyr
1 5

<210> 31214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31214
Thr Thr Leu Pro Val Tyr Thr Leu Lys
1 5

<210> 31215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31215
Ile Phe Ala Asn Thr Thr Leu Pro Val
1 5

<210> 31216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31216
Asn Thr Thr Leu Pro Val Tyr Thr Leu
1 5

<210> 31217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31217
Gln Pro Ile Phe Ala Asn Thr Thr Leu
1 5

<210> 31218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31218
Pro Ile Phe Ala Asn Thr Thr Leu Pro Val
1 5 10

<210> 31219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31219
Asn Thr Thr Leu Pro Val Tyr Thr Leu Lys
1 5 10

<210> 31220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31220
Ile Phe Ala Asn Thr Thr Leu Pro Val Tyr
1 5 10

<210> 31221
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31221
Gly Gln Pro Ile Phe Ala Asn Thr Thr Leu
1 5 10

<210> 31222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31222
Ile Phe Ala Asn Ile Thr Pro Pro Val
1 5

<210> 31223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31223
Ile Thr Pro Pro Val Tyr Thr Leu Lys
1 5

<210> 31224
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31224
Phe Ala Asn Ile Thr Pro Pro Val Tyr
1 5

<210> 31225
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31225
Asn Ile Thr Pro Pro Val Tyr Thr Leu
1 5

<210> 31226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31226
Pro Ile Phe Ala Asn Ile Thr Pro Pro Val
1 5 10

<210> 31227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31227
Asn Ile Thr Pro Pro Val Tyr Thr Leu Lys
1 5 10

<210> 31228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31228
Ile Phe Ala Asn Ile Thr Pro Pro Val Tyr
1 5 10

<210> 31229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31229
Ala Asn Ile Thr Pro Pro Val Tyr Thr Leu
1 5 10

<210> 31230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31230
Asn Ile Thr Leu Pro Val Tyr Thr Val

1 5

<210> 31231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31231
Ile Thr Leu Pro Val Tyr Thr Val Lys
1 5

<210> 31232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31232
Thr Val Lys Glu Arg Cys Leu Gln Val
1 5

<210> 31233
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31233
Tyr Thr Val Lys Glu Arg Cys Leu Gln Val
1 5 10

<210> 31234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31234
Asn Ile Thr Leu Pro Val Tyr Thr Val Lys
1 5 10

<210> 31235

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31235
Thr Val Lys Glu Arg Cys Leu Gln Val Val
1 5 10

<210> 31236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31236
Ile Thr Leu Pro Val Tyr Thr Pro Lys
1 5

<210> 31237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31237
Thr Pro Lys Glu Arg Cys Leu Gln Val
1 5

<210> 31238
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31238
Asn Ile Thr Leu Pro Val Tyr Thr Pro Lys
1 5 10

<210> 31239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31239
Tyr Thr Pro Lys Glu Arg Cys Leu Gln Val
1 5 10

<210> 31240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31240
Thr Pro Lys Glu Arg Cys Leu Gln Val Val
1 5 10

<210> 31241
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31241
Thr Leu Lys Glu Arg Cys Leu Gln Leu
1 5

<210> 31242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31242
Lys Glu Arg Cys Leu Gln Leu Ser Gly Ala
1 5 10

<210> 31243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31243
Cys Leu Gln Val Val Arg Ser Pro Val
1 5

<210> 31244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31244
Leu Gln Val Val Arg Ser Pro Val Lys
1 5

<210> 31245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31245
Arg Ser Pro Val Lys Pro Glu Asn Tyr
1 5

<210> 31246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31246
Pro Val Lys Pro Glu Asn Tyr Arg Arg
1 5

<210> 31247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31247
Cys Leu Gln Val Val Arg Ser Pro Val Lys
1 5 10

<210> 31248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31248
Val Arg Ser Pro Val Lys Pro Glu Asn Tyr
1 5 10

<210> 31249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31249
Arg Leu Asp Ile Val Arg Ser Pro Tyr
1 5

<210> 31250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31250
Ser Pro Tyr Glu Asp Leu Glu Asp His
1 5

<210> 31251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31251
Arg Arg Leu Asp Ile Val Arg Ser Pro Tyr
1 5 10

<210> 31252
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31252
Tyr Glu Asp Pro Glu Asp His Pro Asn Val
1 5 10

<210> 31253
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31253
Leu Glu Gln Cys Gly His Gln Pro Val
1 5

<210> 31254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31254
Glu Gln Cys Gly His Gln Pro Val Ile
1 5

<210> 31255
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31255
Ser Leu Glu Gln Cys Gly His Gln Pro Val
1 5 10

<210> 31256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31256
Cys Gly His Gln Pro Val Ile His Thr Lys
1 5 10

<210> 31257
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31257
Leu Glu Gln Cys Gly His Gln Pro Val Ile
1 5 10

<210> 31258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31258
Trp Leu Ser Trp Met Phe Gln Lys Leu
1 5

<210> 31259
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31259
Trp Met Phe Gln Lys Leu Val Val Val
1 5

<210> 31260
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31260
Phe Gln Lys Leu Val Val Val Met Val
1 5

<210> 31261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31261
Asn Trp Leu Ser Trp Met Phe Gln Lys
1 5

<210> 31262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31262
Ser Trp Met Phe Gln Lys Leu Val Val
1 5

<210> 31263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31263
Met Phe Gln Lys Leu Val Val Val Met
1 5

<210> 31264
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31264
Trp Leu Ser Trp Met Phe Gln Lys Leu Val
1 5 10

<210> 31265
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31265
Trp Met Phe Gln Lys Leu Val Val Val Met
1 5 10

<210> 31266
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31266
Asn Trp Leu Ser Trp Met Phe Gln Lys Leu
1 5 10

<210> 31267
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31267
Ser Trp Met Phe Gln Lys Leu Val Val Val
1 5 10

<210> 31268
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31268
Met Phe Gln Lys Leu Val Val Val Met Val
1 5 10

<210> 31269
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31269
Glu Asn Trp Leu Ser Trp Met Phe Gln Lys
1 5 10

<210> 31270
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31270
Leu Ser Trp Met Phe Gln Lys Leu Val Val
1 5 10

<210> 31271
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31271
Gln Lys Leu Val Val Val Met Val Cys Tyr
1 5 10

<210> 31272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31272
Leu Leu Leu Leu Ile Gln Asn His Leu
1 5

<210> 31273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31273
Leu Leu Leu Ile Gln Asn His Leu Ile
1 5

<210> 31274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31274
Leu Ile Gln Asn His Leu Ile Ser Lys
1 5

<210> 31275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31275
Lys Glu Leu Leu Leu Leu Ile Gln Asn
1 5

<210> 31276
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31276
Leu Leu Leu Leu Ile Gln Asn His Leu Ile
1 5 10

<210> 31277
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31277

Ile Gln Asn His Leu Ile Ser Lys Gly Leu
1 5 10

<210> 31278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31278
Leu Leu Ile Gln Asn His Leu Ile Ser Lys
1 5 10

<210> 31279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31279
Trp Thr Asp Ile Phe Leu Pro His Leu
1 5

<210> 31280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31280
Phe Leu Pro His Leu Arg Trp Thr Val
1 5

<210> 31281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31281
Ala Ile Lys Asn Ser Trp Thr Asp Ile
1 5

<210> 31282
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31282
Ser Trp Thr Asp Ile Phe Leu Pro His
1 5

<210> 31283
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31283
Ile Lys Asn Ser Trp Thr Asp Ile Phe
1 5

<210> 31284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31284
Trp Thr Asp Ile Phe Leu Pro His Leu Arg
1 5 10

<210> 31285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31285
Ser Trp Thr Asp Ile Phe Leu Pro His Leu
1 5 10

<210> 31286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31286
Ile Phe Leu Pro His Leu Arg Trp Thr Val
1 5 10

<210> 31287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31287
Ala Ile Lys Asn Ser Trp Thr Asp Ile Phe
1 5 10

<210> 31288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31288
Ser Gln Ser Pro Ala Ile Lys Asn Ser Trp
1 5 10

<210> 31289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31289
Ile Lys Asn Ser Trp Thr Asp Ile Phe Leu
1 5 10

<210> 31290
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31290
Asn Leu Thr Arg Glu Pro Ser Arg Val
1 5

<210> 31291
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31291
Leu Thr Arg Glu Pro Ser Arg Val Leu
1 5

<210> 31292
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31292
Glu Ala Phe Phe Met Asn Leu Thr Arg
1 5

<210> 31293
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31293
Met Asn Leu Thr Arg Glu Pro Ser Arg
1 5

<210> 31294
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31294
Glu Pro Ser Arg Val Leu Lys Ser Leu

1 5

<210> 31295
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31295
Ser Glu Gly Val Glu Ala Phe Phe Met
1 5

<210> 31296
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31296
Phe Met Asn Leu Thr Arg Glu Pro Ser
1 5

<210> 31297
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31297
Val Leu Lys Ser Leu Trp Lys Glu Trp
1 5

<210> 31298
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31298
Val Glu Ala Phe Phe Met Asn Leu Thr
1 5

<210> 31299

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31299
Phe Ser Glu Gly Val Glu Ala Phe Phe Met
1 5 10

<210> 31300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31300
Leu Thr Arg Glu Pro Ser Arg Val Leu Lys
1 5 10

<210> 31301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31301
Arg Val Leu Lys Ser Leu Trp Lys Glu Trp
1 5 10

<210> 31302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31302
Pro Ser Arg Val Leu Lys Ser Leu Trp Lys
1 5 10

<210> 31303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31303
Phe Met Asn Leu Thr Arg Glu Pro Ser Arg
1 5 10

<210> 31304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31304
Glu Gly Val Glu Ala Phe Phe Met Asn Leu
1 5 10

<210> 31305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31305
Arg Glu Pro Ser Arg Val Leu Lys Ser Leu
1 5 10

<210> 31306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31306
Glu Pro Ser Arg Val Leu Lys Ser Leu Trp
1 5 10

<210> 31307
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31307
Arg Pro Leu Pro Ser Ile Gln Ile Leu
1 5

<210> 31308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31308
Ser Leu Arg Pro Leu Pro Ser Ile Gln Ile
1 5 10

<210> 31309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31309
Arg Pro Leu Pro Ser Ile Gln Ile Leu Val
1 5 10

<210> 31310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31310
Ile Gln Ile Leu Val Asp Lys Ile Asn Leu
1 5 10

<210> 31311
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31311
Phe Ser Ile Phe Trp Gln Met Ala Val
1 5

<210> 31312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31312
Trp Gln Met Ala Val Ser Ser Asp Val
1 5

<210> 31313
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31313
Lys Pro Phe Ser Ile Phe Trp Gln Met
1 5

<210> 31314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31314
Trp Gln Met Ala Val Ser Ser Asp Val Val
1 5 10

<210> 31315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31315
Phe Ser Ile Phe Trp Gln Met Ala Val Ser
1 5 10

<210> 31316
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31316
Val Lys Pro Phe Ser Ile Phe Trp Gln Met
1 5 10

<210> 31317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31317
Lys Pro Phe Ser Ile Phe Trp Gln Met Ala
1 5 10

<210> 31318
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31318
Ser Leu Asn Gln Glu Tyr Leu Asn Leu
1 5

<210> 31319
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31319
Tyr Leu Asn Leu Leu Phe Arg Ile Leu
1 5

<210> 31320
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31320
Glu Tyr Leu Asn Leu Leu Phe Arg Ile
1 5

<210> 31321
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31321
Met Asn Val Ser Leu Asn Gln Glu Tyr
1 5

<210> 31322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31322
Asn Val Ser Leu Asn Gln Glu Tyr Leu
1 5

<210> 31323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31323
Asn Gln Glu Tyr Leu Asn Leu Leu Phe
1 5

<210> 31324
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31324
Ser Leu Asn Gln Glu Tyr Leu Asn Leu Leu
1 5 10

<210> 31325
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31325
Tyr Leu Asn Leu Leu Phe Arg Ile Leu Thr
1 5 10

<210> 31326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31326
Glu Tyr Leu Asn Leu Leu Phe Arg Ile Leu
1 5 10

<210> 31327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31327
Ser Met Asn Val Ser Leu Asn Gln Glu Tyr
1 5 10

<210> 31328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31328
Met Asn Val Ser Leu Asn Gln Glu Tyr Leu
1 5 10

<210> 31329
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31329
Leu Asn Gln Glu Tyr Leu Asn Leu Leu Phe
1 5 10

<210> 31330
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31330
Gln Glu Tyr Leu Asn Leu Leu Phe Arg Ile
1 5 10

<210> 31331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31331
Asp Asp Tyr Gln Cys Leu Cys Pro Leu
1 5

<210> 31332
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31332
Asp Tyr Gln Cys Leu Cys Pro Leu Ala Phe
1 5 10

<210> 31333
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31333
Arg Leu Phe Gly Thr Ile Leu Glu Ser
1 5

<210> 31334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31334
Ile Leu Glu Ser Lys Val Cys Ile Leu
1 5

<210> 31335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31335
Gly Ser Arg Arg Leu Phe Gly Thr Ile
1 5

<210> 31336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31336
Ser Arg Arg Leu Phe Gly Thr Ile Leu
1 5

<210> 31337
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31337
Ile Leu Glu Ser Lys Val Cys Ile Leu Leu
1 5 10

<210> 31338
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31338
Arg Leu Phe Gly Thr Ile Leu Glu Ser Lys
1 5 10

<210> 31339
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31339
Gly Ser Arg Arg Leu Phe Gly Thr Ile Leu
1 5 10

<210> 31340
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31340
Gln Ala Val Ala Trp Leu Glu Gln Leu
1 5

<210> 31341
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31341

Val Ala Trp Leu Glu Gln Leu Ala Glu Val
1 5 10

<210> 31342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31342
Gly Gln Ala Val Ala Trp Leu Glu Gln Leu
1 5 10

<210> 31343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31343
Arg Leu Trp Leu Glu Gly Pro Asp Ser Ala
1 5 10

<210> 31344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31344
Phe Ala Lys Ala Phe Ile Ser Asn Ala
1 5

<210> 31345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31345
Ile Ser Asn Ala Asn Ile Gly Pro Arg
1 5

<210> 31346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31346
Lys Ala Phe Ile Ser Asn Ala Asn Ile
1 5

<210> 31347
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31347
Lys Ser Phe Ala Lys Ala Phe Ile Ser Asn
1 5 10

<210> 31348
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31348
Ser Phe Ala Lys Ala Phe Ile Ser Asn Ala
1 5 10

<210> 31349
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31349
Phe Ile Ser Asn Ala Asn Ile Gly Pro Arg
1 5 10

<210> 31350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31350
Ala Lys Ala Phe Ile Ser Asn Ala Asn Ile
1 5 10

<210> 31351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31351
Ile Ser Asn Ala Asn Ile Gly Pro Arg Leu
1 5 10

<210> 31352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31352
Met Ile Ile Pro Arg Thr Val Ser Leu
1 5

<210> 31353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31353
Ile Ile Pro Arg Thr Val Ser Leu Val
1 5

<210> 31354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31354
Leu Thr Met Gln Arg Thr Cys Leu Val
1 5

<210> 31355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31355
Gln Leu His His Pro Pro Cys Ser Leu
1 5

<210> 31356
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31356
Ser Leu Pro Gln Lys Ala Met Ile Ile
1 5

<210> 31357
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31357
Met Gln Arg Thr Cys Leu Val Cys Leu
1 5

<210> 31358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31358
Val Ser Leu Val Leu Thr Met Gln Arg

1 5

<210> 31359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31359
Lys Ala Met Ile Ile Pro Arg Thr Val
1 5

<210> 31360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31360
Arg Thr Val Ser Leu Val Leu Thr Met
1 5

<210> 31361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31361
Ile Pro Arg Thr Val Ser Leu Val Leu
1 5

<210> 31362
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31362
Lys Gln Leu His His Pro Pro Cys Ser Leu
1 5 10

<210> 31363

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31363
Ala Met Ile Ile Pro Arg Thr Val Ser Leu
1 5 10

<210> 31364
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31364
Met Ile Ile Pro Arg Thr Val Ser Leu Val
1 5 10

<210> 31365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31365
Val Leu Thr Met Gln Arg Thr Cys Leu Val
1 5 10

<210> 31366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31366
Met Gln Arg Thr Cys Leu Val Cys Leu Lys
1 5 10

<210> 31367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31367
Thr Val Ser Leu Val Leu Thr Met Gln Arg
1 5 10

<210> 31368
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31368
Val Glu Arg Lys Thr Ser Lys Lys Glu Leu
1 5 10

<210> 31369
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31369
Thr Met Gln Arg Thr Cys Leu Val Cys Leu
1 5 10

<210> 31370
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31370
Lys Glu Leu Lys Gln Leu His His Pro Pro
1 5 10

<210> 31371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31371
Ser Ser Arg Leu Arg Asp Ala Pro Ser
1 5

<210> 31372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31372
Arg Pro Gln Gln Pro Pro Pro Pro Ala
1 5

<210> 31373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31373
Gly Leu Cys Thr Asp Gly Ser Ser Arg Leu
1 5 10

<210> 31374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31374
Ser Ser Arg Leu Arg Asp Ala Pro Ser Ala
1 5 10

<210> 31375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31375
Arg Pro Gln Gln Pro Pro Pro Pro Ala Ser
1 5 10

<210> 31376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31376
Ser Pro Ser Gly Pro Arg Gly Val Pro Gly
1 5 10

<210> 31377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31377
Arg Gln Ala Gly Gly Ile Ser Lys Ala
1 5

<210> 31378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31378
Ile Ser Lys Ala Lys Leu Arg Ser Met
1 5

<210> 31379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31379
Ser Ile Arg Gln Ala Gly Gly Ile Ser Lys
1 5 10

<210> 31380
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31380
Arg Gln Ala Gly Gly Ile Ser Lys Ala Lys
1 5 10

<210> 31381
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31381
Ile Ser Lys Ala Lys Leu Arg Ser Met Lys
1 5 10

<210> 31382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31382
Ser Met Lys Glu Arg Lys Val Glu Lys
1 5

<210> 31383
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31383
Arg Ser Met Lys Glu Arg Lys Val Glu Lys
1 5 10

<210> 31384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31384
Ser Met Lys Glu Arg Lys Val Glu Lys Lys
1 5 10

<210> 31385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31385
Lys Leu Arg Ser Met Lys Glu Arg Lys Val
1 5 10

<210> 31386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31386
Leu Tyr Cys Gly Pro Arg Pro Pro Leu
1 5

<210> 31387
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31387
Arg Pro Gly Thr Pro Pro Pro Pro Leu
1 5

<210> 31388
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31388
Gly Pro Arg Pro Pro Leu Asp Cys Phe
1 5

<210> 31389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31389
Arg Glu Gly Leu Ile Cys Ala Arg Ile
1 5

<210> 31390
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31390
Leu Ile Cys Ala Arg Ile Glu Gly Trp Lys
1 5 10

<210> 31391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31391
Cys Thr Glu Ala Val Phe Tyr Tyr Trp
1 5

<210> 31392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31392
Tyr Tyr Trp Glu Cys Ser Ala Ala Cys
1 5

<210> 31393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31393
Glu Ala Val Phe Tyr Tyr Trp Glu Cys
1 5

<210> 31394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31394
Phe Tyr Tyr Trp Glu Cys Ser Ala Ala
1 5

<210> 31395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31395
Ala Val Phe Tyr Tyr Trp Glu Cys Ser Ala
1 5 10

<210> 31396
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31396
His Asn Val Cys Thr Glu Ala Val Phe Tyr
1 5 10

<210> 31397
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31397
Thr Glu Ala Val Phe Tyr Tyr Trp Glu Cys
1 5 10

<210> 31398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31398
Ala Trp Val Ser Ser Ala Pro Gly Met
1 5

<210> 31399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31399
Trp Val Ser Ser Ala Pro Gly Met Phe
1 5

<210> 31400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31400
Trp Val Ser Ser Ala Pro Gly Met Phe Ile
1 5 10

<210> 31401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31401
Ala Trp Val Ser Ser Ala Pro Gly Met Phe
1 5 10

<210> 31402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31402
Leu Ala Trp Val Ser Ser Ala Pro Gly Met
1 5 10

<210> 31403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31403
Val Gln Cys Leu Ala Trp Val Ser Ser Ala
1 5 10

<210> 31404
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31404
Lys Leu Phe Asn Lys Phe Ile Gln Leu
1 5

<210> 31405
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31405

Leu Lys Leu Phe Asn Lys Phe Ile Gln Leu
1 5 10

<210> 31406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31406
Gly Glu Thr Lys Ser Cys Gln Thr Ala
1 5

<210> 31407
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31407
Ala Val Gln Gly Ile Arg Gly Glu Thr Lys
1 5 10

<210> 31408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31408
Thr Leu Ile Asp Asp Asp Asn Pro Pro Cys
1 5 10

<210> 31409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31409
Leu Thr Tyr Ser Asp Pro Ser Glu Arg
1 5

<210> 31410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31410
Lys Met Leu Thr Ala Leu Pro Pro Ala
1 5

<210> 31411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31411
Met Leu Thr Ala Leu Pro Pro Ala Met
1 5

<210> 31412
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31412
Ala Leu Pro Pro Ala Met Thr Ala Met
1 5

<210> 31413
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31413
Lys Trp Asn Lys Lys Met Leu Thr Ala
1 5

<210> 31414
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31414
Pro Ala Met Thr Ala Met Cys Gly Tyr
1 5

<210> 31415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31415
Thr Ala Met Cys Gly Tyr Gly Ile Arg
1 5

<210> 31416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31416
Met Thr Ala Met Cys Gly Tyr Gly Ile
1 5

<210> 31417
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31417
Trp Asn Lys Lys Met Leu Thr Ala Leu
1 5

<210> 31418
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31418
Ser Gln Val Lys Trp Asn Lys Lys Met
1 5

<210> 31419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31419
Lys Lys Met Leu Thr Ala Leu Pro Pro
1 5

<210> 31420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31420
Lys Met Leu Thr Ala Leu Pro Pro Ala Met
1 5 10

<210> 31421
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31421
Ala Met Thr Ala Met Cys Gly Tyr Gly Ile
1 5 10

<210> 31422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31422
Met Leu Thr Ala Leu Pro Pro Ala Met Thr

1 5 10

<210> 31423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31423
Ala Leu Pro Pro Ala Met Thr Ala Met Cys
1 5 10

<210> 31424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31424
Met Thr Ala Met Cys Gly Tyr Gly Ile Arg
1 5 10

<210> 31425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31425
Lys Trp Asn Lys Lys Met Leu Thr Ala Leu
1 5 10

<210> 31426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31426
Leu Thr Ala Leu Pro Pro Ala Met Thr Ala
1 5 10

<210> 31427

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31427
Thr Ala Leu Pro Pro Ala Met Thr Ala Met
1 5 10

<210> 31428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31428
Ser Gln Val Lys Trp Asn Lys Lys Met Leu
1 5 10

<210> 31429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31429
Val Lys Trp Asn Lys Lys Met Leu Thr Ala
1 5 10

<210> 31430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31430
Lys Lys Met Leu Thr Ala Leu Pro Pro Ala
1 5 10

<210> 31431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31431
Pro Pro Ala Met Thr Ala Met Cys Gly Tyr
1 5 10

<210> 31432
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31432
Leu Leu Met Gln Lys Met Lys Gly Leu
1 5

<210> 31433
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31433
Lys Met Lys Gly Leu Ala Ser Tyr Leu
1 5

<210> 31434
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31434
Lys Tyr Lys Lys Phe Lys Glu Leu Leu
1 5

<210> 31435
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31435
Leu Ala Gln Lys Arg Lys Tyr Lys Lys
1 5

<210> 31436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31436
Lys Phe Lys Glu Leu Leu Met Gln Lys
1 5

<210> 31437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31437
Gln Lys Met Lys Gly Leu Ala Ser Tyr
1 5

<210> 31438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31438
Arg Lys Tyr Lys Lys Phe Lys Glu Leu
1 5

<210> 31439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31439
Met Gln Lys Met Lys Gly Leu Ala Ser
1 5

<210> 31440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31440
Ala Gln Lys Arg Lys Tyr Lys Lys Phe
1 5

<210> 31441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31441
Tyr Lys Lys Phe Lys Glu Leu Leu Met
1 5

<210> 31442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31442
Phe Lys Glu Leu Leu Met Gln Lys Met
1 5

<210> 31443
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31443
Leu Pro Leu Ala Gln Lys Arg Lys Tyr
1 5

<210> 31444
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31444
Leu Leu Met Gln Lys Met Lys Gly Leu Ala
1 5 10

<210> 31445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31445
Lys Tyr Lys Lys Phe Lys Glu Leu Leu Met
1 5 10

<210> 31446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31446
Ala Gln Lys Arg Lys Tyr Lys Lys Phe Lys
1 5 10

<210> 31447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31447
Lys Phe Lys Glu Leu Leu Met Gln Lys Met
1 5 10

<210> 31448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31448
Met Gln Lys Met Lys Gly Leu Ala Ser Tyr
1 5 10

<210> 31449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31449
Leu Ala Gln Lys Arg Lys Tyr Lys Lys Phe
1 5 10

<210> 31450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31450
Arg Lys Tyr Lys Lys Phe Lys Glu Leu Leu
1 5 10

<210> 31451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31451
Gln Lys Met Lys Gly Leu Ala Ser Tyr Leu
1 5 10

<210> 31452
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31452
Phe Thr Asn Tyr Leu Pro Val Ala Phe
1 5

<210> 31453
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31453
Val Ile Phe Thr Asn Tyr Leu Pro Val
1 5

<210> 31454
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31454
Tyr Leu Pro Val Ala Phe Gln Leu Val
1 5

<210> 31455
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31455
Phe Gln Leu Val Ile His Ser Ala Val
1 5

<210> 31456
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31456
Val Met Trp Gly Arg Gln Leu Lys Ile
1 5

<210> 31457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31457
Gln Ile Lys Ser Ser Phe Gly Gln Lys
1 5

<210> 31458
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31458
Ser Ser Phe Gly Gln Lys Met Gly Lys
1 5

<210> 31459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31459
Ala Val Met Trp Gly Arg Gln Leu Lys
1 5

<210> 31460
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31460
Asn Tyr Leu Pro Val Ala Phe Gln Leu
1 5

<210> 31461
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31461
Met Gly Lys Val Ile Phe Thr Asn Tyr
1 5

<210> 31462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31462
Leu Pro Val Ala Phe Gln Leu Val Ile
1 5

<210> 31463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31463
Leu Ser His Gln Ile Lys Ser Ser Phe
1 5

<210> 31464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31464
Gln Leu Val Ile His Ser Ala Val Met
1 5

<210> 31465
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31465
Gly Gln Thr Trp Thr Gly Gly Thr Leu
1 5

<210> 31466
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31466
His Gln Ile Lys Ser Ser Phe Gly Gln
1 5

<210> 31467
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31467
Ile Lys Ser Ser Phe Gly Gln Lys Met
1 5

<210> 31468
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31468
Gly Gln Lys Met Gly Lys Val Ile Phe
1 5

<210> 31469
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31469

Gly Lys Val Ile Phe Thr Asn Tyr Leu
1 5

<210> 31470
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31470
Leu Val Ile His Ser Ala Val Met Trp
1 5

<210> 31471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31471
Ser Ala Val Met Trp Gly Arg Gln Leu
1 5

<210> 31472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31472
Lys Val Ile Phe Thr Asn Tyr Leu Pro Val
1 5 10

<210> 31473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31473
Val Ile Phe Thr Asn Tyr Leu Pro Val Ala
1 5 10

<210> 31474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31474
Tyr Leu Pro Val Ala Phe Gln Leu Val Ile
1 5 10

<210> 31475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31475
His Gln Ile Lys Ser Ser Phe Gly Gln Lys
1 5 10

<210> 31476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31476
Lys Ser Ser Phe Gly Gln Lys Met Gly Lys
1 5 10

<210> 31477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31477
Lys Met Gly Lys Val Ile Phe Thr Asn Tyr
1 5 10

<210> 31478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31478
Val Ile His Ser Ala Val Met Trp Gly Arg
1 5 10

<210> 31479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31479
Ser Ala Val Met Trp Gly Arg Gln Leu Lys
1 5 10

<210> 31480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31480
Ile Phe Thr Asn Tyr Leu Pro Val Ala Phe
1 5 10

<210> 31481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31481
Asn Tyr Leu Pro Val Ala Phe Gln Leu Val
1 5 10

<210> 31482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31482
Met Gly Lys Val Ile Phe Thr Asn Tyr Leu
1 5 10

<210> 31483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31483
Ala Val Met Trp Gly Arg Gln Leu Lys Ile
1 5 10

<210> 31484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31484
Trp Thr Gly Gly Thr Leu Ser His Gln Ile
1 5 10

<210> 31485
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31485
Ser Ser Phe Gly Gln Lys Met Gly Lys Val
1 5 10

<210> 31486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31486
Thr Leu Ser His Gln Ile Lys Ser Ser Phe

1 5 10

<210> 31487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31487
Phe Gln Leu Val Ile His Ser Ala Val Met
1 5 10

<210> 31488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31488
Phe Gly Gln Lys Met Gly Lys Val Ile Phe
1 5 10

<210> 31489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31489
Val Ala Phe Gln Leu Val Ile His Ser Ala
1 5 10

<210> 31490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31490
His Ser Ala Val Met Trp Gly Arg Gln Leu
1 5 10

<210> 31491

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31491
Leu Pro Val Ala Phe Gln Leu Val Ile His
1 5 10

<210> 31492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31492
Thr Ser Trp Asp Gly Thr Arg Ser Gln Val
1 5 10

<210> 31493
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31493
Phe Leu Gln Arg Leu Gly Ala Thr Ile
1 5

<210> 31494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31494
Lys Glu Phe Leu Gln Arg Leu Gly Ala
1 5

<210> 31495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31495
Glu Phe Leu Gln Arg Leu Gly Ala Thr Ile
1 5 10

<210> 31496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31496
Lys Glu Phe Leu Gln Arg Leu Gly Ala Thr
1 5 10

<210> 31497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31497
Leu Gln Arg Leu Gly Ala Thr Ile Glu His
1 5 10

<210> 31498
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31498
Lys Thr Val Glu Lys Pro Asn Pro Lys
1 5

<210> 31499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31499
Lys Ile Lys Thr Thr Gln Val Phe Asp
1 5

<210> 31500
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31500
Asn Pro Lys Ile Lys Thr Thr Gln Val
1 5

<210> 31501
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31501
Pro Lys Ile Lys Thr Thr Gln Val Phe
1 5

<210> 31502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31502
Lys Ile Lys Thr Thr Gln Val Phe Asp Ile
1 5 10

<210> 31503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31503
Asn Pro Lys Ile Lys Thr Thr Gln Val Phe
1 5 10

<210> 31504
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31504
Lys Ile Leu Ser Trp His Glu His Ala
1 5

<210> 31505
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31505
Ile Leu Ser Trp His Glu His Ala Val
1 5

<210> 31506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31506
Lys Ile Pro Phe Lys Ile Leu Ser Trp
1 5

<210> 31507
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31507
Phe Lys Ile Leu Ser Trp His Glu His
1 5

<210> 31508
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31508
Lys Ile Leu Ser Trp His Glu His Ala Val
1 5 10

<210> 31509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31509
Ser Lys Ile Pro Phe Lys Ile Leu Ser Trp
1 5 10

<210> 31510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31510
Phe Lys Ile Leu Ser Trp His Glu His Ala
1 5 10

<210> 31511
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31511
Asn Met Gly Gly Gly Thr Gly Leu Phe
1 5

<210> 31512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31512
Val Asn Met Gly Gly Gly Thr Gly Leu
1 5

<210> 31513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31513
Asn Met Gly Gly Gly Thr Gly Leu Phe Val
1 5 10

<210> 31514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31514
Val Asn Met Gly Gly Gly Thr Gly Leu Phe
1 5 10

<210> 31515
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31515
Pro Thr Thr Lys Ile Cys Ala Glu Tyr
1 5

<210> 31516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31516
Lys Ile Cys Ala Glu Tyr Ser Ala Arg
1 5

<210> 31517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31517
Arg Gly Gly Gly Leu Leu Thr Leu Lys
1 5

<210> 31518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31518
Gly Gly Gly Leu Leu Thr Leu Lys Tyr
1 5

<210> 31519
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31519
Cys Arg Gly Gly Gly Leu Leu Thr Leu
1 5

<210> 31520
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31520
Thr Thr Lys Ile Cys Ala Glu Tyr Ser Ala
1 5 10

<210> 31521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31521
Arg Gly Gly Gly Leu Leu Thr Leu Lys Tyr
1 5 10

<210> 31522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31522
Glu Tyr Ser Ala Arg Thr Asp Gln Cys Arg
1 5 10

<210> 31523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31523
Asn Pro Thr Thr Lys Ile Cys Ala Glu Tyr
1 5 10

<210> 31524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31524
Ala Glu Tyr Ser Ala Arg Thr Asp Gln Cys
1 5 10

<210> 31525
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31525
Arg Leu Leu Pro Tyr Pro Phe His Val
1 5

<210> 31526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31526
Leu Leu Pro Tyr Pro Phe His Val Leu
1 5

<210> 31527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31527
Ala Met Pro Gln Met Gln Leu Gln Ala
1 5

<210> 31528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31528
Ala Met Trp Glu Lys Gly Trp Asp Lys
1 5

<210> 31529
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31529
Ser Ala Cys Pro Arg Leu Leu Pro Tyr
1 5

<210> 31530
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31530
Leu Gln Ala Leu Ala Met Trp Glu Lys
1 5

<210> 31531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31531
Pro Tyr Pro Phe His Val Leu Ala Leu
1 5

<210> 31532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31532
His Val Leu Ala Leu Glu Val Thr Phe
1 5

<210> 31533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31533

Met Gln Leu Gln Ala Leu Ala Met Trp
1 5

<210> 31534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31534
Glu Val Thr Phe Pro Pro Gly Thr Ala
1 5

<210> 31535
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31535
Ser Pro Ile Ser Ala Cys Pro Arg Leu
1 5

<210> 31536
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31536
Cys Pro Arg Leu Leu Pro Tyr Pro Phe
1 5

<210> 31537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31537
Met Pro Gln Met Gln Leu Gln Ala Leu
1 5

<210> 31538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31538
Val Thr Phe Pro Pro Gly Thr Ala Met
1 5

<210> 31539
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31539
Gln Met Gln Leu Gln Ala Leu Ala Met
1 5

<210> 31540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31540
His Pro Ala Trp Leu Ser Pro Ile Ser
1 5

<210> 31541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31541
Leu Pro Tyr Pro Phe His Val Leu Ala
1 5

<210> 31542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31542
Leu Glu Val Thr Phe Pro Pro Gly Thr
1 5

<210> 31543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31543
Ile Ser Ala Cys Pro Arg Leu Leu Pro Tyr
1 5 10

<210> 31544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31544
Arg Leu Leu Pro Tyr Pro Phe His Val Leu
1 5 10

<210> 31545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31545
Leu Leu Pro Tyr Pro Phe His Val Leu Ala
1 5 10

<210> 31546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31546
Ala Met Pro Gln Met Gln Leu Gln Ala Leu
1 5 10

<210> 31547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31547
Gln Leu Gln Ala Leu Ala Met Trp Glu Lys
1 5 10

<210> 31548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31548
Leu Ala Met Trp Glu Lys Gly Trp Asp Lys
1 5 10

<210> 31549
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31549
Trp Leu Ser Pro Ile Ser Ala Cys Pro Arg
1 5 10

<210> 31550
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31550
Tyr Pro Phe His Val Leu Ala Leu Glu Val

1 5 10

<210> 31551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31551
Glu Val Thr Phe Pro Pro Gly Thr Ala Met
1 5 10

<210> 31552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31552
His Pro Ala Trp Leu Ser Pro Ile Ser Ala
1 5 10

<210> 31553
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31553
Ser Pro Ile Ser Ala Cys Pro Arg Leu Leu
1 5 10

<210> 31554
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31554
Leu Pro Tyr Pro Phe His Val Leu Ala Leu
1 5 10

<210> 31555

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31555
Phe Pro Pro Gly Thr Ala Met Pro Gln Met
1 5 10

<210> 31556
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31556
Met Pro Gln Met Gln Leu Gln Ala Leu Ala
1 5 10

<210> 31557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31557
Leu Gln Pro Pro Gly Gly Cys His Pro Ala
1 5 10

<210> 31558
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31558
Phe His Val Leu Ala Leu Glu Val Thr Phe
1 5 10

<210> 31559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31559
Leu Glu Val Thr Phe Pro Pro Gly Thr Ala
1 5 10

<210> 31560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31560
Pro Gln Met Gln Leu Gln Ala Leu Ala Met
1 5 10

<210> 31561
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31561
Gln Met Gln Leu Gln Ala Leu Ala Met Trp
1 5 10

<210> 31562
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31562
Gln Pro Pro Gly Gly Cys His Pro Ala Trp
1 5 10

<210> 31563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31563
Gln Ala Leu Ala Met Trp Glu Lys Gly Trp
1 5 10

<210> 31564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31564
Thr Leu Thr Ser Ala Ala Ser Ser Ala
1 5

<210> 31565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31565
Gly Pro Asp Trp His Trp Gly Ala Ala
1 5

<210> 31566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31566
Trp His Trp Gly Ala Ala Ala Thr Thr
1 5

<210> 31567
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31567
His Trp Gly Ala Ala Ala Thr Thr Leu
1 5

<210> 31568
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31568
Ala Ala Ser Ser Ala Gly Ser Ser Trp
1 5

<210> 31569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31569
Ser Ala Gly Ser Ser Trp Thr Pro Gly Arg
1 5 10

<210> 31570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31570
Thr Thr Leu Thr Ser Ala Ala Ser Ser Ala
1 5 10

<210> 31571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31571
Gly Pro Asp Trp His Trp Gly Ala Ala Ala
1 5 10

<210> 31572
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31572
Ser Ala Ala Ser Ser Ala Gly Ser Ser Trp
1 5 10

<210> 31573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31573
Trp His Trp Gly Ala Ala Ala Thr Thr Leu
1 5 10

<210> 31574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31574
Ala Ala Ala Thr Thr Leu Thr Ser Ala Ala
1 5 10

<210> 31575
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31575
Cys Cys Tyr Val Thr Cys Arg Arg Tyr
1 5

<210> 31576
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31576
Arg Tyr Glu Arg Thr Val Glu Arg Tyr
1 5

<210> 31577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31577
Tyr Val Thr Cys Arg Arg Tyr Glu Arg
1 5

<210> 31578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31578
Tyr Glu Arg Thr Val Glu Arg Tyr Val
1 5

<210> 31579
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31579
Arg Arg Tyr Glu Arg Thr Val Glu Arg Tyr
1 5 10

<210> 31580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31580
Cys Tyr Val Thr Cys Arg Arg Tyr Glu Arg
1 5 10

<210> 31581
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31581
Tyr Glu Arg Thr Val Glu Arg Tyr Val Cys
1 5 10

<210> 31582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31582
Met Met Ser Ser Met Ala Cys Gly Ser
1 5

<210> 31583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31583
Ser Met Ala Cys Gly Ser Ala Glu Ser
1 5

<210> 31584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31584
Met Ser Ser Met Ala Cys Gly Ser Ala
1 5

<210> 31585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31585
Ala Pro Met Met Ser Ser Met Ala Cys
1 5

<210> 31586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31586
Gly Ala Ala Pro Met Met Ser Ser Met
1 5

<210> 31587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31587
Ser Glu Gly Trp His Trp Gly Ala Ala
1 5

<210> 31588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31588
Gly Trp His Trp Gly Ala Ala Pro Met
1 5

<210> 31589
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31589
Trp His Trp Gly Ala Ala Pro Met Met
1 5

<210> 31590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31590
Met Met Ser Ser Met Ala Cys Gly Ser Ala
1 5 10

<210> 31591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31591
Ser Ala Ser Glu Gly Trp His Trp Gly Ala
1 5 10

<210> 31592
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31592
Glu Gly Trp His Trp Gly Ala Ala Pro Met
1 5 10

<210> 31593
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31593
Trp Gly Ala Ala Pro Met Met Ser Ser Met
1 5 10

<210> 31594
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31594
Gly Trp His Trp Gly Ala Ala Pro Met Met
1 5 10

<210> 31595
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31595
Ser Met Ala Cys Gly Ser Ala Glu Ser Ser
1 5 10

<210> 31596
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31596
Arg Gly Tyr Asn Gln Phe Glu Ser Val
1 5

<210> 31597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31597

Gln Phe Glu Ser Val Gln Val Glu Arg
1 5

<210> 31598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31598
Asn Gln Phe Glu Ser Val Gln Val Glu
1 5

<210> 31599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31599
Asn Gln Phe Glu Ser Val Gln Val Glu Arg
1 5 10

<210> 31600
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31600
Thr Leu Val Arg Asn His Thr Ser Val
1 5

<210> 31601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31601
Cys Thr Ala Gly Ser Thr Leu Val Arg
1 5

<210> 31602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31602
Leu Val Arg Ser Gly Arg His Leu Arg
1 5

<210> 31603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31603
Arg Ser Gly Arg His Leu Arg Pro Val
1 5

<210> 31604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31604
Ser Gly Arg His Leu Arg Pro Val Arg
1 5

<210> 31605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31605
Leu Val Arg Asn His Thr Ser Val Thr
1 5

<210> 31606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31606
Arg Asn His Thr Ser Val Thr Ser Arg
1 5

<210> 31607
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31607
His Thr Ser Val Thr Ser Arg Thr Val
1 5

<210> 31608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31608
Gly Phe Leu Val Gln Thr Ser Ser Lys
1 5

<210> 31609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31609
Arg Asp Ile Leu Ser Cys Pro Thr Tyr
1 5

<210> 31610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31610
Cys Val Leu Thr Gln Ala Ala Ile Arg
1 5

<210> 31611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31611
Asp Ile Leu Ser Cys Pro Thr Tyr Arg
1 5

<210> 31612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31612
Arg Pro Val Arg Asn Ala Pro Ser Cys
1 5

<210> 31613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31613
Thr Leu Val Arg Ser Gly Arg His Leu
1 5

<210> 31614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31614
Val Arg Asn Ala Pro Ser Cys Val Leu

1 5

<210> 31615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31615
Thr Gln Ala Ala Ile Arg Asp Ile Leu
1 5

<210> 31616
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31616
Tyr Arg Cys Thr Ala Gly Ser Thr Leu
1 5

<210> 31617
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31617
Thr Ser Arg Thr Val Asn Glu Gly Phe
1 5

<210> 31618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31618
Leu Val Gln Thr Ser Ser Lys Asp Thr Lys
1 5 10

<210> 31619

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31619
Thr Tyr Arg Cys Thr Ala Gly Ser Thr Leu
1 5 10

<210> 31620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31620
Arg Ser Gly Arg His Leu Arg Pro Val Arg
1 5 10

<210> 31621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31621
His Leu Arg Pro Val Arg Asn Ala Pro Ser
1 5 10

<210> 31622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31622
Ser Thr Leu Val Arg Asn His Thr Ser Val
1 5 10

<210> 31623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31623
Thr Ser Arg Thr Val Asn Glu Gly Phe Leu
1 5 10

<210> 31624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31624
Thr Leu Val Arg Ser Gly Arg His Leu Arg
1 5 10

<210> 31625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31625
Arg Pro Val Arg Asn Ala Pro Ser Cys Val
1 5 10

<210> 31626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31626
Ala Pro Ser Cys Val Leu Thr Gln Ala Ala
1 5 10

<210> 31627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31627
Ile Arg Asp Ile Leu Ser Cys Pro Thr Tyr
1 5 10

<210> 31628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31628
Val Thr Ser Arg Thr Val Asn Glu Gly Phe
1 5 10

<210> 31629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31629
Glu Met Lys Tyr Thr Ser Glu Ala Val
1 5

<210> 31630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31630
Lys Tyr Thr Ser Glu Ala Val Arg Tyr
1 5

<210> 31631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31631
Tyr Thr Ser Glu Ala Val Arg Tyr Phe
1 5

<210> 31632
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31632
Thr Ser Glu Ala Val Arg Tyr Phe Val
1 5

<210> 31633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31633
Trp Glu Met Lys Tyr Thr Ser Glu Ala
1 5

<210> 31634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31634
Tyr Thr Ser Glu Ala Val Arg Tyr Phe Val
1 5 10

<210> 31635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31635
Lys Tyr Thr Ser Glu Ala Val Arg Tyr Phe
1 5 10

<210> 31636
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31636
Met Lys Tyr Thr Ser Glu Ala Val Arg Tyr
1 5 10

<210> 31637
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31637
Glu Met Lys Tyr Thr Ser Glu Ala Val Arg
1 5 10

<210> 31638
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31638
Trp Glu Met Lys Tyr Thr Ser Glu Ala Val
1 5 10

<210> 31639
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31639
Ser Glu Ala Val Arg Tyr Phe Val Asp His
1 5 10

<210> 31640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31640
Glu Gln Leu Ala Ala Lys Ala Glu Arg
1 5

<210> 31641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31641
Ala Lys Ala Glu Arg Asp Gln Pro Leu
1 5

<210> 31642
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31642
Glu Gln Arg Ala Glu Gln Leu Ala Ala Lys
1 5 10

<210> 31643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31643
Ile Ser Tyr Ser Arg Glu Gly Glu Tyr
1 5

<210> 31644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31644
Leu Ser Ile Glu Ile Ser Tyr Ser Arg
1 5

<210> 31645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31645
Ser Tyr Ser Arg Glu Gly Glu Tyr Phe
1 5

<210> 31646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31646
Ile Leu Leu Ser Ile Glu Ile Ser Tyr
1 5

<210> 31647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31647
Ile Glu Ile Ser Tyr Ser Arg Glu Gly
1 5

<210> 31648
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31648
Ile Ser Tyr Ser Arg Glu Gly Glu Tyr Phe
1 5 10

<210> 31649
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31649
Leu Leu Ser Ile Glu Ile Ser Tyr Ser Arg
1 5 10

<210> 31650
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31650
Glu Ile Leu Leu Ser Ile Glu Ile Ser Tyr
1 5 10

<210> 31651
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31651
Glu Glu Ile Leu Leu Ser Ile Glu Ile Ser
1 5 10

<210> 31652
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31652
Lys Asp Asn Lys Asn Asn Phe Ser Pro Lys
1 5 10

<210> 31653
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31653
Lys His Ile Lys Asp Asn Lys Asn Asn Phe
1 5 10

<210> 31654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31654
Lys Glu Lys Glu Glu Ile Thr His Ile
1 5

<210> 31655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31655
Met Tyr Leu Gly Ile Gln Ser Gln Gln Arg
1 5 10

<210> 31656
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31656
Gln Gln Arg Lys Glu His Gln Arg Arg Phe
1 5 10

<210> 31657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31657
Lys Leu Phe Glu Phe Met His Lys Thr
1 5

<210> 31658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31658
Phe Met His Lys Thr His Asp Gly Val
1 5

<210> 31659
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31659
Lys Thr His Asp Gly Val Gln Asp Met
1 5

<210> 31660
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31660
Lys Leu Phe Glu Phe Met His Lys Thr His
1 5 10

<210> 31661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31661

Val Asn Lys Leu Phe Glu Phe Met His Lys
1 5 10

<210> 31662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31662
Lys Thr His Asp Gly Val Gln Asp Met Ala
1 5 10

<210> 31663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31663
Glu Phe Met His Lys Thr His Asp Gly Val
1 5 10

<210> 31664
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31664
Phe Met His Lys Thr His Asp Gly Val Gln
1 5 10

<210> 31665
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31665
His Lys Thr His Asp Gly Val Gln Asp Met
1 5 10

<210> 31666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31666
Lys Val Trp Ser Arg Thr Ala Tyr Leu
1 5

<210> 31667
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31667
His Ser Ser Ala Lys Val Trp Ser Arg
1 5

<210> 31668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31668
Val Trp Ser Arg Thr Ala Tyr Leu Phe
1 5

<210> 31669
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31669
Ser Ala Lys Val Trp Ser Arg Thr Ala
1 5

<210> 31670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31670
Trp Ser Arg Thr Ala Tyr Leu Phe Ser
1 5

<210> 31671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31671
Ala Lys Val Trp Ser Arg Thr Ala Tyr
1 5

<210> 31672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31672
Leu Arg His Ser Ser Ala Lys Val Trp
1 5

<210> 31673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31673
Lys Val Trp Ser Arg Thr Ala Tyr Leu Phe
1 5 10

<210> 31674
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31674
Ser Ala Lys Val Trp Ser Arg Thr Ala Tyr
1 5 10

<210> 31675
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31675
Trp Ser Arg Thr Ala Tyr Leu Phe Ser Arg
1 5 10

<210> 31676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31676
Gly Leu Arg His Ser Ser Ala Lys Val Trp
1 5 10

<210> 31677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31677
Ala Lys Val Trp Ser Arg Thr Ala Tyr Leu
1 5 10

<210> 31678
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31678
Phe Gln Val Leu Ala Leu Ser Gly Ala

1 5

<210> 31679
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31679
Met Lys Ala Ser Gly Phe Asp Phe Phe
1 5

<210> 31680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31680
Ser Gly Phe Asp Phe Phe Gln Val Leu
1 5

<210> 31681
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31681
Phe Asp Phe Phe Gln Val Leu Ala Leu
1 5

<210> 31682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31682
Lys Ala Ser Gly Phe Asp Phe Phe Gln Val
1 5 10

<210> 31683

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31683
Lys Met Lys Ala Ser Gly Phe Asp Phe Phe
1 5 10

<210> 31684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31684
Phe Gln Val Leu Ala Leu Ser Gly Ala Gly
1 5 10

<210> 31685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31685
His Leu Tyr Gly Ser Tyr Pro Pro Ala
1 5

<210> 31686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31686
Arg Leu Met Ala Pro Val Gly Ser Val
1 5

<210> 31687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31687
Ser Leu Leu Thr Gln Pro Ser Pro Ala
1 5

<210> 31688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31688
Leu Met Ala Pro Val Gly Ser Val Met
1 5

<210> 31689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31689
Cys Ile Ser Met Thr Thr Ile Ser Arg
1 5

<210> 31690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31690
Arg Thr Pro Thr Thr Arg Leu Met Ala
1 5

<210> 31691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31691
Thr Thr Arg Leu Met Ala Pro Val Gly
1 5

<210> 31692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31692
Ala Ser Ala Cys Thr Met Pro Pro Leu
1 5

<210> 31693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31693
Ile Ser Met Thr Thr Ile Ser Arg Ala
1 5

<210> 31694
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31694
Leu Tyr Gly Ser Tyr Pro Pro Ala Arg
1 5

<210> 31695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31695
Pro Thr Thr Arg Leu Met Ala Pro Val
1 5

<210> 31696
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31696
His Ser Ala Gly Leu Ser Pro Gly Ala
1 5

<210> 31697
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31697
Arg Pro Thr Gly Arg Thr Pro Thr Thr
1 5

<210> 31698
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31698
His Pro Gln Trp Ala Pro His Ser Ala
1 5

<210> 31699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31699
Ser Pro Gly Ala Cys Arg Pro Ala Cys
1 5

<210> 31700
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31700
Arg Pro Ala Cys Thr Cys Ile Ser Met
1 5

<210> 31701
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31701
Leu Leu His Pro Gln Trp Ala Pro His
1 5

<210> 31702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31702
Gly Ser Val Met Ser Cys Ser Leu Leu
1 5

<210> 31703
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31703
Met Thr Thr Ile Ser Arg Ala Thr Trp
1 5

<210> 31704
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31704
Met Pro Pro Leu Leu His Pro Gln Trp
1 5

<210> 31705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31705
Arg Leu Met Ala Pro Val Gly Ser Val Met
1 5 10

<210> 31706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31706
Leu Leu Thr Gln Pro Ser Pro Ala Ser Ala
1 5 10

<210> 31707
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31707
Gly Leu Ser Pro Gly Ala Cys Arg Pro Ala
1 5 10

<210> 31708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31708
His Leu Tyr Gly Ser Tyr Pro Pro Ala Arg
1 5 10

<210> 31709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31709
Thr Met Pro Pro Leu Leu His Pro Gln Trp
1 5 10

<210> 31710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31710
Thr Gly Arg Thr Pro Thr Thr Arg Leu Met
1 5 10

<210> 31711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31711
Ala Ser Ala Cys Thr Met Pro Pro Leu Leu
1 5 10

<210> 31712
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31712
Ser Tyr Pro Pro Ala Arg Gln Pro Ser Arg
1 5 10

<210> 31713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31713
Thr Cys Ile Ser Met Thr Thr Ile Ser Arg
1 5 10

<210> 31714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31714
Thr Pro Thr Thr Arg Leu Met Ala Pro Val
1 5 10

<210> 31715
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31715
Gln Pro Ser Pro Ala Ser Ala Cys Thr Met
1 5 10

<210> 31716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31716
His Pro Gln Trp Ala Pro His Ser Ala Gly
1 5 10

<210> 31717
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31717
Ala Pro His Ser Ala Gly Leu Ser Pro Gly
1 5 10

<210> 31718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31718
Arg Pro Ala Cys Thr Cys Ile Ser Met Thr
1 5 10

<210> 31719
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31719
Phe His Leu Tyr Gly Ser Tyr Pro Pro Ala
1 5 10

<210> 31720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31720
Pro Gln Trp Ala Pro His Ser Ala Gly Leu
1 5 10

<210> 31721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31721
Ser Met Thr Thr Ile Ser Arg Ala Thr Trp
1 5 10

<210> 31722
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31722
Met Pro Pro Leu Leu His Pro Gln Trp Ala
1 5 10

<210> 31723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31723
Arg Phe Arg Arg Gly Pro Leu Arg Gln
1 5

<210> 31724
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31724
Arg Pro Arg Phe Arg Arg Gly Pro Leu
1 5

<210> 31725
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31725

Arg Pro Arg Phe Arg Arg Gly Pro Leu Arg
1 5 10

<210> 31726
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31726
Arg Phe Arg Arg Gly Pro Leu Arg Gln Arg
1 5 10

<210> 31727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31727
Arg Trp Cys Pro His Pro Ser Ser Thr
1 5

<210> 31728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31728
His Pro Ser Ser Thr Asp Gly Gly Leu
1 5

<210> 31729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31729
Cys Glu Ala Pro Gly Leu Pro Thr Ser
1 5

<210> 31730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31730
Gly Gln Arg Pro Arg Arg Trp Cys Pro His
1 5 10

<210> 31731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31731
Arg Pro Arg Arg Trp Cys Pro His Pro Ser
1 5 10

<210> 31732
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31732
Ala Pro Gly Leu Pro Thr Ser Ser Ser Leu
1 5 10

<210> 31733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31733
Arg Arg Trp Cys Pro His Pro Ser Ser Thr
1 5 10

<210> 31734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31734
Cys Glu Ala Pro Gly Leu Pro Thr Ser Ser
1 5 10

<210> 31735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31735
Lys Thr Ser Thr Pro Leu Thr Ser Ile
1 5

<210> 31736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31736
Ser Ile Ser Pro Arg Trp Pro Ser Leu
1 5

<210> 31737
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31737
Leu Gly Trp His Trp Ala Phe Arg Lys
1 5

<210> 31738
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31738
Trp Leu Gly Trp His Trp Ala Phe Arg
1 5

<210> 31739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31739
Ile Ser Pro Arg Trp Pro Ser Leu Leu
1 5

<210> 31740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31740
Ser Trp Leu Gly Trp His Trp Ala Phe
1 5

<210> 31741
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31741
Ala Phe Arg Lys Gly Ser Pro Arg Arg
1 5

<210> 31742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31742
Lys Gly Ser Pro Arg Arg Cys Trp Ala

1 5

<210> 31743
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31743
Thr Pro Leu Thr Ser Ile Ser Pro Arg
1 5

<210> 31744
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31744
Trp Ala Phe Arg Lys Gly Ser Pro Arg
1 5

<210> 31745
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31745
Cys Trp Ala Cys Val Gln Ala Gln Arg
1 5

<210> 31746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31746
Pro Pro Gly Lys Thr Ser Thr Pro Leu
1 5

<210> 31747

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31747
Ser Pro Arg Trp Pro Ser Leu Leu Thr
1 5

<210> 31748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31748
Ser Pro Arg Arg Cys Trp Ala Cys Val
1 5

<210> 31749
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31749
Leu Leu Thr Cys Ser Trp Leu Gly Trp
1 5

<210> 31750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31750
Arg Lys Gly Ser Pro Arg Arg Cys Trp
1 5

<210> 31751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31751
Val Gln Ala Gln Arg Trp Cys Gly Trp
1 5

<210> 31752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31752
Trp Pro Ser Leu Leu Thr Cys Ser Trp
1 5

<210> 31753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31753
Trp Ala Cys Val Gln Ala Gln Arg Trp
1 5

<210> 31754
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31754
Ser Ile Ser Pro Arg Trp Pro Ser Leu Leu
1 5 10

<210> 31755
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31755
Trp Leu Gly Trp His Trp Ala Phe Arg Lys
1 5 10

<210> 31756
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31756
Ser Thr Pro Leu Thr Ser Ile Ser Pro Arg
1 5 10

<210> 31757
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31757
Ser Trp Leu Gly Trp His Trp Ala Phe Arg
1 5 10

<210> 31758
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31758
Arg Trp Pro Ser Leu Leu Thr Cys Ser Trp
1 5 10

<210> 31759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31759
Ser Leu Leu Thr Cys Ser Trp Leu Gly Trp
1 5 10

<210> 31760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31760
Cys Ser Trp Leu Gly Trp His Trp Ala Phe
1 5 10

<210> 31761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31761
Cys Trp Ala Cys Val Gln Ala Gln Arg Trp
1 5 10

<210> 31762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31762
Thr Ser Ile Ser Pro Arg Trp Pro Ser Leu
1 5 10

<210> 31763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31763
His Trp Ala Phe Arg Lys Gly Ser Pro Arg
1 5 10

<210> 31764
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31764
Trp Ala Phe Arg Lys Gly Ser Pro Arg Arg
1 5 10

<210> 31765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31765
Ala Pro Leu Pro Pro Gly Lys Thr Ser Thr
1 5 10

<210> 31766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31766
Leu Pro Pro Gly Lys Thr Ser Thr Pro Leu
1 5 10

<210> 31767
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31767
Ser Pro Arg Trp Pro Ser Leu Leu Thr Cys
1 5 10

<210> 31768
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31768
Trp Pro Ser Leu Leu Thr Cys Ser Trp Leu
1 5 10

<210> 31769
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31769
Gly Lys Thr Ser Thr Pro Leu Thr Ser Ile
1 5 10

<210> 31770
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31770
Thr Pro Leu Thr Ser Ile Ser Pro Arg Trp
1 5 10

<210> 31771
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31771
Leu Gly Leu His Gly Thr Met Glu Lys
1 5

<210> 31772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31772
Thr Met Glu Lys Ser Glu Gly Met Lys
1 5

<210> 31773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31773
Cys Ile His Ile Thr Gly Met Ser Leu
1 5

<210> 31774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31774
Ile His Ile Thr Gly Met Ser Leu Leu
1 5

<210> 31775
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31775
Ser Leu Leu Gly Leu His Gly Thr Met
1 5

<210> 31776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31776
Glu Lys Ser Glu Gly Met Lys Ser Phe
1 5

<210> 31777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31777
Cys Ile His Ile Thr Gly Met Ser Leu Leu
1 5 10

<210> 31778
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31778
His Ile Thr Gly Met Ser Leu Leu Gly Leu
1 5 10

<210> 31779
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31779
Gly Met Ser Leu Leu Gly Leu His Gly Thr
1 5 10

<210> 31780
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31780
Leu Leu Gly Leu His Gly Thr Met Glu Lys
1 5 10

<210> 31781
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31781
Gly Thr Met Glu Lys Ser Glu Gly Met Lys
1 5 10

<210> 31782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31782
Met Glu Lys Ser Glu Gly Met Lys Ser Phe
1 5 10

<210> 31783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31783
Met Ser Leu Leu Gly Leu His Gly Thr Met
1 5 10

<210> 31784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31784
Gly Glu Lys Cys Ile His Ile Thr Gly Met
1 5 10

<210> 31785
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31785
Lys Cys Ile His Ile Thr Gly Met Ser Leu
1 5 10

<210> 31786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31786
Phe Leu Pro Gly Tyr Asp Lys Ile Val
1 5

<210> 31787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31787
Leu Ile Phe Leu Pro Gly Tyr Asp Lys
1 5

<210> 31788
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31788
Ile Phe Leu Pro Gly Tyr Asp Lys Ile
1 5

<210> 31789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31789

Val Leu Ile Phe Leu Pro Gly Tyr Asp Lys
1 5 10

<210> 31790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31790
Leu Pro Gly Tyr Asp Lys Ile Val Gly Leu
1 5 10

<210> 31791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31791
Arg Gly Glu Ser Lys Phe Asp Ser Phe
1 5

<210> 31792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31792
Ile Pro Val Lys Arg Gly Glu Ser Lys Phe
1 5 10

<210> 31793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31793
Lys Arg Gly Glu Ser Lys Phe Asp Ser Phe
1 5 10

<210> 31794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31794
Ser Lys Phe Asp Ser Phe Arg Gln Ser Leu
1 5 10

<210> 31795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31795
Trp Gln His Arg Gly Arg Gly Cys Leu
1 5

<210> 31796
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31796
Trp Gln His Arg Gly Arg Gly Cys Leu Pro
1 5 10

<210> 31797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31797
Tyr Gln Gly Leu Glu Ile Phe Phe Ile
1 5

<210> 31798
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31798
Lys Gln Tyr Gln Gly Leu Glu Ile Phe
1 5

<210> 31799
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31799
Gln Tyr Gln Gly Leu Glu Ile Phe Phe
1 5

<210> 31800
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31800
Gln Gly Leu Glu Ile Phe Phe Ile Phe
1 5

<210> 31801
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31801
Thr Lys Gln Tyr Gln Gly Leu Glu Ile
1 5

<210> 31802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31802
Leu Glu Ile Phe Phe Ile Phe Asp Thr
1 5

<210> 31803
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31803
Lys Gln Tyr Gln Gly Leu Glu Ile Phe Phe
1 5 10

<210> 31804
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31804
Gln Tyr Gln Gly Leu Glu Ile Phe Phe Ile
1 5 10

<210> 31805
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31805
Tyr Gln Gly Leu Glu Ile Phe Phe Ile Phe
1 5 10

<210> 31806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31806
Ile Thr Lys Gln Tyr Gln Gly Leu Glu Ile

1 5 10

<210> 31807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31807
Ile Phe Phe Ile Phe Asp Thr Asn Glu Arg
1 5 10

<210> 31808
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31808
Thr Lys Gln Tyr Gln Gly Leu Glu Ile Phe
1 5 10

<210> 31809
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31809
Leu Val Cys Leu Glu Cys Gly Asp Tyr
1 5

<210> 31810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31810
Leu Leu Val Cys Leu Glu Cys Gly Asp Tyr
1 5 10

<210> 31811

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31811
Arg Glu Ser Pro Leu Ala Ser Ser Ser
1 5

<210> 31812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31812
Arg Glu Ser Pro Leu Ala Ser Ser Ser Pro
1 5 10

<210> 31813
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31813
Ala Pro Gln Ala Trp Trp Pro Ala Arg
1 5

<210> 31814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31814
His Ser Ala Ser Asn Gly Thr Pro Leu
1 5

<210> 31815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31815
Leu Ala Pro Gln Ala Trp Trp Pro Ala
1 5

<210> 31816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31816
Thr Pro Leu Gln Ala His Pro Gln Val
1 5

<210> 31817
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31817
Trp Pro Ala Arg Arg Gly Pro Leu Thr
1 5

<210> 31818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31818
Trp Trp Pro Ala Arg Arg Gly Pro Leu
1 5

<210> 31819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31819
Leu Gln Ala His Pro Gln Val Pro Ala
1 5

<210> 31820
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31820
Gln Ala His Pro Gln Val Pro Ala Leu
1 5

<210> 31821
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31821
Val Pro Ala Leu Ala Pro Gln Ala Trp
1 5

<210> 31822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31822
Leu Gln Ala His Pro Gln Val Pro Ala Leu
1 5 10

<210> 31823
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31823
Ala Leu Ala Pro Gln Ala Trp Trp Pro Ala
1 5 10

<210> 31824
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31824
Ala Trp Trp Pro Ala Arg Arg Gly Pro Leu
1 5 10

<210> 31825
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31825
Leu Ala Pro Gln Ala Trp Trp Pro Ala Arg
1 5 10

<210> 31826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31826
Ala Pro Gln Ala Trp Trp Pro Ala Arg Arg
1 5 10

<210> 31827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31827
Trp Pro Ala Arg Arg Gly Pro Leu Thr Ser
1 5 10

<210> 31828
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31828
Leu His Ser Ala Ser Asn Gly Thr Pro Leu
1 5 10

<210> 31829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31829
Thr Ser Ala Pro Ser Ala Gln Gln Ser Leu
1 5 10

<210> 31830
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31830
Ala Gln Gln Ser Leu Thr Lys Ser Ser Ser
1 5 10

<210> 31831
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31831
Val Pro Ala Leu Ala Pro Gln Ala Trp Trp
1 5 10

<210> 31832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31832
Gln Leu Gln Asn Leu Ile Ile Ser Ala
1 5

<210> 31833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31833
Leu Gln Asn Leu Ile Ile Ser Ala Gln
1 5

<210> 31834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31834
Glu Gln Leu Gln Asn Leu Ile Ile Ser Ala
1 5 10

<210> 31835
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31835
Gln Pro Glu Gln Leu Gln Asn Leu Ile Ile
1 5 10

<210> 31836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31836
Val Leu Lys Lys Thr Arg Asn Val Phe
1 5

<210> 31837
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31837
Val Leu Lys Lys Thr Arg Asn Val Phe Arg
1 5 10

<210> 31838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31838
Val Thr Gln Asp Val Leu Lys Lys Thr Arg
1 5 10

<210> 31839
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31839
Val Leu Leu Gln Glu Leu His Ala Leu
1 5

<210> 31840
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31840
His Leu Arg Gly Pro Leu His Gln Ala
1 5

<210> 31841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31841
Arg Leu Arg Cys Leu Ser Gln Leu Pro
1 5

<210> 31842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31842
His Val His His Leu Arg Gly Pro Leu
1 5

<210> 31843
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31843
Gln Leu Arg Pro Gln Glu Pro His Ala
1 5

<210> 31844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31844
His Ala His Pro His Gly Arg Ala Ala
1 5

<210> 31845
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31845
His Gly Arg Ala Ala Leu Pro Val Arg
1 5

<210> 31846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31846
Ala Ala Leu Pro Val Arg Val Leu Leu
1 5

<210> 31847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31847
Arg Val Leu Leu Gln Glu Leu His Ala
1 5

<210> 31848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31848
Ala Ala Ala Ala His Glu Asp Pro Tyr
1 5

<210> 31849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31849
Glu Ala Ile His Val His His Leu Arg
1 5

<210> 31850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31850
His Pro Pro Gly Arg Pro Leu Pro Thr
1 5

<210> 31851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31851
Arg Pro Leu Pro Thr Leu Ala Pro Gly
1 5

<210> 31852
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31852
His Ala Glu Ala His Arg Gly Ala Ala
1 5

<210> 31853
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31853

His Pro Leu Gln Arg Gln Val Arg Ala
1 5

<210> 31854
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31854
Leu Gln Arg Gln Val Arg Ala Gln Leu
1 5

<210> 31855
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31855
Arg Ala Ala Leu Pro Val Arg Val Leu
1 5

<210> 31856
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31856
Ser Gln Leu Pro Glu Cys His Pro Pro
1 5

<210> 31857
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31857
Arg Ala Gln Ala Glu Ala Gln Gly Leu
1 5

<210> 31858
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31858
Ala Glu Ala Gln Gly Leu Ser Ala Val
1 5

<210> 31859
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31859
Ala Gln Gly Leu Ser Ala Val Pro His
1 5

<210> 31860
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31860
Ser His His Gly Gly Arg Glu Ala Ala
1 5

<210> 31861
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31861
Gly Glu Ala Ile His Val His His Leu
1 5

<210> 31862
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31862
Ala Glu Asn Pro His Ala Glu Ala His
1 5

<210> 31863
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31863
Ala Glu Ala His Arg Gly Ala Ala Leu
1 5

<210> 31864
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31864
Ala His Arg Gly Ala Ala Leu Pro Val
1 5

<210> 31865
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31865
Gly Ala Ala Leu Pro Val His Pro Leu
1 5

<210> 31866
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31866
Arg Gln Val Arg Ala Gln Leu Arg Pro
1 5

<210> 31867
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31867
Ala Gln Leu Arg Pro Gln Glu Pro His
1 5

<210> 31868
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31868
Phe Pro Asp Leu Pro Gly Gly Ala Ser
1 5

<210> 31869
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31869
Asp Pro Tyr Arg Gly Glu Ala Ile His
1 5

<210> 31870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31870
Asp Met Phe Pro Asp Leu Pro Gly Gly Ala

1 5 10

<210> 31871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31871
Thr Leu Ala Pro Gly Arg Arg Ala Gln Ala
1 5 10

<210> 31872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31872
Ala Gln Ala Glu Ala Gln Gly Leu Ser Ala
1 5 10

<210> 31873
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31873
Gly Gln Ala Glu Asn Pro His Ala Glu Ala
1 5 10

<210> 31874
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31874
Ala Ala Ala Ala His Glu Asp Pro Tyr Arg
1 5 10

<210> 31875

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31875
Ala Ala Leu Pro Val His Pro Leu Gln Arg
1 5 10

<210> 31876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31876
Arg Leu Arg Cys Leu Ser Gln Leu Pro Glu
1 5 10

<210> 31877
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31877
His Val His His Leu Arg Gly Pro Leu His
1 5 10

<210> 31878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31878
Leu Gln Arg Gln Val Arg Ala Gln Leu Arg
1 5 10

<210> 31879
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31879
His Ala His Pro His Gly Arg Ala Ala Leu
1 5 10

<210> 31880
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31880
His Gly Arg Ala Ala Leu Pro Val Arg Val
1 5 10

<210> 31881
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31881
Arg Ala Ala Leu Pro Val Arg Val Leu Leu
1 5 10

<210> 31882
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31882
Arg Val Leu Leu Gln Glu Leu His Ala Leu
1 5 10

<210> 31883
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31883
His Leu Pro Gln Ser His His Gly Gly Arg
1 5 10

<210> 31884
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31884
Glu Ala His Arg Gly Ala Ala Leu Pro Val
1 5 10

<210> 31885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31885
His Pro Pro Gly Arg Pro Leu Pro Thr Leu
1 5 10

<210> 31886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31886
Ala Pro Gly Arg Arg Ala Gln Ala Glu Ala
1 5 10

<210> 31887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31887
His Ala Glu Ala His Arg Gly Ala Ala Leu
1 5 10

<210> 31888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31888
Leu Pro Val His Pro Leu Gln Arg Gln Val
1 5 10

<210> 31889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31889
Arg Pro Gln Glu Pro His Ala His Pro His
1 5 10

<210> 31890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31890
His Pro His Gly Arg Ala Ala Leu Pro Val
1 5 10

<210> 31891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31891
Leu Pro Val Arg Val Leu Leu Gln Glu Leu
1 5 10

<210> 31892
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31892
Glu Ala Ala Ala Ala His Glu Asp Pro Tyr
1 5 10

<210> 31893
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31893
His Gln Gly Gly Glu Arg Leu Arg Cys Leu
1 5 10

<210> 31894
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31894
Gly Glu Arg Leu Arg Cys Leu Ser Gln Leu
1 5 10

<210> 31895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31895
Ser Gln Leu Pro Glu Cys His Pro Pro Gly
1 5 10

<210> 31896
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31896
Arg Arg Ala Gln Ala Glu Ala Gln Gly Leu
1 5 10

<210> 31897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31897
Ala Gln Gly Leu Ser Ala Val Pro His Leu
1 5 10

<210> 31898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31898
His Glu Asp Pro Tyr Arg Gly Glu Ala Ile
1 5 10

<210> 31899
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31899
Ile His Val His His Leu Arg Gly Pro Leu
1 5 10

<210> 31900
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31900
His Gln Ala Gly Gln Ala Glu Asn Pro His
1 5 10

<210> 31901
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31901
Ala His Arg Gly Ala Ala Leu Pro Val His
1 5 10

<210> 31902
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31902
Arg Gly Ala Ala Leu Pro Val His Pro Leu
1 5 10

<210> 31903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31903
Arg Gln Val Arg Ala Gln Leu Arg Pro Gln
1 5 10

<210> 31904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31904
Ala Gln Leu Arg Pro Gln Glu Pro His Ala
1 5 10

<210> 31905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31905
Gly Arg Ala Ala Leu Pro Val Arg Val Leu
1 5 10

<210> 31906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31906
Phe Pro Asp Leu Pro Gly Gly Ala Ser Gly
1 5 10

<210> 31907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31907
Ala Glu Ala Gln Gly Leu Ser Ala Val Pro
1 5 10

<210> 31908
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31908
Asp Pro Tyr Arg Gly Glu Ala Ile His Val
1 5 10

<210> 31909
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31909
Thr Met Met Thr Arg Arg Thr Leu Leu
1 5

<210> 31910
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31910
Ser Leu Thr Pro Ser Arg Leu Ala Val
1 5

<210> 31911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31911
Cys Leu Thr Pro Arg Thr Ser Ala Ala
1 5

<210> 31912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31912
Lys Met Met Met Met Arg Arg Thr Lys
1 5

<210> 31913
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31913
Met Met Met Met Arg Arg Thr Lys Arg
1 5

<210> 31914
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31914
Met Met Met Arg Arg Thr Lys Arg Arg
1 5

<210> 31915
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31915
Met Thr Arg Arg Thr Leu Leu Thr Lys
1 5

<210> 31916
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31916
Gly Thr Gly Gly Arg Arg Met Thr Arg
1 5

<210> 31917
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31917

Thr Thr Thr Lys Met Met Met Met Arg
1 5

<210> 31918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31918
Thr Thr Lys Met Met Met Met Arg Arg
1 5

<210> 31919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31919
Ser Ala Ala Thr Lys Ala Leu Pro Arg
1 5

<210> 31920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31920
Arg Met Thr Arg Arg Thr Met Thr Thr
1 5

<210> 31921
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31921
Met Thr Arg Arg Thr Met Thr Thr Thr
1 5

<210> 31922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31922
Thr Arg Arg Thr Met Thr Thr Thr Lys
1 5

<210> 31923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31923
Arg Thr Met Thr Thr Thr Lys Met Met
1 5

<210> 31924
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31924
Met Met Arg Arg Thr Lys Arg Arg Arg
1 5

<210> 31925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31925
Arg Thr Lys Arg Arg Arg Arg Lys Arg
1 5

<210> 31926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31926
Arg Arg Arg Met Thr Met Met Thr Arg
1 5

<210> 31927
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31927
Met Thr Met Met Thr Arg Arg Thr Leu
1 5

<210> 31928
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31928
Arg Thr Ser Ala Ala Thr Lys Ala Leu
1 5

<210> 31929
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31929
Met Thr Thr Thr Lys Met Met Met Met
1 5

<210> 31930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31930
Gln Thr Ile Ser Gln Arg Arg Pro Ile
1 5

<210> 31931
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31931
Arg Arg Lys Arg Arg Arg Met Thr Met
1 5

<210> 31932
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31932
Thr Leu Leu Thr Lys Lys Thr Cys Leu
1 5

<210> 31933
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31933
Ile Gln Thr Pro Pro Gly Thr Ser Leu
1 5

<210> 31934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31934
Arg Arg Thr Met Thr Thr Thr Lys Met

1 5

<210> 31935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31935
Thr Met Thr Thr Thr Lys Met Met Met
1 5

<210> 31936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31936
Arg Lys Arg Arg Arg Met Thr Met Met
1 5

<210> 31937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31937
Thr Lys Ala Leu Pro Arg Gln Thr Ile
1 5

<210> 31938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31938
Ser Gln Arg Arg Pro Ile Gln Thr Pro
1 5

<210> 31939

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31939
Ser Arg Leu Ala Val Leu Ala Ile Trp
1 5

<210> 31940
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31940
Thr Met Met Thr Arg Arg Thr Leu Leu Thr
1 5 10

<210> 31941
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31941
Cys Leu Thr Pro Arg Thr Ser Ala Ala Thr
1 5 10

<210> 31942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31942
Ser Leu Thr Pro Ser Arg Leu Ala Val Leu
1 5 10

<210> 31943
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31943
Met Thr Arg Arg Thr Met Thr Thr Thr Lys
1 5 10

<210> 31944
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31944
Lys Met Met Met Met Arg Arg Thr Lys Arg
1 5 10

<210> 31945
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31945
Met Met Met Met Arg Arg Thr Lys Arg Arg
1 5 10

<210> 31946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31946
Met Met Met Arg Arg Thr Lys Arg Arg Arg
1 5 10

<210> 31947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31947
Met Met Thr Arg Arg Thr Leu Leu Thr Lys
1 5 10

<210> 31948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31948
Met Thr Arg Arg Thr Leu Leu Thr Lys Lys
1 5 10

<210> 31949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31949
Met Thr Thr Thr Lys Met Met Met Met Arg
1 5 10

<210> 31950
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31950
Thr Thr Thr Lys Met Met Met Met Arg Arg
1 5 10

<210> 31951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31951
Leu Thr Pro Arg Thr Ser Ala Ala Thr Lys
1 5 10

<210> 31952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31952
Thr Ser Ala Ala Thr Lys Ala Leu Pro Arg
1 5 10

<210> 31953
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31953
Arg Thr Met Thr Thr Thr Lys Met Met Met
1 5 10

<210> 31954
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31954
Met Met Arg Arg Thr Lys Arg Arg Arg Arg
1 5 10

<210> 31955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31955
Met Arg Arg Thr Lys Arg Arg Arg Arg Lys
1 5 10

<210> 31956
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31956
Arg Thr Lys Arg Arg Arg Arg Lys Arg Arg
1 5 10

<210> 31957
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31957
Arg Arg Arg Lys Arg Arg Arg Met Thr Met
1 5 10

<210> 31958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31958
Lys Arg Arg Arg Met Thr Met Met Thr Arg
1 5 10

<210> 31959
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31959
Arg Arg Arg Met Thr Met Met Thr Arg Arg
1 5 10

<210> 31960
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31960
Arg Met Thr Met Met Thr Arg Arg Thr Leu
1 5 10

<210> 31961
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31961
Met Thr Met Met Thr Arg Arg Thr Leu Leu
1 5 10

<210> 31962
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31962
Arg Thr Leu Leu Thr Lys Lys Thr Cys Leu
1 5 10

<210> 31963
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31963
Leu Thr Lys Lys Thr Cys Leu Thr Pro Arg
1 5 10

<210> 31964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31964
Lys Thr Cys Leu Thr Pro Arg Thr Ser Ala
1 5 10

<210> 31965
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31965
Ala Thr Lys Ala Leu Pro Arg Gln Thr Ile
1 5 10

<210> 31966
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31966
Arg Gln Thr Ile Ser Gln Arg Arg Pro Ile
1 5 10

<210> 31967
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31967
Thr Pro Arg Thr Ser Ala Ala Thr Lys Ala
1 5 10

<210> 31968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31968
Thr Pro Ser Arg Leu Ala Val Leu Ala Ile
1 5 10

<210> 31969
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31969
Arg Arg Lys Arg Arg Arg Met Thr Met Met
1 5 10

<210> 31970
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31970
Arg Met Thr Arg Arg Thr Met Thr Thr Thr
1 5 10

<210> 31971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31971
Thr Arg Arg Thr Met Thr Thr Thr Lys Met
1 5 10

<210> 31972
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31972
Arg Arg Thr Met Thr Thr Thr Lys Met Met
1 5 10

<210> 31973
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31973
Thr Met Thr Thr Thr Lys Met Met Met Met
1 5 10

<210> 31974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31974
Ser Gln Arg Arg Pro Ile Gln Thr Pro Pro
1 5 10

<210> 31975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31975
Ile Gln Thr Pro Pro Gly Thr Ser Leu Thr
1 5 10

<210> 31976
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31976
Thr Met Met Thr Arg Arg Thr Leu Leu
1 5

<210> 31977
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31977
Ser Leu Thr Pro Ser Arg Leu Ala Val
1 5

<210> 31978
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31978
Cys Leu Thr Pro Arg Thr Ser Ala Ala
1 5

<210> 31979
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31979
Lys Met Met Met Met Arg Arg Thr Lys
1 5

<210> 31980
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31980
Met Met Met Met Arg Arg Thr Lys Arg
1 5

<210> 31981
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31981

Met Met Met Arg Arg Thr Lys Arg Arg
1 5

<210> 31982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31982
Met Thr Arg Arg Thr Leu Leu Thr Lys
1 5

<210> 31983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31983
Thr Thr Thr Lys Met Met Met Met Arg
1 5

<210> 31984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31984
Thr Thr Lys Met Met Met Met Arg Arg
1 5

<210> 31985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31985
Ser Ala Ala Thr Lys Ala Leu Pro Arg
1 5

<210> 31986
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31986
Arg Met Thr Arg Arg Thr Met Thr Thr
1 5

<210> 31987
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31987
Met Thr Arg Arg Thr Met Thr Thr Thr
1 5

<210> 31988
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31988
Thr Arg Arg Thr Met Thr Thr Thr Lys
1 5

<210> 31989
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31989
Arg Thr Met Thr Thr Thr Lys Met Met
1 5

<210> 31990
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31990
Met Met Arg Arg Thr Lys Arg Arg Arg
1 5

<210> 31991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31991
Arg Thr Lys Arg Arg Arg Arg Lys Arg
1 5

<210> 31992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31992
Arg Arg Arg Met Thr Met Met Thr Arg
1 5

<210> 31993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 31993
Met Thr Met Met Thr Arg Arg Thr Leu
1 5

<210> 31994
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 31994
Arg Thr Ser Ala Ala Thr Lys Ala Leu
1 5

<210> 31995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31995
Met Thr Thr Thr Lys Met Met Met Met
1 5

<210> 31996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31996
Gln Thr Ile Ser Gln Arg Arg Pro Ile
1 5

<210> 31997
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31997
Arg Arg Lys Arg Arg Arg Met Thr Met
1 5

<210> 31998
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31998
Thr Leu Leu Thr Lys Lys Thr Cys Leu

1 5

<210> 31999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 31999
Ile Gln Thr Pro Pro Gly Thr Ser Leu
1 5

<210> 32000
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32000
Arg Arg Thr Met Thr Thr Thr Lys Met
1 5

<210> 32001
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32001
Thr Met Thr Thr Thr Lys Met Met Met
1 5

<210> 32002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32002
Arg Lys Arg Arg Arg Met Thr Met Met
1 5

<210> 32003

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32003
Thr Lys Ala Leu Pro Arg Gln Thr Ile
1 5

<210> 32004
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32004
Ser Gln Arg Arg Pro Ile Gln Thr Pro
1 5

<210> 32005
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32005
Ser Arg Leu Ala Val Leu Ala Ile Trp
1 5

<210> 32006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32006
Thr Met Met Thr Arg Arg Thr Leu Leu Thr
1 5 10

<210> 32007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32007
Cys Leu Thr Pro Arg Thr Ser Ala Ala Thr
1 5 10

<210> 32008
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32008
Ser Leu Thr Pro Ser Arg Leu Ala Val Leu
1 5 10

<210> 32009
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32009
Met Thr Arg Arg Thr Met Thr Thr Thr Lys
1 5 10

<210> 32010
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32010
Lys Met Met Met Met Arg Arg Thr Lys Arg
1 5 10

<210> 32011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32011
Met Met Met Met Arg Arg Thr Lys Arg Arg
1 5 10

<210> 32012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32012
Met Met Met Arg Arg Thr Lys Arg Arg Arg
1 5 10

<210> 32013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32013
Met Met Thr Arg Arg Thr Leu Leu Thr Lys
1 5 10

<210> 32014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32014
Met Thr Arg Arg Thr Leu Leu Thr Lys Lys
1 5 10

<210> 32015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32015
Met Thr Thr Thr Lys Met Met Met Met Arg
1 5 10

<210> 32016
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32016
Thr Thr Thr Lys Met Met Met Met Arg Arg
1 5 10

<210> 32017
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32017
Leu Thr Pro Arg Thr Ser Ala Ala Thr Lys
1 5 10

<210> 32018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32018
Thr Ser Ala Ala Thr Lys Ala Leu Pro Arg
1 5 10

<210> 32019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32019
Arg Thr Met Thr Thr Thr Lys Met Met Met
1 5 10

<210> 32020
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32020
Met Met Arg Arg Thr Lys Arg Arg Arg Arg
1 5 10

<210> 32021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32021
Met Arg Arg Thr Lys Arg Arg Arg Arg Lys
1 5 10

<210> 32022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32022
Arg Thr Lys Arg Arg Arg Arg Lys Arg Arg
1 5 10

<210> 32023
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32023
Arg Arg Arg Lys Arg Arg Arg Met Thr Met
1 5 10

<210> 32024
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32024
Lys Arg Arg Arg Met Thr Met Met Thr Arg
1 5 10

<210> 32025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32025
Arg Arg Arg Met Thr Met Met Thr Arg Arg
1 5 10

<210> 32026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32026
Arg Met Thr Met Met Thr Arg Arg Thr Leu
1 5 10

<210> 32027
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32027
Met Thr Met Met Thr Arg Arg Thr Leu Leu
1 5 10

<210> 32028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32028
Arg Thr Leu Leu Thr Lys Lys Thr Cys Leu
1 5 10

<210> 32029
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32029
Leu Thr Lys Lys Thr Cys Leu Thr Pro Arg
1 5 10

<210> 32030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32030
Lys Thr Cys Leu Thr Pro Arg Thr Ser Ala
1 5 10

<210> 32031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32031
Ala Thr Lys Ala Leu Pro Arg Gln Thr Ile
1 5 10

<210> 32032
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32032
Arg Gln Thr Ile Ser Gln Arg Arg Pro Ile
1 5 10

<210> 32033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32033
Thr Pro Arg Thr Ser Ala Ala Thr Lys Ala
1 5 10

<210> 32034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32034
Thr Pro Ser Arg Leu Ala Val Leu Ala Ile
1 5 10

<210> 32035
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32035
Arg Arg Lys Arg Arg Arg Met Thr Met Met
1 5 10

<210> 32036
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32036
Arg Met Thr Arg Arg Thr Met Thr Thr Thr
1 5 10

<210> 32037
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32037
Thr Arg Arg Thr Met Thr Thr Thr Lys Met
1 5 10

<210> 32038
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32038
Arg Arg Thr Met Thr Thr Thr Lys Met Met
1 5 10

<210> 32039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32039
Thr Met Thr Thr Thr Lys Met Met Met Met
1 5 10

<210> 32040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32040
Ser Gln Arg Arg Pro Ile Gln Thr Pro Pro
1 5 10

<210> 32041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32041
Ile Gln Thr Pro Pro Gly Thr Ser Leu Thr
1 5 10

<210> 32042
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32042
Leu Pro Ser Pro Pro Gly Leu Gln Leu
1 5

<210> 32043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32043
Ser Gln Phe Ser Pro Gly Asp Leu Pro Ser
1 5 10

<210> 32044
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32044
Leu Met Lys Lys Gln Pro Ser Lys Val
1 5

<210> 32045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32045

Lys Val Ile Leu Ile Phe Leu Met Lys
1 5

<210> 32046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32046
Val Ile Leu Ile Phe Leu Met Lys Lys
1 5

<210> 32047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32047
Phe Leu Met Lys Lys Gln Pro Ser Lys
1 5

<210> 32048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32048
Lys Asn Pro Lys Val Ile Leu Ile Phe
1 5

<210> 32049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32049
Lys Gln Pro Ser Lys Val Arg Arg Lys
1 5

<210> 32050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32050
Lys Val Arg Arg Lys Glu Ala His Gly
1 5

<210> 32051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32051
Arg Lys Glu Ala His Gly Leu Pro Leu
1 5

<210> 32052
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32052
Phe Leu Met Lys Lys Gln Pro Ser Lys Val
1 5 10

<210> 32053
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32053
Lys Val Ile Leu Ile Phe Leu Met Lys Lys
1 5 10

<210> 32054
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32054
Ser Ile Glu Lys Asn Val Lys Asn Pro Lys
1 5 10

<210> 32055
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32055
Ile Phe Leu Met Lys Lys Gln Pro Ser Lys
1 5 10

<210> 32056
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32056
Leu Met Lys Lys Gln Pro Ser Lys Val Arg
1 5 10

<210> 32057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32057
Lys Val Arg Arg Lys Glu Ala His Gly Leu
1 5 10

<210> 32058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32058
Arg Arg Lys Glu Ala His Gly Leu Pro Leu
1 5 10

<210> 32059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32059
Gln Pro Ser Lys Val Arg Arg Lys Glu Ala
1 5 10

<210> 32060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32060
Val Lys Asn Pro Lys Val Ile Leu Ile Phe
1 5 10

<210> 32061
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32061
Asn Pro Lys Val Ile Leu Ile Phe Leu Met
1 5 10

<210> 32062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32062
Ile Glu Lys Asn Val Lys Asn Pro Lys Val

1 5 10

<210> 32063
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32063
Ala Lys Arg Gln Arg Gln Trp Gln Trp
1 5

<210> 32064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32064
Arg Thr Pro Pro Gln Glu Ala Asp Ala Lys
1 5 10

<210> 32065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32065
Arg Pro Ala Arg Thr Pro Pro Gln Glu Ala
1 5 10

<210> 32066
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32066
Arg Ala His Leu Trp Pro Thr Arg Arg
1 5

<210> 32067

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32067
Gln Gln Ala Pro Pro Gly Ser Pro Ser
1 5

<210> 32068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32068
Pro Ser Arg Ala His Leu Trp Pro Thr Arg
1 5 10

<210> 32069
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32069
Arg Ala His Leu Trp Pro Thr Arg Arg Ser
1 5 10

<210> 32070
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32070
Ser Pro Ser Arg Ala His Leu Trp Pro Thr
1 5 10

<210> 32071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32071
Ser Ser Lys Gln Asp Arg Glu Asn Lys
1 5

<210> 32072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32072
Lys Glu Gly Asp Thr Gly Asn Trp Tyr
1 5

<210> 32073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32073
Lys Ser Phe Asp His Lys Pro Arg Met
1 5

<210> 32074
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32074
Phe Ile Phe Leu Cys Glu Lys Ser Phe
1 5

<210> 32075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32075
Glu Phe Ile Phe Leu Cys Glu Lys Ser Phe
1 5 10

<210> 32076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32076
Lys Ser Phe Asp His Lys Pro Arg Met Ile
1 5 10

<210> 32077
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32077
Gly Glu Phe Ile Phe Leu Cys Glu Lys Ser
1 5 10

<210> 32078
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32078
Asn Val Cys Glu Glu Asn Asn Ser Pro Val
1 5 10

<210> 32079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32079
Lys Gln Phe Phe Gly Arg Val Ile Lys
1 5

<210> 32080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32080
Arg Ala Ile Asn Asn Lys Gln Phe Phe
1 5

<210> 32081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32081
Ile Asn Asn Lys Gln Phe Phe Gly Arg
1 5

<210> 32082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32082
Asn Lys Gln Phe Phe Gly Arg Val Ile
1 5

<210> 32083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32083
Ala Ile Asn Asn Lys Gln Phe Phe Gly Arg
1 5 10

<210> 32084
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32084
Phe Phe Gly Arg Val Ile Lys Ala Ser Ile
1 5 10

<210> 32085
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32085
Arg Ala Ile Asn Asn Lys Gln Phe Phe Gly
1 5 10

<210> 32086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32086
Lys Gln Phe Phe Gly Arg Val Ile Lys Ala
1 5 10

<210> 32087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32087
Cys Thr Arg Ala Ile Asn Asn Lys Gln Phe
1 5 10

<210> 32088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32088
Glu Phe Leu Gly Asn Pro His Ser Arg
1 5

<210> 32089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32089
Leu Gly Asn Pro His Ser Arg Ser Trp
1 5

<210> 32090
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32090
Ile Glu Phe Leu Gly Asn Pro His Ser
1 5

<210> 32091
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32091
Tyr His Ile Glu Phe Leu Gly Asn Pro His
1 5 10

<210> 32092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32092
Phe Leu Gly Asn Pro His Ser Arg Ser Trp
1 5 10

<210> 32093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32093
Gly Leu Val Gln Leu Gly Gln Leu Leu
1 5

<210> 32094
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32094
Val Gln Leu Gly Gln Leu Leu Ile Phe
1 5

<210> 32095
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32095
Leu Asp Phe Leu Gly Leu Val Gln Leu
1 5

<210> 32096
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32096
Leu Leu Asp Phe Leu Gly Leu Val Gln Leu
1 5 10

<210> 32097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32097
Phe Leu Gly Leu Val Gln Leu Gly Gln Leu
1 5 10

<210> 32098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32098
Gln Leu Gly Gln Leu Leu Ile Phe His Ile
1 5 10

<210> 32099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32099
Gly Leu Val Gln Leu Gly Gln Leu Leu Ile
1 5 10

<210> 32100
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32100
Leu Val Gln Leu Gly Gln Leu Leu Ile Phe
1 5 10

<210> 32101
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32101
Trp Ala Trp Cys Gln His Cys Pro Leu
1 5

<210> 32102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32102
Cys Gln His Cys Pro Leu Val Ala Trp
1 5

<210> 32103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32103
Trp Ala Trp Cys Gln His Cys Pro Leu Val
1 5 10

<210> 32104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32104
Glu Thr Glu Val Ala Leu Gln Pro Leu
1 5

<210> 32105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32105
Thr Glu Val Ala Leu Gln Pro Leu Leu
1 5

<210> 32106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32106
Ala Gln Pro Gly Val Ser Glu Thr Glu Val
1 5 10

<210> 32107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32107
Glu Thr Glu Val Ala Leu Gln Pro Leu Leu
1 5 10

<210> 32108
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32108
Ser Glu Thr Glu Val Ala Leu Gln Pro Leu
1 5 10

<210> 32109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32109

Thr Glu Val Ala Leu Gln Pro Leu Leu Thr
1 5 10

<210> 32110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32110
Lys Ser Val Phe Gly Gly Pro Pro His
1 5

<210> 32111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32111
Met Lys Ser Val Phe Gly Gly Pro Pro His
1 5 10

<210> 32112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32112
Lys Ala Arg Glu Lys Gly His Leu Glu
1 5

<210> 32113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32113
Lys Ala Arg Glu Lys Gly His Leu Glu Pro
1 5 10

<210> 32114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32114
Leu Glu Glu His Asp Gly His Ala Val
1 5

<210> 32115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32115
Glu Glu His Asp Gly His Ala Val Ser
1 5

<210> 32116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32116
Lys Leu Glu Glu His Asp Gly His Ala Val
1 5 10

<210> 32117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32117
Glu Glu His Asp Gly His Ala Val Ser Ile
1 5 10

<210> 32118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32118
Thr Ser Arg Ala Gly Leu Ala Ala Thr
1 5

<210> 32119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32119
Arg Ala Gly Leu Ala Ala Thr Ser Arg
1 5

<210> 32120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32120
Ala Thr Ser Arg Ala Gln Ala Val Ala
1 5

<210> 32121
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32121
Gly Leu Ala Ala Thr Ser Arg Ala Gln Ala
1 5 10

<210> 32122
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32122
Thr Ser Arg Ala Gln Ala Val Ala Ser Thr
1 5 10

<210> 32123
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32123
Leu Ala Ala Thr Ser Arg Ala Gln Ala Val
1 5 10

<210> 32124
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32124
Gln Ser Ala Ser Lys Asn Gly Asn Lys
1 5

<210> 32125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32125
Leu Gln Ser Ala Ser Lys Asn Gly Asn Lys
1 5 10

<210> 32126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32126
Arg Gln Pro Ile Ser Val Ala Pro Ala

1 5

<210> 32127
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32127
Arg Ser Ser Ala Thr Leu Pro Gly Arg
1 5

<210> 32128
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32128
Ser Ser Ala Thr Leu Pro Gly Arg Arg
1 5

<210> 32129
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32129
Ser Val Ala Pro Ala Gly Pro Pro Arg
1 5

<210> 32130
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32130
Ala Thr Leu Pro Gly Arg Arg Arg Arg
1 5

<210> 32131

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32131
Arg Arg Arg Arg Arg Trp Leu Arg Arg
1 5

<210> 32132
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32132
Arg Arg Arg Arg Gln Pro Ile Ser Val
1 5

<210> 32133
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32133
Ile Met Arg Pro Thr Trp Pro Gly Thr
1 5

<210> 32134
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32134
Thr Leu Pro Gly Arg Arg Arg Arg Arg
1 5

<210> 32135
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32135
Trp Leu Arg Arg Arg Arg Gln Pro Ile
1 5

<210> 32136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32136
Arg Pro Asn Gln Lys Pro Asn Pro Pro
1 5

<210> 32137
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32137
Arg Pro Thr Trp Pro Gly Thr Ser Ala
1 5

<210> 32138
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32138
Leu Gln Asn Gly Gly Gly Ser Arg Ser
1 5

<210> 32139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32139
Arg Arg Arg Gln Pro Ile Ser Val Ala
1 5

<210> 32140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32140
Arg Cys Val Ile Met Arg Pro Thr Trp
1 5

<210> 32141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32141
Pro Thr Trp Pro Gly Thr Ser Ala Phe
1 5

<210> 32142
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32142
Gln Pro Ile Ser Val Ala Pro Ala Gly
1 5

<210> 32143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32143
Arg Ser Ser Ala Thr Leu Pro Gly Arg Arg
1 5 10

<210> 32144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32144
Ile Ser Val Ala Pro Ala Gly Pro Pro Arg
1 5 10

<210> 32145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32145
Ser Val Ala Pro Ala Gly Pro Pro Arg Arg
1 5 10

<210> 32146
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32146
Arg Trp Leu Arg Arg Arg Arg Gln Pro Ile
1 5 10

<210> 32147
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32147
Gly Ser Arg Ser Ser Ala Thr Leu Pro Gly
1 5 10

<210> 32148
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32148
Ala Thr Leu Pro Gly Arg Arg Arg Arg Arg
1 5 10

<210> 32149
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32149
Arg Arg Arg Arg Arg Trp Leu Arg Arg Arg
1 5 10

<210> 32150
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32150
Arg Arg Arg Arg Gln Pro Ile Ser Val Ala
1 5 10

<210> 32151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32151
Ala Gly Pro Pro Arg Arg Pro Asn Gln Lys
1 5 10

<210> 32152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32152
Ile Met Arg Pro Thr Trp Pro Gly Thr Ser
1 5 10

<210> 32153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32153
Leu Pro Gly Arg Arg Arg Arg Arg Trp Leu
1 5 10

<210> 32154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32154
Arg Pro Asn Gln Lys Pro Asn Pro Pro Gly
1 5 10

<210> 32155
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32155
Arg Pro Thr Trp Pro Gly Thr Ser Ala Phe
1 5 10

<210> 32156
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32156
Trp Leu Arg Arg Arg Arg Gln Pro Ile Ser
1 5 10

<210> 32157
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32157
Leu Arg Arg Arg Arg Gln Pro Ile Ser Val
1 5 10

<210> 32158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32158
Leu Gln Asn Gly Gly Gly Ser Arg Ser Ser
1 5 10

<210> 32159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32159
Arg Arg Gln Pro Ile Ser Val Ala Pro Ala
1 5 10

<210> 32160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32160
His Thr Ala Gly Ala Ala Ala Ala Ala Ala
1 5 10

<210> 32161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32161
Thr Ala Arg Cys Leu Glu Gly Gln Arg
1 5

<210> 32162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32162
Ser Glu Gly Asn Thr Ala Arg Cys Leu
1 5

<210> 32163
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32163
Glu Glu Arg Val Gly Thr Arg Gly Trp
1 5

<210> 32164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32164
Asn Thr Ala Arg Cys Leu Glu Gly Gln Arg
1 5 10

<210> 32165
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32165
Gly Gln Arg Arg Gly Gly Arg Gly Gln His
1 5 10

<210> 32166
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32166
Gly Gln His Arg Ser Glu Gly Asn Thr Ala
1 5 10

<210> 32167
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32167
Arg Glu Glu Arg Val Gly Thr Arg Gly Trp
1 5 10

<210> 32168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32168
Glu Glu Arg Val Gly Thr Arg Gly Trp Phe
1 5 10

<210> 32169
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32169
Ala Glu Val Asn Leu Gly Gly Ala Val
1 5

<210> 32170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32170
Ile Gln His Asn Leu His Phe Gly Leu
1 5

<210> 32171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32171
Asn Leu His Phe Gly Leu Ala Pro Ala
1 5

<210> 32172
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32172
Lys Gln Ile Gln His Asn Leu His Phe
1 5

<210> 32173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32173

Met Lys Gln Ile Gln His Asn Leu His Phe
1 5 10

<210> 32174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32174
Lys Gln Ile Gln His Asn Leu His Phe Gly
1 5 10

<210> 32175
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32175
Ile Gln His Asn Leu His Phe Gly Leu Ala
1 5 10

<210> 32176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32176
Leu His Phe Gly Leu Ala Pro Ala Glu Ala
1 5 10

<210> 32177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32177
Asn Ser Lys Asp Asn His Leu Asp Ala Lys
1 5 10

<210> 32178
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32178
Gln Gln His Met His Phe Leu Ala Ala
1 5

<210> 32179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32179
Glu Leu Trp Gln Glu Gln Gln His Met
1 5

<210> 32180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32180
Trp Gln Glu Gln Gln His Met His Phe
1 5

<210> 32181
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32181
Gln Glu Gln Gln His Met His Phe Leu
1 5

<210> 32182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32182
Leu Trp Gln Glu Gln Gln His Met His Phe
1 5 10

<210> 32183
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32183
Leu Glu Leu Trp Gln Glu Gln Gln His Met
1 5 10

<210> 32184
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32184
Trp Gln Glu Gln Gln His Met His Phe Leu
1 5 10

<210> 32185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32185
Glu Gln Gln His Met His Phe Leu Ala Ala
1 5 10

<210> 32186
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32186
Gln Gln His Met His Phe Leu Ala Ala Gln
1 5 10

<210> 32187
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32187
Gln Glu Gln Gln His Met His Phe Leu Ala
1 5 10

<210> 32188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32188
Arg Leu Arg Gln Gln Leu Val Cys His
1 5

<210> 32189
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32189
Gln Gln Leu Val Cys His Gln Arg Ile
1 5

<210> 32190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32190
Arg Gln Gln Leu Val Cys His Gln Arg Ile

1 5 10

<210> 32191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32191
Leu Val Cys His Gln Arg Ile His Thr Arg
1 5 10

<210> 32192
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32192
Gln Gln Leu Val Cys His Gln Arg Ile His
1 5 10

<210> 32193
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32193
Asp Phe Ser Leu Glu Glu Trp Glu Phe
1 5

<210> 32194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32194
Arg Asp Val Ala Ile Asp Phe Ser Leu
1 5

<210> 32195

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32195
Val Ala Ile Asp Phe Ser Leu Glu Glu Trp
1 5 10

<210> 32196
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32196
Ile Asp Phe Ser Leu Glu Glu Trp Glu Phe
1 5 10

<210> 32197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32197
Leu Glu Glu Trp Glu Phe Leu Asp Pro Ala
1 5 10

<210> 32198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32198
Arg Ser Ser Leu Thr Val His Gln Ile
1 5

<210> 32199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32199
Ser Ser Leu Thr Val His Gln Ile Ile
1 5

<210> 32200
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32200
Arg Ser Ser Leu Thr Val His Gln Ile Ile
1 5 10

<210> 32201
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32201
Gln Ile Ile His Thr Glu Glu Arg Tyr
1 5

<210> 32202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32202
His Gln Ile Ile His Thr Glu Glu Arg
1 5

<210> 32203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32203
Ile Gln His Gln Ile Ile His Thr Glu
1 5

<210> 32204
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32204
His Gln Ile Ile His Thr Glu Glu Arg Tyr
1 5 10

<210> 32205
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32205
Arg Ala Phe Gly Thr Arg Asn Ala Leu
1 5

<210> 32206
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32206
Gly Thr Arg Asn Ala Leu His Leu Gly
1 5

<210> 32207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32207
Asn Ala Leu His Leu Gly Phe Pro Arg
1 5

<210> 32208
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32208
Thr Arg Asn Ala Leu His Leu Gly Phe
1 5

<210> 32209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32209
Arg Ala Phe Gly Thr Arg Asn Ala Leu His
1 5 10

<210> 32210
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32210
Gly Thr Arg Asn Ala Leu His Leu Gly Phe
1 5 10

<210> 32211
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32211
Arg Asn Ala Leu His Leu Gly Phe Pro Arg
1 5 10

<210> 32212
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32212
Leu Arg Ala Phe Gly Thr Arg Asn Ala Leu
1 5 10

<210> 32213
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32213
Ala Phe Ile Glu Ser Ser Lys Leu Lys
1 5

<210> 32214
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32214
Lys Ala Phe Ile Glu Ser Ser Lys Leu
1 5

<210> 32215
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32215
Lys Ala Phe Ile Glu Ser Ser Lys Leu Lys
1 5 10

<210> 32216
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32216
Cys Gly Lys Ala Phe Ile Glu Ser Ser Lys
1 5 10

<210> 32217
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32217
Ala Phe Ile Glu Ser Ser Lys Leu Lys Arg
1 5 10

<210> 32218
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32218
Gly Lys Ala Phe Ile Glu Ser Ser Lys Leu
1 5 10

<210> 32219
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32219
Ile Glu Ser Ser Lys Leu Lys Arg His Phe
1 5 10

<210> 32220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32220
Ala Glu Cys Gly Lys Ala Phe Ile Glu Ser
1 5 10

<210> 32221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32221
Arg Met His Val Arg Ile His Thr Gly
1 5

<210> 32222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32222
Asp Phe Asn Leu Arg Met His Val Arg
1 5

<210> 32223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32223
Phe Ser Leu Asp Phe Asn Leu Arg Met
1 5

<210> 32224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32224
Ser Leu Asp Phe Asn Leu Arg Met His Val
1 5 10

<210> 32225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32225
Arg Phe Ser Leu Asp Phe Asn Leu Arg Met
1 5 10

<210> 32226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32226
Arg Met His Val Arg Ile His Thr Gly Glu
1 5 10

<210> 32227
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32227
Asn Leu Arg Met His Val Arg Ile His Thr
1 5 10

<210> 32228
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32228
Ala Phe Arg Lys Lys Asn Gln Pro Ala
1 5

<210> 32229
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32229
Arg Ala Phe Arg Lys Lys Asn Gln Pro Ala
1 5 10

<210> 32230
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32230
Gln Leu Leu Arg Ala Gln Ala Pro Leu
1 5

<210> 32231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32231
Arg Leu Gly Asp Pro Gly Gln Asp Val
1 5

<210> 32232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32232
Leu Leu Arg Ala Gln Ala Pro Leu Leu
1 5

<210> 32233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32233
Ala Leu Val Pro Gly Pro Arg Ser Ala
1 5

<210> 32234
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32234
Arg Ala Gln Ala Pro Leu Leu Phe Arg
1 5

<210> 32235
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32235
Leu Leu Phe Arg Pro Pro Cys Ala Arg
1 5

<210> 32236
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32236
Arg Ala Gln Ala Gln Gly Ala Pro Arg
1 5

<210> 32237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32237

Arg Ala Ala Leu Val Pro Gly Pro Arg
1 5

<210> 32238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32238
Arg Ala Trp Ala Pro Gly Pro Val Ala
1 5

<210> 32239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32239
Gln Gly Arg Ala Val Gln Pro His Ala
1 5

<210> 32240
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32240
Gly Ala Arg Arg Ala Gly Pro Gly Arg
1 5

<210> 32241
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32241
Arg Ala Gly Pro Gly Arg Gly Pro Val
1 5

<210> 32242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32242
Ser Ala Val Arg Val Arg Ala Arg Arg
1 5

<210> 32243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32243
Ala Val Arg Val Arg Ala Arg Arg Gly
1 5

<210> 32244
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32244
Arg Val Arg Ala Arg Arg Gly Ala Pro
1 5

<210> 32245
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32245
Arg Ala Arg Arg Gly Ala Pro Arg Leu
1 5

<210> 32246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32246
Arg Ala Gly Ala Gln Pro Ala Ala Ala
1 5

<210> 32247
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32247
Ala Gly Arg Gly Arg Gly Arg Arg Arg
1 5

<210> 32248
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32248
Arg Gly Arg Gly Arg Arg Arg Arg Ala
1 5

<210> 32249
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32249
Arg Gly Arg Arg Arg Arg Ala Asp Arg
1 5

<210> 32250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32250
Arg Ala Leu Pro Arg Gly Pro Gln Gly
1 5

<210> 32251
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32251
Gln Gly Arg Tyr Val Leu Arg Val Arg
1 5

<210> 32252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32252
Arg Val Arg Asp His Leu Gln Gln Arg
1 5

<210> 32253
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32253
Cys Ala Arg Gly Arg Ala Cys Arg Ala
1 5

<210> 32254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32254
Arg Gly Arg Ala Cys Arg Ala Gln Ala

1 5

<210> 32255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32255
Arg Thr Arg Arg Ala Ala Leu Val Pro
1 5

<210> 32256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32256
Ser Ala Arg Gly Gly Gly Trp Gly Arg
1 5

<210> 32257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32257
Arg Gly His Ala Arg Gly Arg Arg Gly
1 5

<210> 32258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32258
Arg Gly Arg Arg Gly Arg Pro Gly Gln
1 5

<210> 32259

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32259
Ser Gly Pro Glu Trp Arg Gln Gln Arg
1 5

<210> 32260
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32260
His Ala Gly Leu Gln Pro Gly Ala Arg
1 5

<210> 32261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32261
Leu Val Pro Gly Pro Arg Ser Ala Arg
1 5

<210> 32262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32262
His Pro Gly Pro Arg Arg Ala Trp Ala
1 5

<210> 32263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32263
Gly Pro Arg Arg Ala Trp Ala Pro Gly
1 5

<210> 32264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32264
Ala Pro Gly Pro Val Ala Asp Ala Val
1 5

<210> 32265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32265
Arg Pro Gly Gln Gly Gln Gly Arg Ala
1 5

<210> 32266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32266
Arg Ala Val Gln Pro His Ala Gly Leu
1 5

<210> 32267
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32267
Val Pro Ser Ala Val Arg Val Arg Ala
1 5

<210> 32268
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32268
Arg Arg Arg Arg Ala Asp Arg Ala Leu
1 5

<210> 32269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32269
Arg Pro Pro Cys Ala Arg Gly Arg Ala
1 5

<210> 32270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32270
Ala Pro Arg Pro Gly Pro Arg Ala Pro
1 5

<210> 32271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32271
Arg Pro Ala Arg Arg Thr Arg Arg Ala
1 5

<210> 32272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32272
Ala Arg Arg Thr Arg Arg Ala Ala Leu
1 5

<210> 32273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32273
Arg Pro Gly Gln Arg Gly Gln Pro Glu
1 5

<210> 32274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32274
His Leu Gln Gln Arg Gln Gln Leu Leu
1 5

<210> 32275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32275
Ala Arg Ala Ala Ser Gly Pro Glu Trp
1 5

<210> 32276
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32276
Arg Arg Ala Trp Ala Pro Gly Pro Val
1 5

<210> 32277
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32277
Gly Gln Gly Arg Ala Val Gln Pro His
1 5

<210> 32278
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32278
Arg Gln Gln Leu Leu Arg Ala Gln Ala
1 5

<210> 32279
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32279
Leu Arg Ala Gln Ala Pro Leu Leu Phe
1 5

<210> 32280
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32280
Gly Pro Val Ala Asp Ala Val Ala Ala
1 5

<210> 32281
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32281
Leu Pro Arg Gly Pro Gln Gly Arg Tyr
1 5

<210> 32282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32282
Gln Leu Leu Arg Ala Gln Ala Pro Leu Leu
1 5 10

<210> 32283
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32283
Arg Val Arg Ala Arg Arg Gly Ala Pro Arg
1 5 10

<210> 32284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32284
Arg Ser Ala Arg Gly Gly Gly Trp Gly Arg
1 5 10

<210> 32285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32285
Arg Tyr Val Leu Arg Val Arg Asp His Leu
1 5 10

<210> 32286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32286
Ala Val Arg Val Arg Ala Arg Arg Gly Ala
1 5 10

<210> 32287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32287
Arg Ala Arg Arg Gly Ala Pro Arg Leu Gly
1 5 10

<210> 32288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32288
Ala Gly Arg Gly Arg Gly Arg Arg Arg Arg
1 5 10

<210> 32289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32289
Arg Gly Arg Arg Arg Arg Ala Asp Arg Ala
1 5 10

<210> 32290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32290
Arg Arg Arg Ala Asp Arg Ala Leu Pro Arg
1 5 10

<210> 32291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32291
Arg Ala Leu Pro Arg Gly Pro Gln Gly Arg
1 5 10

<210> 32292
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32292
Arg Val Arg Asp His Leu Gln Gln Arg Gln
1 5 10

<210> 32293
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32293
Leu Leu Arg Ala Gln Ala Pro Leu Leu Phe
1 5 10

<210> 32294
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32294
Leu Phe Arg Pro Pro Cys Ala Arg Gly Arg
1 5 10

<210> 32295
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32295
Arg Gly Arg Ala Cys Arg Ala Gln Ala Gln
1 5 10

<210> 32296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32296
Arg Ala Pro Arg Pro Ala Arg Arg Thr Arg
1 5 10

<210> 32297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32297
Arg Thr Arg Arg Ala Ala Leu Val Pro Gly
1 5 10

<210> 32298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32298
Arg Gly His Ala Arg Gly Arg Arg Gly Arg
1 5 10

<210> 32299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32299
Arg Gly Arg Arg Gly Arg Pro Gly Gln Arg
1 5 10

<210> 32300
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32300
Ala Leu Pro Arg Gly Pro Gln Gly Arg Tyr
1 5 10

<210> 32301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32301

His Ala Gly Leu Gln Pro Gly Ala Arg Arg
1 5 10

<210> 32302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32302
His Leu Gln Gln Arg Gln Gln Leu Leu Arg
1 5 10

<210> 32303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32303
Trp Ala Pro Gly Pro Val Ala Asp Ala Val
1 5 10

<210> 32304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32304
Gly Pro His Pro Gly Pro Arg Arg Ala Trp
1 5 10

<210> 32305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32305
Arg Pro Gly Gln Gly Gln Gly Arg Ala Val
1 5 10

<210> 32306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32306
Leu Pro Arg Gly Pro Gln Gly Arg Tyr Val
1 5 10

<210> 32307
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32307
Arg Pro Pro Cys Ala Arg Gly Arg Ala Cys
1 5 10

<210> 32308
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32308
Arg Pro Gly Pro Arg Ala Pro Arg Pro Ala
1 5 10

<210> 32309
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32309
Arg Pro Ala Arg Arg Thr Arg Arg Ala Ala
1 5 10

<210> 32310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32310
Pro Ala Arg Arg Thr Arg Arg Ala Ala Leu
1 5 10

<210> 32311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32311
Gly Pro Arg Ser Ala Arg Gly Gly Gly Trp
1 5 10

<210> 32312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32312
Gln Gln Leu Leu Arg Ala Gln Ala Pro Leu
1 5 10

<210> 32313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32313
Arg Gln Gln Arg Ala Pro Gly Gly Pro Gln
1 5 10

<210> 32314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32314
Arg Arg Ala Trp Ala Pro Gly Pro Val Ala
1 5 10

<210> 32315
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32315
Gly Gln Gly Arg Ala Val Gln Pro His Ala
1 5 10

<210> 32316
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32316
Arg Arg Ala Gly Pro Gly Arg Gly Pro Val
1 5 10

<210> 32317
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32317
Val Arg Ala Arg Arg Gly Ala Pro Arg Leu
1 5 10

<210> 32318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32318
Arg Asp His Leu Gln Gln Arg Gln Gln Leu

1 5 10

<210> 32319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32319
Leu Gln Gln Arg Gln Gln Leu Leu Arg Ala
1 5 10

<210> 32320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32320
Arg Gln Gln Leu Leu Arg Ala Gln Ala Pro
1 5 10

<210> 32321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32321
Ala Gln Ala Pro Leu Leu Phe Arg Pro Pro
1 5 10

<210> 32322
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32322
Ala Gln Ala Gln Gly Ala Pro Arg Pro Gly
1 5 10

<210> 32323

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32323
Arg Met Glu Ala Ala Ala Ser Pro Arg
1 5

<210> 32324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32324
Arg Val Ala Pro Trp Thr Thr Arg Arg
1 5

<210> 32325
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32325
Ser Thr Cys Ser Gly Pro Thr Arg Arg
1 5

<210> 32326
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32326
Arg Ala Leu Arg Ala Ser Ser Ala Arg
1 5

<210> 32327
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32327
Thr Val Gln Ala Ala Val Arg Pro Arg
1 5

<210> 32328
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32328
Ala Thr Ser Ala Ser Ala Ala Thr Arg
1 5

<210> 32329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32329
Cys Thr Ser Gly Thr Thr Ala Pro Arg
1 5

<210> 32330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32330
Thr Thr Ala Pro Arg Ala Thr Thr Arg
1 5

<210> 32331
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32331
Thr Ser Cys Thr Arg Pro Ala Pro Arg
1 5

<210> 32332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32332
Trp Ala Trp Pro Gly Pro Cys Ser Phe
1 5

<210> 32333
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32333
Arg Ser Trp Pro Arg Cys Pro Ser Trp
1 5

<210> 32334
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32334
Ala Ser Arg Trp Arg Arg Trp Arg Ser
1 5

<210> 32335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32335
Arg Trp Arg Arg Trp Arg Ser Arg Arg
1 5

<210> 32336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32336
Arg Trp Arg Ser Arg Arg Arg Pro Pro
1 5

<210> 32337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32337
Arg Ser Arg Arg Arg Pro Pro Ser Trp
1 5

<210> 32338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32338
Arg Pro Arg Arg Gly Arg Arg Arg Arg
1 5

<210> 32339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32339
Arg Gly Arg Arg Arg Arg Ala Ala Pro
1 5

<210> 32340
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32340
Arg Arg Arg Arg Ala Ala Pro Pro Arg
1 5

<210> 32341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32341
Arg Ser Thr Cys Ser Gly Pro Thr Arg
1 5

<210> 32342
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32342
Pro Thr Arg Arg Pro Pro Pro Arg Arg
1 5

<210> 32343
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32343
Arg Ala Arg Ala Arg Ala Pro Ala Ala
1 5

<210> 32344
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32344
Arg Ala Arg Ala Pro Ala Ala Arg Arg
1 5

<210> 32345
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32345
Ala Leu Arg Ala Ser Ser Ala Arg Ser
1 5

<210> 32346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32346
Arg Ala Ser Ser Ala Arg Ser Pro Ser
1 5

<210> 32347
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32347
Ala Ser Ser Ala Arg Ser Pro Ser Ala
1 5

<210> 32348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32348
Ala Val Arg Pro Arg Thr Arg Leu Pro
1 5

<210> 32349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32349
Arg Pro Arg Thr Arg Leu Pro Arg Ala
1 5

<210> 32350
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32350
Arg Thr Arg Leu Pro Arg Ala Gly Pro
1 5

<210> 32351
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32351
Arg Leu Pro Arg Ala Gly Pro Arg Arg
1 5

<210> 32352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32352
Arg Ala Gly Pro Arg Arg Pro Pro Ala
1 5

<210> 32353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32353
Pro Ala Arg Pro Ala Arg Pro Pro Ala
1 5

<210> 32354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32354
Pro Thr Arg Arg Ala Arg Pro Arg Ala
1 5

<210> 32355
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32355
Arg Ala Arg Pro Arg Ala Pro Glu Arg
1 5

<210> 32356
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32356
Arg Ala Arg Arg Gly Leu Gly Ala Arg
1 5

<210> 32357
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32357
Gly Ala Arg Pro Arg Pro Arg Thr Ala
1 5

<210> 32358
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32358
Arg Pro Arg Pro Arg Thr Ala Arg Ala
1 5

<210> 32359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32359
Arg Thr Ala Arg Ala Ala Gly Ala Ala
1 5

<210> 32360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32360
Thr Ala Arg Ala Ala Gly Ala Ala Arg
1 5

<210> 32361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32361
Ala Ala Gly Ala Ala Arg Ala Ala Arg
1 5

<210> 32362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32362
Ala Ala Arg Ala Ala Arg Ala Arg Val
1 5

<210> 32363
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32363
Ala Ala Arg Ala Arg Val Ala Pro Trp
1 5

<210> 32364
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32364
Arg Ala Arg Val Ala Pro Trp Thr Thr
1 5

<210> 32365
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32365

Thr Thr Arg Arg Thr Thr Pro Ala Ala
1 5

<210> 32366
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32366
Arg Thr Thr Pro Ala Ala Arg Cys Ala
1 5

<210> 32367
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32367
Ala Ala Arg Cys Ala Arg Pro Ala Thr
1 5

<210> 32368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32368
Ala Thr Arg Pro Thr Pro Cys Thr Ser
1 5

<210> 32369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32369
Ala Thr Thr Arg Arg Arg Ala Asp Arg
1 5

<210> 32370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32370
Arg Pro Arg Pro Pro Leu Pro Pro Arg
1 5

<210> 32371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32371
Cys Thr Arg Pro Ala Pro Arg Pro Pro
1 5

<210> 32372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32372
Arg Pro Ala Pro Arg Pro Pro Arg Arg
1 5

<210> 32373
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32373
Pro Leu Arg Ala Arg Pro Ala Pro Arg
1 5

<210> 32374
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32374
Arg Ala Arg Pro Ala Pro Arg Pro Thr
1 5

<210> 32375
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32375
Glu Ala Arg Ala Glu Pro Trp Pro Arg
1 5

<210> 32376
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32376
Gly Ala Ser Arg Trp Arg Arg Trp Arg
1 5

<210> 32377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32377
Glu Ser Leu Gly Pro Arg Pro Arg Arg
1 5

<210> 32378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32378
Ser Trp Cys Thr Ala Gly Cys Ser Arg
1 5

<210> 32379
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32379
Cys Thr Ala Gly Cys Ser Arg Ala Arg
1 5

<210> 32380
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32380
Gln Ala Ala Val Arg Pro Arg Thr Arg
1 5

<210> 32381
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32381
Thr Thr Pro Ala Ala Arg Cys Ala Arg
1 5

<210> 32382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32382
Glu Ala Ala Pro Ala Ser Pro Leu Arg

1 5

<210> 32383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32383
Thr Thr Cys Thr Ser Ala Ser Thr Val
1 5

<210> 32384
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32384
Cys Thr Ser Ala Ser Thr Val Gln Ala
1 5

<210> 32385
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32385
Ser Ala Ser Thr Val Gln Ala Ala Val
1 5

<210> 32386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32386
Trp Thr Thr Arg Arg Thr Thr Pro Ala
1 5

<210> 32387

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32387
Glu Pro Trp Pro Arg Met Glu Ala Ala
1 5

<210> 32388
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32388
Trp Pro Arg Met Glu Ala Ala Ala Ser
1 5

<210> 32389
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32389
Ser Pro Arg Arg Pro Pro Gly Ala Ser
1 5

<210> 32390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32390
Cys Pro Ala Pro Arg Arg Ala Pro Ala
1 5

<210> 32391
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32391
Ala Pro Ala Arg Cys Pro Ala Ser Trp
1 5

<210> 32392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32392
Ala Pro Ala Ala Arg Arg Pro Gly Ser
1 5

<210> 32393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32393
Arg Pro Ala Arg Pro Pro Ala Ser Pro
1 5

<210> 32394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32394
Ala Pro Glu Arg Ala Arg Arg Gly Leu
1 5

<210> 32395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32395
Arg Pro Arg Thr Ala Arg Ala Ala Gly
1 5

<210> 32396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32396
Arg Ala Ala Gly Ala Ala Arg Ala Ala
1 5

<210> 32397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32397
Ala Pro Trp Thr Thr Arg Arg Thr Thr
1 5

<210> 32398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32398
Arg Pro Ala Thr Ser Ala Ser Ala Ala
1 5

<210> 32399
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32399
Arg Pro Thr Pro Cys Thr Ser Gly Thr
1 5

<210> 32400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32400
Arg Pro Arg Pro Arg Pro Pro Leu Pro
1 5

<210> 32401
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32401
Ala Pro Arg Pro Pro Arg Arg Pro Ala
1 5

<210> 32402
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32402
Arg Pro Ala Thr Pro Pro Arg Pro Ser
1 5

<210> 32403
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32403
Arg Pro Ser Arg Arg Gly Pro Glu Ala
1 5

<210> 32404
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32404
Arg Pro Ala Pro Arg Pro Thr Ala Pro
1 5

<210> 32405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32405
Ala Pro Arg Pro Thr Ala Pro Ser Thr
1 5

<210> 32406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32406
Ala Arg Ala Glu Pro Trp Pro Arg Met
1 5

<210> 32407
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32407
Arg Arg Ala Pro Ala Arg Cys Pro Ala
1 5

<210> 32408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32408
Ala Arg Cys Pro Ala Ser Trp Ala Trp
1 5

<210> 32409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32409
Ala Ala Val Arg Pro Arg Thr Arg Leu
1 5

<210> 32410
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32410
Ala Glu Ala Ala Pro Ala Ser Pro Leu
1 5

<210> 32411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32411
Cys Pro Ala Ser Trp Ala Trp Pro Gly
1 5

<210> 32412
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32412
Ala Glu Ala Glu Ala Ala Pro Ala Ser
1 5

<210> 32413
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32413
Ala Glu Pro Trp Pro Arg Met Glu Ala
1 5

<210> 32414
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32414
Leu Pro Pro Arg Leu Cys Ala Arg Ala
1 5

<210> 32415
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32415
Ser Thr Val Gln Ala Ala Val Arg Pro Arg
1 5 10

<210> 32416
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32416
Arg Thr Ala Arg Ala Ala Gly Ala Ala Arg
1 5 10

<210> 32417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32417
Arg Thr Thr Pro Ala Ala Arg Cys Ala Arg
1 5 10

<210> 32418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32418
Gly Thr Thr Ala Pro Arg Ala Thr Thr Arg
1 5 10

<210> 32419
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32419
Thr Thr Ala Pro Arg Ala Thr Thr Arg Arg
1 5 10

<210> 32420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32420
Ser Thr Ser Cys Thr Arg Pro Ala Pro Arg
1 5 10

<210> 32421
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32421
Ser Trp Ala Trp Pro Gly Pro Cys Ser Phe
1 5 10

<210> 32422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32422
Arg Met Glu Ala Ala Ala Ser Pro Arg Arg
1 5 10

<210> 32423
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32423
Ala Ala Ser Pro Arg Arg Pro Pro Gly Ala
1 5 10

<210> 32424
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32424
Ala Ser Arg Trp Arg Arg Trp Arg Ser Arg
1 5 10

<210> 32425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32425
Arg Trp Arg Arg Trp Arg Ser Arg Arg Arg
1 5 10

<210> 32426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32426
Arg Trp Arg Ser Arg Arg Arg Pro Pro Ser
1 5 10

<210> 32427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32427
Arg Ser Arg Arg Arg Pro Pro Ser Trp Ala
1 5 10

<210> 32428
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32428
Arg Gly Arg Arg Arg Arg Ala Ala Pro Pro
1 5 10

<210> 32429
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32429

Arg Ala Ala Pro Pro Arg Pro Gly Ser Arg
1 5 10

<210> 32430
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32430
Gly Ser Arg Pro Ser Cys Pro Ala Pro Arg
1 5 10

<210> 32431
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32431
Ser Phe Arg Ser Thr Cys Ser Gly Pro Thr
1 5 10

<210> 32432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32432
Arg Ser Thr Cys Ser Gly Pro Thr Arg Arg
1 5 10

<210> 32433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32433
Ser Gly Pro Thr Arg Arg Pro Pro Pro Arg
1 5 10

<210> 32434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32434
Arg Ser Trp Pro Arg Cys Pro Ser Trp Cys
1 5 10

<210> 32435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32435
Cys Ser Arg Ala Arg Ala Arg Ala Pro Ala
1 5 10

<210> 32436
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32436
Arg Ala Arg Ala Arg Ala Pro Ala Ala Arg
1 5 10

<210> 32437
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32437
Arg Ala Arg Ala Pro Ala Ala Arg Arg Pro
1 5 10

<210> 32438
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32438
Ala Ala Arg Arg Pro Gly Ser Ser Pro Gly
1 5 10

<210> 32439
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32439
Arg Ala Leu Arg Ala Ser Ser Ala Arg Ser
1 5 10

<210> 32440
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32440
Arg Ala Ser Ser Ala Arg Ser Pro Ser Ala
1 5 10

<210> 32441
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32441
Ala Val Arg Pro Arg Thr Arg Leu Pro Arg
1 5 10

<210> 32442
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32442
Arg Thr Arg Leu Pro Arg Ala Gly Pro Arg
1 5 10

<210> 32443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32443
Arg Ala Gly Pro Arg Arg Pro Pro Ala Arg
1 5 10

<210> 32444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32444
Arg Ala Arg Pro Arg Ala Pro Glu Arg Ala
1 5 10

<210> 32445
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32445
Arg Pro Arg Ala Pro Glu Arg Ala Arg Arg
1 5 10

<210> 32446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32446
Arg Ala Arg Arg Gly Leu Gly Ala Arg Pro

1 5 10

<210> 32447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32447
Arg Gly Leu Gly Ala Arg Pro Arg Pro Arg
1 5 10

<210> 32448
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32448
Gly Ala Arg Pro Arg Pro Arg Thr Ala Arg
1 5 10

<210> 32449
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32449
Thr Ala Arg Ala Ala Gly Ala Ala Arg Ala
1 5 10

<210> 32450
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32450
Arg Ala Ala Gly Ala Ala Arg Ala Ala Arg
1 5 10

<210> 32451

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32451
Ala Ala Arg Ala Ala Arg Ala Arg Val Ala
1 5 10

<210> 32452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32452
Ala Ala Arg Ala Arg Val Ala Pro Trp Thr
1 5 10

<210> 32453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32453
Arg Ala Arg Val Ala Pro Trp Thr Thr Arg
1 5 10

<210> 32454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32454
Thr Thr Arg Arg Thr Thr Pro Ala Ala Arg
1 5 10

<210> 32455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32455
Ala Ala Arg Cys Ala Arg Pro Ala Thr Ser
1 5 10

<210> 32456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32456
Cys Ala Arg Pro Ala Thr Ser Ala Ser Ala
1 5 10

<210> 32457
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32457
Ala Thr Arg Pro Thr Pro Cys Thr Ser Gly
1 5 10

<210> 32458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32458
Arg Ala Thr Thr Arg Arg Arg Ala Asp Arg
1 5 10

<210> 32459
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32459
Thr Thr Arg Arg Arg Ala Asp Arg Pro Arg
1 5 10

<210> 32460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32460
Arg Arg Arg Ala Asp Arg Pro Arg Pro Arg
1 5 10

<210> 32461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32461
Arg Pro Arg Pro Arg Asp Pro Leu Gly Arg
1 5 10

<210> 32462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32462
Arg Pro Arg Asp Pro Leu Gly Arg Pro Arg
1 5 10

<210> 32463
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32463
Leu Gly Arg Pro Arg Pro Arg Pro Pro Leu
1 5 10

<210> 32464
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32464
Arg Pro Arg Pro Pro Leu Pro Pro Arg Leu
1 5 10

<210> 32465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32465
Cys Thr Arg Pro Ala Pro Arg Pro Pro Arg
1 5 10

<210> 32466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32466
Arg Ala Arg Pro Ala Pro Arg Pro Thr Ala
1 5 10

<210> 32467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32467
Ser Trp Ala Pro Glu Ser Leu Gly Pro Arg
1 5 10

<210> 32468
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32468
Cys Pro Ala Pro Arg Arg Ala Pro Ala Arg
1 5 10

<210> 32469
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32469
Trp Ala Trp Pro Gly Pro Cys Ser Phe Arg
1 5 10

<210> 32470
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32470
Arg Pro Pro Pro Arg Arg Ser Trp Pro Arg
1 5 10

<210> 32471
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32471
Thr Ala Gly Cys Ser Arg Ala Arg Ala Arg
1 5 10

<210> 32472
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32472
Ser Ala Ser Thr Val Gln Ala Ala Val Arg
1 5 10

<210> 32473
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32473
Asp Ala Ala Ser Ser Thr Ser Cys Thr Arg
1 5 10

<210> 32474
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32474
Ser Pro Leu Arg Ala Arg Pro Ala Pro Arg
1 5 10

<210> 32475
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32475
Cys Thr Ala Gly Cys Ser Arg Ala Arg Ala
1 5 10

<210> 32476
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32476
Thr Thr Thr Cys Thr Ser Ala Ser Thr Val
1 5 10

<210> 32477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32477
Cys Thr Ser Ala Ser Thr Val Gln Ala Ala
1 5 10

<210> 32478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32478
Thr Ser Ala Ser Thr Val Gln Ala Ala Val
1 5 10

<210> 32479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32479
Trp Thr Thr Arg Arg Thr Thr Pro Ala Ala
1 5 10

<210> 32480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32480
Cys Thr Ser Gly Thr Thr Ala Pro Arg Ala
1 5 10

<210> 32481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32481
Glu Ala Glu Ala Ala Pro Ala Ser Pro Leu
1 5 10

<210> 32482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32482
Glu Ala Ala Pro Ala Ser Pro Leu Arg Ala
1 5 10

<210> 32483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32483
Trp Pro Arg Met Glu Ala Ala Ala Ser Pro
1 5 10

<210> 32484
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32484
Arg Pro Pro Ser Trp Ala Pro Glu Ser Leu
1 5 10

<210> 32485
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32485
Arg Pro Arg Arg Gly Arg Arg Arg Arg Ala
1 5 10

<210> 32486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32486
Arg Pro Gly Ser Arg Pro Ser Cys Pro Ala
1 5 10

<210> 32487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32487
Arg Pro Ser Cys Pro Ala Pro Arg Arg Ala
1 5 10

<210> 32488
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32488
Ala Pro Ala Arg Cys Pro Ala Ser Trp Ala
1 5 10

<210> 32489
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32489
Trp Pro Arg Cys Pro Ser Trp Cys Thr Ala
1 5 10

<210> 32490
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32490
Ala Pro Ala Ala Arg Arg Pro Gly Ser Ser
1 5 10

<210> 32491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32491
Pro Pro Arg Ala Leu Arg Ala Ser Ser Ala
1 5 10

<210> 32492
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32492
Arg Pro Arg Thr Arg Leu Pro Arg Ala Gly
1 5 10

<210> 32493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32493

Leu Pro Arg Ala Gly Pro Arg Arg Pro Pro
1 5 10

<210> 32494
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32494
Gly Pro Arg Arg Pro Pro Ala Arg Pro Ala
1 5 10

<210> 32495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32495
Arg Pro Ala Arg Pro Pro Ala Ser Pro Pro
1 5 10

<210> 32496
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32496
Arg Pro Arg Pro Arg Thr Ala Arg Ala Ala
1 5 10

<210> 32497
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32497
Arg Pro Arg Thr Ala Arg Ala Ala Gly Ala
1 5 10

<210> 32498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32498
Ala Pro Trp Thr Thr Arg Arg Thr Thr Pro
1 5 10

<210> 32499
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32499
Thr Pro Ala Ala Arg Cys Ala Arg Pro Ala
1 5 10

<210> 32500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32500
Arg Pro Ala Thr Ser Ala Ser Ala Ala Thr
1 5 10

<210> 32501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32501
Arg Pro Thr Pro Cys Thr Ser Gly Thr Thr
1 5 10

<210> 32502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32502
Ala Pro Arg Ala Thr Thr Arg Arg Arg Ala
1 5 10

<210> 32503
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32503
Arg Pro Arg Pro Arg Pro Pro Leu Pro Pro
1 5 10

<210> 32504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32504
Arg Pro Pro Leu Pro Pro Arg Leu Cys Ala
1 5 10

<210> 32505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32505
Ala Pro Arg Pro Pro Arg Arg Pro Ala Thr
1 5 10

<210> 32506
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32506
Arg Pro Ala Pro Arg Pro Thr Ala Pro Ser
1 5 10

<210> 32507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32507
Trp Arg Ser Arg Arg Arg Pro Pro Ser Trp
1 5 10

<210> 32508
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32508
Arg Ala Pro Ala Arg Cys Pro Ala Ser Trp
1 5 10

<210> 32509
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32509
Arg Arg Ser Trp Pro Arg Cys Pro Ser Trp
1 5 10

<210> 32510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32510
Ala Arg Ala Ala Gly Ala Ala Arg Ala Ala

1 5 10

<210> 32511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32511
Arg Ala Ala Arg Ala Arg Val Ala Pro Trp
1 5 10

<210> 32512
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32512
Glu Pro Trp Pro Arg Met Glu Ala Ala Ala
1 5 10

<210> 32513
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32513
Ala Glu Pro Trp Pro Arg Met Glu Ala Ala
1 5 10

<210> 32514
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32514
Ala Glu Ala Glu Ala Ala Pro Ala Ser Pro
1 5 10

<210> 32515

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32515
Pro Glu Ala Glu Ala Glu Ala Ala Pro Ala
1 5 10

<210> 32516
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32516
Arg Ser Tyr Glu Asp Arg Pro Asn Phe
1 5

<210> 32517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32517
Arg Pro Asn Phe Gln Ser Ala Ala Leu
1 5

<210> 32518
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32518
Ala Arg Ser Tyr Glu Asp Arg Pro Asn Phe
1 5 10

<210> 32519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32519
Tyr Glu Asp Arg Pro Asn Phe Gln Ser Ala
1 5 10

<210> 32520
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32520
Ile Tyr Gln Thr His Ala Asp Arg Leu
1 5

<210> 32521
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32521
Val Ile Tyr Gln Thr His Ala Asp Arg
1 5

<210> 32522
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32522
Tyr Gln Thr His Ala Asp Arg Leu His
1 5

<210> 32523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32523
Ala Ile Ser Asp Leu Val Ile Tyr Gln Thr
1 5 10

<210> 32524
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32524
Leu Val Ile Tyr Gln Thr His Ala Asp Arg
1 5 10

<210> 32525
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32525
Val Ile Tyr Gln Thr His Ala Asp Arg Leu
1 5 10

<210> 32526
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32526
Ser Asn Arg Tyr Asn Glu Ile Met Lys
1 5

<210> 32527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32527
Ile Pro Ser Asn Arg Tyr Asn Glu Ile
1 5

<210> 32528
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32528
Arg Tyr Asn Glu Ile Met Lys Ala Met
1 5

<210> 32529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32529
Ile Pro Ser Asn Arg Tyr Asn Glu Ile Met
1 5 10

<210> 32530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32530
Asn Arg Tyr Asn Glu Ile Met Lys Ala Met
1 5 10

<210> 32531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32531
Gln Ala Ser Ala Ser Ser Ala Lys Lys
1 5

<210> 32532
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32532
Ala Ser Ser Ala Lys Lys Pro His Ala
1 5

<210> 32533
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32533
Lys Pro His Ala Ala Asn Gly Pro Leu
1 5

<210> 32534
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32534
Ser Gln Ala Ser Ala Ser Ser Ala Lys Lys
1 5 10

<210> 32535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32535
Lys Pro His Ala Ala Asn Gly Pro Leu Ile
1 5 10

<210> 32536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32536
Lys Lys Pro His Ala Ala Asn Gly Pro Leu
1 5 10

<210> 32537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32537
Glu Ala Ala Ser Ala Gln His Ser Leu
1 5

<210> 32538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32538
Ala Glu Ala Ala Ser Ala Gln His Ser
1 5

<210> 32539
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32539
Glu Ala Ala Ser Ala Gln His Ser Leu Phe
1 5 10

<210> 32540
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32540
Arg Gly Phe Gly Asp Ala Ala Glu Ala Ala
1 5 10

<210> 32541
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32541
Ala Glu Ala Ala Ser Ala Gln His Ser Leu
1 5 10

<210> 32542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32542
His Leu His Val His Thr Ser Asp Lys
1 5

<210> 32543
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32543
Lys Lys His Leu His Val His Thr Ser
1 5

<210> 32544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32544
Lys His Leu His Val His Thr Ser Asp Lys
1 5 10

<210> 32545
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32545
Leu His Val His Thr Ser Asp Lys Pro Tyr
1 5 10

<210> 32546
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32546
Lys Ser Asn Val Ile Asn His Glu Lys
1 5

<210> 32547
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32547
Ser Gln Lys Ser Asn Val Ile Asn His
1 5

<210> 32548
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32548
Lys Ser Asn Val Ile Asn His Glu Lys Ile
1 5 10

<210> 32549
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32549
Ile Asn His Glu Lys Ile His Thr Gly Lys
1 5 10

<210> 32550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32550
Ile Leu Gly Lys Ser Pro Met Asn Val
1 5

<210> 32551
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32551
Phe Ile Ala Ile Arg Lys Leu Ile Ala
1 5

<210> 32552
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32552
Lys Leu Ile Ala Glu Arg Gly Pro Ile
1 5

<210> 32553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32553
Ser Gln Thr Phe Ile Ala Ile Arg Lys
1 5

<210> 32554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32554
Arg Ser Gln Thr Phe Ile Ala Ile Arg
1 5

<210> 32555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32555
Thr Phe Ile Ala Ile Arg Lys Leu Ile
1 5

<210> 32556
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32556
Gln His Lys Lys Ser Ile Leu Gly Lys
1 5

<210> 32557
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32557

Lys Ser Ile Leu Gly Lys Ser Pro Met
1 5

<210> 32558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32558
Ser Phe Arg Ser Gln Thr Phe Ile Ala
1 5

<210> 32559
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32559
Ala Ile Arg Lys Leu Ile Ala Glu Arg
1 5

<210> 32560
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32560
Lys Pro Ser Phe Arg Ser Gln Thr Phe
1 5

<210> 32561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32561
Asn Leu Ile Gln His Lys Lys Ser Ile
1 5

<210> 32562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32562
Leu Ile Gln His Lys Lys Ser Ile Leu
1 5

<210> 32563
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32563
Phe Arg Ser Gln Thr Phe Ile Ala Ile
1 5

<210> 32564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32564
Ala Glu Arg Gly Pro Ile Asp Val Val
1 5

<210> 32565
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32565
Ser Ile Leu Gly Lys Ser Pro Met Asn Val
1 5 10

<210> 32566
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32566
Leu Ile Ala Glu Arg Gly Pro Ile Asp Val
1 5 10

<210> 32567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32567
Ile Gln His Lys Lys Ser Ile Leu Gly Lys
1 5 10

<210> 32568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32568
Arg Ser Gln Thr Phe Ile Ala Ile Arg Lys
1 5 10

<210> 32569
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32569
Ser Phe Arg Ser Gln Thr Phe Ile Ala Ile
1 5 10

<210> 32570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32570
Ile Ala Ile Arg Lys Leu Ile Ala Glu Arg
1 5 10

<210> 32571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32571
Gln Thr Phe Ile Ala Ile Arg Lys Leu Ile
1 5 10

<210> 32572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32572
Lys Pro Ser Phe Arg Ser Gln Thr Phe Ile
1 5 10

<210> 32573
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32573
Asn Leu Ile Gln His Lys Lys Ser Ile Leu
1 5 10

<210> 32574
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32574
Lys Lys Ser Ile Leu Gly Lys Ser Pro Met

1 5 10

<210> 32575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32575
Ser Gln Thr Phe Ile Ala Ile Arg Lys Leu
1 5 10

<210> 32576
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32576
Arg Lys Leu Ile Ala Glu Arg Gly Pro Ile
1 5 10

<210> 32577
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32577
Asn Val Thr Asp Val Glu Lys Pro Ser Phe
1 5 10

<210> 32578
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32578
His Arg Ile His Ala Arg Glu Ser Leu
1 5

<210> 32579

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32579
His His Arg Ile His Ala Arg Glu Ser Leu
1 5 10

<210> 32580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32580
Arg Glu Asp Ala Val Val Ala Ser Arg Leu
1 5 10

<210> 32581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32581
Asn Ala Ile Gly Ser Arg Gln His Tyr
1 5

<210> 32582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32582
Arg Gln His Tyr Cys His Glu Cys Gly
1 5

<210> 32583
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32583
Arg Gln His Tyr Cys His Glu Cys Gly Lys
1 5 10

<210> 32584
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32584
Lys Asn Ala Ile Gly Ser Arg Gln His Tyr
1 5 10

<210> 32585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32585
Gln Leu Arg Leu Pro Arg Ser Arg Lys
1 5

<210> 32586
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32586
Glu Val Ile Asp Leu Asp Pro Gln Leu
1 5

<210> 32587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32587
Arg Leu Pro Arg Ser Arg Lys Thr Phe
1 5

<210> 32588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32588
Glu Val Ile Asp Leu Asp Pro Gln Leu Arg
1 5 10

<210> 32589
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32589
Asp Leu Asp Pro Gln Leu Arg Leu Pro Arg
1 5 10

<210> 32590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32590
Arg Glu Val Ile Asp Leu Asp Pro Gln Leu
1 5 10

<210> 32591
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32591
Leu Arg Leu Pro Arg Ser Arg Lys Thr Phe
1 5 10

<210> 32592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32592
Ile Val Thr Met Thr Ser Cys Leu Tyr
1 5

<210> 32593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32593
Tyr Leu Asp Pro Pro Thr Cys Arg Ala
1 5

<210> 32594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32594
Ala Ile Val Thr Met Thr Ser Cys Leu
1 5

<210> 32595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32595
Thr Met Thr Ser Cys Leu Tyr Leu Arg
1 5

<210> 32596
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32596
Ala Val Gly Arg Gly Ala Leu Pro Arg
1 5

<210> 32597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32597
Ser Tyr Pro Thr Tyr Pro Thr His Phe
1 5

<210> 32598
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32598
Thr Tyr Pro Thr His Phe Ser Thr Trp
1 5

<210> 32599
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32599
Val Thr Met Thr Ser Cys Leu Tyr Leu
1 5

<210> 32600
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32600
Ala Ile Pro Pro His Ser Ala Ser Tyr
1 5

<210> 32601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32601
Ser Tyr Leu Asp Pro Pro Thr Cys Arg
1 5

<210> 32602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32602
Ser Ala Ser Tyr Pro Thr Tyr Pro Thr
1 5

<210> 32603
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32603
Arg Pro Ala Pro Glu Pro Arg Ala Val
1 5

<210> 32604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32604
Glu Pro Arg Ala Val Gly Arg Gly Ala
1 5

<210> 32605
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32605
Gly Ala Leu Pro Arg Cys Ser Pro Leu
1 5

<210> 32606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32606
Arg Ala Ile Val Thr Met Thr Ser Cys
1 5

<210> 32607
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32607
Ala Ser Tyr Pro Thr Tyr Pro Thr His
1 5

<210> 32608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32608
Thr His Phe Ser Thr Trp Glu Pro Val
1 5

<210> 32609
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32609
His Pro Val Gly Ala Ile Pro Pro His
1 5

<210> 32610
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32610
Tyr Pro Thr Tyr Pro Thr His Phe Ser
1 5

<210> 32611
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32611
Glu Pro Val Pro Ser Asp Arg Pro Ala
1 5

<210> 32612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32612
Thr Glu Gly His Pro Val Gly Ala Ile
1 5

<210> 32613
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32613
Tyr Leu Asp Pro Pro Thr Cys Arg Ala Ile
1 5 10

<210> 32614
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32614
Tyr Leu Arg Thr Thr Glu Gly His Pro Val
1 5 10

<210> 32615
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32615
Val Thr Met Thr Ser Cys Leu Tyr Leu Arg
1 5 10

<210> 32616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32616
Leu Ser Tyr Leu Asp Pro Pro Thr Cys Arg
1 5 10

<210> 32617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32617
Ala Ile Val Thr Met Thr Ser Cys Leu Tyr
1 5 10

<210> 32618
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32618
Ser Thr Trp Glu Pro Val Pro Ser Asp Arg
1 5 10

<210> 32619
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32619
Arg Ala Val Gly Arg Gly Ala Leu Pro Arg
1 5 10

<210> 32620
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32620
Ala Ser Tyr Pro Thr Tyr Pro Thr His Phe
1 5 10

<210> 32621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32621

Pro Thr Tyr Pro Thr His Phe Ser Thr Trp
1 5 10

<210> 32622
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32622
Arg Ala Ile Val Thr Met Thr Ser Cys Leu
1 5 10

<210> 32623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32623
Arg Thr Thr Glu Gly His Pro Val Gly Ala
1 5 10

<210> 32624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32624
Arg Gly Ala Leu Pro Arg Cys Ser Pro Leu
1 5 10

<210> 32625
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32625
Gly Ala Leu Pro Arg Cys Ser Pro Leu Arg
1 5 10

<210> 32626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32626
Gly Ala Ile Pro Pro His Ser Ala Ser Tyr
1 5 10

<210> 32627
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32627
His Ser Ala Ser Tyr Pro Thr Tyr Pro Thr
1 5 10

<210> 32628
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32628
Tyr Pro Thr Tyr Pro Thr His Phe Ser Thr
1 5 10

<210> 32629
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32629
Arg Pro Ala Pro Glu Pro Arg Ala Val Gly
1 5 10

<210> 32630
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32630
Glu Pro Arg Ala Val Gly Arg Gly Ala Leu
1 5 10

<210> 32631
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32631
Pro Pro His Ser Ala Ser Tyr Pro Thr Tyr
1 5 10

<210> 32632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32632
Trp Glu Pro Val Pro Ser Asp Arg Pro Ala
1 5 10

<210> 32633
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32633
Ala Ala Ala Ala Ala Val Ala Ala Leu
1 5

<210> 32634
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32634
Ala Ala Val Ala Ala Leu Gln Glu Lys
1 5

<210> 32635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32635
Ala Ala Ala Val Ala Ala Leu Gln Glu Lys
1 5 10

<210> 32636
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32636
Ala Ala Ala Ala Ala Ala Val Ala Ala Leu
1 5 10

<210> 32637
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32637
Leu Leu Ile Arg Gly Lys Gly Leu Leu
1 5

<210> 32638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32638
Tyr Ser Ala Pro His Cys Ala Ser Leu

1 5

<210> 32639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32639
Lys Ser Ser Arg Arg Gly Lys Leu Leu
1 5

<210> 32640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32640
Ser Ser Arg Arg Gly Lys Leu Leu Ile
1 5

<210> 32641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32641
Arg Gly Lys Leu Leu Ile Arg Gly Lys
1 5

<210> 32642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32642
Arg Gly Lys Gly Leu Leu Ser Tyr Ser
1 5

<210> 32643

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32643
Ala His Arg Leu Leu Ser Pro Arg Lys
1 5

<210> 32644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32644
Arg Leu Leu Ser Pro Arg Lys Leu Val
1 5

<210> 32645
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32645
Ile Arg Gly Lys Gly Leu Leu Ser Tyr
1 5

<210> 32646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32646
Cys Ser Gly Cys Lys Lys Ser Ser Arg
1 5

<210> 32647
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32647
Ile Gln Phe His Leu Pro Ala His Arg
1 5

<210> 32648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32648
Pro Ala His Arg Leu Leu Ser Pro Arg
1 5

<210> 32649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32649
Ala Pro His Cys Ala Ser Leu Asp Ile
1 5

<210> 32650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32650
Leu Pro Ala His Arg Leu Leu Ser Pro
1 5

<210> 32651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32651
Ser Pro Arg Lys Leu Val Gln Val Ala
1 5

<210> 32652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32652
Leu Val Gln Val Ala Gln Lys Thr Phe
1 5

<210> 32653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32653
Gly Leu Leu Ser Tyr Ser Ala Pro His
1 5

<210> 32654
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32654
His Cys Ala Ser Leu Asp Ile Gln Phe
1 5

<210> 32655
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32655
Ala Ser Leu Asp Ile Gln Phe His Leu
1 5

<210> 32656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32656
Leu Asp Ile Gln Phe His Leu Pro Ala
1 5

<210> 32657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32657
Phe His Leu Pro Ala His Arg Leu Leu
1 5

<210> 32658
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32658
Ser Leu Asp Ile Gln Phe His Leu Pro Ala
1 5 10

<210> 32659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32659
Ile Gln Phe His Leu Pro Ala His Arg Leu
1 5 10

<210> 32660
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32660
Leu Leu Ser Pro Arg Lys Leu Val Gln Val
1 5 10

<210> 32661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32661
Leu Leu Ser Tyr Ser Ala Pro His Cys Ala
1 5 10

<210> 32662
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32662
Ser Tyr Ser Ala Pro His Cys Ala Ser Leu
1 5 10

<210> 32663
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32663
Gly Cys Lys Lys Ser Ser Arg Arg Gly Lys
1 5 10

<210> 32664
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32664
Lys Ser Ser Arg Arg Gly Lys Leu Leu Ile
1 5 10

<210> 32665
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32665
Ser Ser Arg Arg Gly Lys Leu Leu Ile Arg
1 5 10

<210> 32666
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32666
Arg Gly Lys Gly Leu Leu Ser Tyr Ser Ala
1 5 10

<210> 32667
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32667
Pro Ala His Arg Leu Leu Ser Pro Arg Lys
1 5 10

<210> 32668
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32668
Leu Ile Arg Gly Lys Gly Leu Leu Ser Tyr
1 5 10

<210> 32669
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32669
Asp Ile Gln Phe His Leu Pro Ala His Arg
1 5 10

<210> 32670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32670
Leu Pro Ala His Arg Leu Leu Ser Pro Arg
1 5 10

<210> 32671
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32671
Lys Leu Val Gln Val Ala Gln Lys Thr Phe
1 5 10

<210> 32672
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32672
Lys Lys Ser Ser Arg Arg Gly Lys Leu Leu
1 5 10

<210> 32673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32673
Leu Asp Ile Gln Phe His Leu Pro Ala His
1 5 10

<210> 32674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32674
Cys Ser Ile Leu Cys Leu Thr Gly Tyr
1 5

<210> 32675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32675
Gln Leu Phe Cys Ser Ile Leu Cys Leu
1 5

<210> 32676
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32676
Ile Leu Cys Leu Thr Gly Tyr Thr Val
1 5

<210> 32677
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32677
Gly Ser Thr Gln Leu Phe Cys Ser Ile
1 5

<210> 32678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32678
Thr Gln Leu Phe Cys Ser Ile Leu Cys Leu
1 5 10

<210> 32679
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32679
Gln Leu Phe Cys Ser Ile Leu Cys Leu Thr
1 5 10

<210> 32680
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32680
Ser Ile Leu Cys Leu Thr Gly Tyr Thr Val
1 5 10

<210> 32681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32681
Lys Gly Ser Thr Gln Leu Phe Cys Ser Ile
1 5 10

<210> 32682
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32682
Gly Ser Thr Gln Leu Phe Cys Ser Ile Leu
1 5 10

<210> 32683
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32683
Phe Cys Ser Ile Leu Cys Leu Thr Gly Tyr
1 5 10

<210> 32684
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32684
Lys Gln Asn Glu Asp Asp Glu Val Pro Val
1 5 10

<210> 32685
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32685

Gln Thr Ser His Leu Ile Arg His Lys Ile
1 5 10

<210> 32686
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32686
Lys Leu Ile Leu Glu Lys Ser Pro Ile
1 5

<210> 32687
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32687
Ile Leu Glu Lys Ser Pro Ile Asn Val
1 5

<210> 32688
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32688
Lys His Lys Lys Leu Ile Leu Glu Lys
1 5

<210> 32689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32689
Lys Gly Phe Asn His Tyr Ser Phe Cys
1 5

<210> 32690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32690
Phe Asn His Tyr Ser Phe Cys Gln Lys
1 5

<210> 32691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32691
Lys Lys Cys Lys Gly Phe Asn His Tyr
1 5

<210> 32692
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32692
Leu Trp Lys His Lys Lys Leu Ile Leu
1 5

<210> 32693
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32693
Cys Lys Gly Phe Asn His Tyr Ser Phe
1 5

<210> 32694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32694
Leu Ile Leu Glu Lys Ser Pro Ile Asn Val
1 5 10

<210> 32695
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32695
Ile Leu Glu Lys Ser Pro Ile Asn Val Lys
1 5 10

<210> 32696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32696
Gly Phe Asn His Tyr Ser Phe Cys Gln Lys
1 5 10

<210> 32697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32697
Lys Ser Pro Ile Asn Val Lys Lys Cys Lys
1 5 10

<210> 32698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32698
Thr Leu Trp Lys His Lys Lys Leu Ile Leu
1 5 10

<210> 32699
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32699
Lys Lys Leu Ile Leu Glu Lys Ser Pro Ile
1 5 10

<210> 32700
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32700
Val Lys Lys Cys Lys Gly Phe Asn His Tyr
1 5 10

<210> 32701
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32701
Lys Cys Lys Gly Phe Asn His Tyr Ser Phe
1 5 10

<210> 32702
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32702
His Arg Arg Val His Asn Gly Glu Lys

1 5

<210> 32703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32703
Lys His Arg Arg Val His Asn Gly Glu Lys
1 5 10

<210> 32704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32704
Arg Arg Val His Asn Gly Glu Lys Pro Tyr
1 5 10

<210> 32705
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32705
Gln Ser Ser Ser Leu Ile Gln His Trp
1 5

<210> 32706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32706
Gln Ser Ser Ser Leu Ile Gln His Trp Arg
1 5 10

<210> 32707

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32707
Ser Gln Ser Ser Ser Leu Ile Gln His Trp
1 5 10

<210> 32708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32708
Leu Met Val His Gln Ile Thr His Thr
1 5

<210> 32709
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32709
Ser Leu Met Val His Gln Ile Thr His
1 5

<210> 32710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32710
Ser Leu Met Val His Gln Ile Thr His Thr
1 5 10

<210> 32711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32711
Tyr Ser Ser Ser Leu Met Val His Gln Ile
1 5 10

<210> 32712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32712
Arg Val His Thr Gly Glu Arg Thr Tyr
1 5

<210> 32713
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32713
Arg Val His Thr Gly Glu Arg Thr Tyr Thr
1 5 10

<210> 32714
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32714
Lys Arg Val His Thr Gly Glu Arg Thr Tyr
1 5 10

<210> 32715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32715
His Leu Val Ser His Gln Ile Thr His
1   5

<210> 32716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 32716
His Leu Val Ser His Gln Ile Thr His Thr
1   5   10

<210> 32717
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 32717
Ile Thr His Thr Gly Glu Lys Pro Tyr Arg
1   5   10

<210> 32718
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 32718
Arg Ser Ser His Leu Val Ser His Gln Ile
1   5   10

<210> 32719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 32719
Ser His Leu Val Met His Gln Ile Ile
1   5

<210> 32720
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32720
Arg Ser Ser His Leu Val Met His Gln Ile
1 5 10

<210> 32721
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32721
Ser Ser His Leu Val Met His Gln Ile Ile
1 5 10

<210> 32722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32722
Ile Thr His Thr Gly Glu Lys Pro Phe
1 5

<210> 32723
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32723
Thr Gln His Gln Ile Thr His Thr Gly
1 5

<210> 32724
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32724
Gln Ile Thr His Thr Gly Glu Lys Pro Phe
1 5 10

<210> 32725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32725
His Thr Lys Leu Thr Arg His Gln Ile
1 5

<210> 32726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32726
His Gln Ile Ile His Ser Glu Glu Lys
1 5

<210> 32727
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32727
Thr Lys Leu Thr Arg His Gln Ile Ile
1 5

<210> 32728
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32728
Ile Ile His Ser Glu Glu Lys Pro Phe
1 5

<210> 32729
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32729
His Thr Lys Leu Thr Arg His Gln Ile Ile
1 5 10

<210> 32730
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32730
Arg His Gln Ile Ile His Ser Glu Glu Lys
1 5 10

<210> 32731
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32731
Gln Ile Ile His Ser Glu Glu Lys Pro Phe
1 5 10

<210> 32732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32732
Gln Gln Lys Glu Pro Trp Asn Val Lys
1 5

<210> 32733
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32733
Gln Gln Lys Glu Pro Trp Asn Val Lys Arg
1 5 10

<210> 32734
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32734
Leu Glu Gln Gln Lys Glu Pro Trp Asn Val
1 5 10

<210> 32735
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32735
His Gln Cys Ile His Thr Gly Glu Lys
1 5

<210> 32736
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32736
Ile Gln His Gln Cys Ile His Thr Gly
1 5

<210> 32737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32737
Cys Ile His Thr Gly Glu Lys Pro Tyr Val
1 5 10

<210> 32738
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32738
Gln Cys Ile His Thr Gly Glu Lys Pro Tyr
1 5 10

<210> 32739
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32739
Phe Thr Glu Glu Glu Leu Trp Leu Leu
1 5

<210> 32740
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32740
Glu Glu Leu Trp Leu Leu Asp Leu Ala
1 5

<210> 32741
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32741
Glu Glu Glu Leu Trp Leu Leu Asp Leu
1 5

<210> 32742
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32742
Val Val Phe Thr Glu Glu Glu Leu Trp
1 5

<210> 32743
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32743
Trp Leu Leu Asp Leu Ala Gln Arg Lys Leu
1 5 10

<210> 32744
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32744
Val Phe Thr Glu Glu Glu Leu Trp Leu Leu
1 5 10

<210> 32745
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32745
Glu Leu Trp Leu Leu Asp Leu Ala Gln Arg
1 5 10

<210> 32746
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32746
Thr Glu Glu Glu Leu Trp Leu Leu Asp Leu
1 5 10

<210> 32747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32747
Glu Glu Leu Trp Leu Leu Asp Leu Ala Gln
1 5 10

<210> 32748
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32748
Glu Glu Glu Leu Trp Leu Leu Asp Leu Ala
1 5 10

<210> 32749
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32749

Phe Leu Val Lys Val Gln Thr His Ile
1 5

<210> 32750
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32750
Lys Val Gln Thr His Ile Ser Val Ile
1 5

<210> 32751
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32751
Ser Leu Glu Ser Ser Pro Leu Gly Val
1 5

<210> 32752
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32752
Ile Pro Ser Leu Glu Ser Ser Pro Leu
1 5

<210> 32753
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32753
Val Lys Val Gln Thr His Ile Ser Val
1 5

<210> 32754
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32754
Thr His Ile Ser Val Ile Pro Ser Leu
1 5

<210> 32755
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32755
Val Gln Asp Trp Gly Asn Pro Ser Ala
1 5

<210> 32756
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32756
Gln Asp Trp Gly Asn Pro Ser Ala Leu
1 5

<210> 32757
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32757
Val Glu Glu Cys Phe Leu Val Lys Val
1 5

<210> 32758
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32758
Ser Pro Val Glu Glu Cys Phe Leu Val
1 5

<210> 32759
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32759
Val Gln Asp Trp Gly Asn Pro Ser Ala Leu
1 5 10

<210> 32760
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32760
Val Ile Pro Ser Leu Glu Ser Ser Pro Leu
1 5 10

<210> 32761
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32761
Cys Phe Leu Val Lys Val Gln Thr His Ile
1 5 10

<210> 32762
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32762
Leu Val Lys Val Gln Thr His Ile Ser Val
1 5 10

<210> 32763
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32763
Gln Thr His Ile Ser Val Ile Pro Ser Leu
1 5 10

<210> 32764
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32764
Glu Thr Ser Pro Val Glu Glu Cys Phe Leu
1 5 10

<210> 32765
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32765
Thr Ser Pro Val Glu Glu Cys Phe Leu Val
1 5 10

<210> 32766
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32766
Val Lys Val Gln Thr His Ile Ser Val Ile

1 5 10

<210> 32767
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32767
Gln Leu Met Gly Glu Pro Gly Leu Ala
1 5

<210> 32768
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32768
Ala Gln Gln Leu Met Gly Glu Pro Gly
1 5

<210> 32769
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32769
Gln Gln Leu Met Gly Glu Pro Gly Leu
1 5

<210> 32770
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32770
Leu Met Gly Glu Pro Gly Leu Ala Pro
1 5

<210> 32771

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32771
Ala Gln Gln Leu Met Gly Glu Pro Gly Leu
1 5 10

<210> 32772
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32772
Thr Gln Val Met Thr Leu Gln Gly Leu
1 5

<210> 32773
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32773
Gln Val Met Thr Leu Gln Gly Leu Val
1 5

<210> 32774
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32774
Thr Gln Val Met Thr Leu Gln Gly Leu Val
1 5 10

<210> 32775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32775
Met Thr Leu Gln Gly Leu Val Ser Pro Ser
1 5 10

<210> 32776
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32776
Thr Gln Asp Leu Thr Gln Val Met Thr Leu
1 5 10

<210> 32777
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32777
His Gln Ile Ile His Thr Arg Val Lys
1 5

<210> 32778
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32778
Ser Val Leu Thr Lys His Gln Ile Ile
1 5

<210> 32779
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32779
Ile Ile His Thr Arg Val Lys Ala Leu
1 5

<210> 32780
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32780
Arg Ser Val Leu Thr Lys His Gln Ile
1 5

<210> 32781
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32781
Leu Thr Lys His Gln Ile Ile His Thr Arg
1 5 10

<210> 32782
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32782
Lys His Gln Ile Ile His Thr Arg Val Lys
1 5 10

<210> 32783
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32783
Arg Ser Val Leu Thr Lys His Gln Ile Ile
1 5 10

<210> 32784
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32784
His Gln Ile Ile His Thr Arg Val Lys Ala
1 5 10

<210> 32785
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32785
Lys Ile Arg His Thr Glu Asn Lys Ser
1 5

<210> 32786
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32786
Arg His Thr Glu Asn Lys Ser Phe Lys
1 5

<210> 32787
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32787
Ile Arg His Thr Glu Asn Lys Ser Phe
1 5

<210> 32788
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32788
His Thr Glu Asn Lys Ser Phe Lys Cys Lys
1 5 10

<210> 32789
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32789
Arg Pro Lys Ile Arg His Thr Glu Asn Lys
1 5 10

<210> 32790
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32790
Lys Ile Arg His Thr Glu Asn Lys Ser Phe
1 5 10

<210> 32791
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32791
Ile Ile His Thr Arg Glu Lys Ala Tyr
1 5

<210> 32792
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32792
Ile Ile His Thr Arg Glu Lys Ala Tyr Lys
1 5 10

<210> 32793
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32793
Lys Ile Ile His Thr Arg Glu Lys Ala Tyr
1 5 10

<210> 32794
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32794
Arg Ser Ser His Leu Thr Lys His Lys Ile
1 5 10

<210> 32795
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32795
Ile Ile Asp Glu Phe Ile Val Lys Leu
1 5

<210> 32796
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32796
Ala Thr Ala Glu Ile Ile Asp Glu Phe
1 5

<210> 32797
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32797
Ala Glu Ile Ile Asp Glu Phe Ile Val
1 5

<210> 32798
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32798
Ala Thr Ala Glu Ile Ile Asp Glu Phe Ile
1 5 10

<210> 32799
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32799
Ile Ile Asp Glu Phe Ile Val Lys Leu Lys
1 5 10

<210> 32800
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32800
Glu Ile Ile Asp Glu Phe Ile Val Lys Leu
1 5 10

<210> 32801
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32801
Arg Ala Asn Lys Asp Ala Thr Ala Glu Ile
1 5 10

<210> 32802
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32802
Ser Asn Leu Leu Arg His Gln Ile Ile
1 5

<210> 32803
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32803
His Phe Gln Ile His Thr Gly Ile Lys
1 5

<210> 32804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32804
Phe Gln Ile His Thr Gly Ile Lys Pro
1 5

<210> 32805
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32805
Cys Leu Ser Asp His Phe Gln Ile His Thr
1 5 10

<210> 32806
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32806
Gln Ile His Thr Gly Ile Lys Pro Tyr Lys
1 5 10

<210> 32807
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32807
Phe Gln Ile His Thr Gly Ile Lys Pro Tyr
1 5 10

<210> 32808
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32808
Phe Gln Leu His Glu Gln Thr His Thr
1 5

<210> 32809
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32809
Glu Gln Thr His Thr Gly Glu Lys Pro Tyr
1 5 10

<210> 32810
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32810
Phe Gln Leu His Glu Gln Thr His Thr Gly
1 5 10

<210> 32811
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32811
Lys Thr Ser Gln Lys Ser Ile Leu Ser
1 5

<210> 32812
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32812
Lys Thr Ser Gln Lys Ser Ile Leu Ser Ala
1 5 10

<210> 32813
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32813

Ile Ile His Thr Gly Thr Lys Pro Tyr Lys
1 5 10

<210> 32814
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32814
Gln Leu Gln Cys His Ile Lys Asn Val
1 5

<210> 32815
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32815
Leu Gln Cys His Ile Lys Asn Val His
1 5

<210> 32816
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32816
Cys His Ile Lys Asn Val His Thr Ala
1 5

<210> 32817
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32817
Phe Gln Leu Gln Cys His Ile Lys Asn Val
1 5 10

<210> 32818
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32818
His His Lys Pro Gly Lys Met Pro Tyr
1 5

<210> 32819
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32819
Gly Lys Met Pro Tyr Val Cys Gln Val
1 5

<210> 32820
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32820
His Met Lys Asp His His Lys Pro Gly Lys
1 5 10

<210> 32821
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32821
Met Lys Asp His His Lys Pro Gly Lys Met
1 5 10

<210> 32822
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32822
Gly Lys Met Pro Tyr Val Cys Gln Val Cys
1 5 10

<210> 32823
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32823
Gly Tyr Gln Leu Thr Gln His Gln Ile
1 5

<210> 32824
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32824
Tyr Gln Leu Thr Gln His Gln Ile Phe
1 5

<210> 32825
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32825
Thr Gln His Gln Ile Phe His Thr Gly
1 5

<210> 32826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32826
Gly Tyr Gln Leu Thr Gln His Gln Ile Phe
1 5 10

<210> 32827
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32827
Trp Gly Tyr Gln Leu Thr Gln His Gln Ile
1 5 10

<210> 32828
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32828
Tyr Gln Leu Thr Gln His Gln Ile Phe His
1 5 10

<210> 32829
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32829
Lys Leu Glu Gln Lys Ser Pro Asp Leu Lys
1 5 10

<210> 32830
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32830
Glu Asn Ser Phe Trp His His Leu Val

1 5

<210> 32831
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32831
Asn Ser Phe Trp His His Leu Val Leu
1 5

<210> 32832
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32832
Lys Cys Ser Lys Cys Glu Asn Ser Phe
1 5

<210> 32833
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32833
Cys Glu Asn Ser Phe Trp His His Leu
1 5

<210> 32834
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32834
Tyr Lys Cys Ser Lys Cys Glu Asn Ser Phe
1 5 10

<210> 32835

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32835
Cys Glu Asn Ser Phe Trp His His Leu Val
1 5 10

<210> 32836
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32836
His Met Gln Thr His Thr Gly Glu Lys
1 5

<210> 32837
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32837
Lys Ser His Met Gln Thr His Thr Gly
1 5

<210> 32838
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32838
Ser His Met Gln Thr His Thr Gly Glu Lys
1 5 10

<210> 32839
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32839
Met Gln Thr His Thr Gly Glu Lys Pro Tyr
1 5 10

<210> 32840
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32840
Gln Thr His Thr Gly Glu Lys Pro Tyr Val
1 5 10

<210> 32841
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32841
Ala Val Asn Val Glu Asn Phe Tyr Val
1 5

<210> 32842
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32842
Phe Val Asn Leu Pro Ser Met Cys Ile
1 5

<210> 32843
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32843
Phe Tyr Val Arg Asn Gln Pro Ser Leu
1 5

<210> 32844
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32844
Arg Ile His Thr Gly Glu Asn Pro Met
1 5

<210> 32845
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32845
His Thr Gly Glu Asn Pro Met Asn Val
1 5

<210> 32846
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32846
Glu Val Ile Gln Glu Arg Ser Pro Met
1 5

<210> 32847
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32847
Asn Ala Val Asn Val Glu Asn Phe Tyr
1 5

<210> 32848
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32848
Val Val Asn Val Arg Lys Pro Ser Phe
1 5

<210> 32849
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32849
Val Arg Lys Pro Ser Phe Val Asn Leu
1 5

<210> 32850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32850
Pro Ser Phe Val Asn Leu Pro Ser Met
1 5

<210> 32851
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32851
Gln Glu Arg Ser Pro Met Asn Ala Val
1 5

<210> 32852
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32852
Met Asn Ala Val Asn Val Glu Asn Phe
1 5

<210> 32853
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32853
Val Arg Asn Gln Pro Ser Leu His Ile
1 5

<210> 32854
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32854
Leu Pro Ser Met Cys Ile Glu Glu Val
1 5

<210> 32855
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32855
Asn Leu Pro Ser Met Cys Ile Glu Glu Val
1 5 10

<210> 32856
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32856
Val Val Asn Val Arg Lys Pro Ser Phe Val
1 5 10

<210> 32857
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32857
Ala Val Asn Val Glu Asn Phe Tyr Val Arg
1 5 10

<210> 32858
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32858
Ser Phe Val Asn Leu Pro Ser Met Cys Ile
1 5 10

<210> 32859
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32859
Asn Val Arg Lys Pro Ser Phe Val Asn Leu
1 5 10

<210> 32860
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32860
Tyr Val Arg Asn Gln Pro Ser Leu His Ile
1 5 10

<210> 32861
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32861
Met Asn Ala Val Asn Val Glu Asn Phe Tyr
1 5 10

<210> 32862
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32862
His Thr Gly Glu Asn Pro Met Asn Val Val
1 5 10

<210> 32863
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32863
Asn Ala Val Asn Val Glu Asn Phe Tyr Val
1 5 10

<210> 32864
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32864
Lys Pro Ser Phe Val Asn Leu Pro Ser Met
1 5 10

<210> 32865
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32865
Asn Phe Tyr Val Arg Asn Gln Pro Ser Leu
1 5 10

<210> 32866
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32866
Gln Arg Ile His Thr Gly Glu Asn Pro Met
1 5 10

<210> 32867
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32867
Gly Glu Asn Pro Met Asn Val Val Asn Val
1 5 10

<210> 32868
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32868
Asn Val Val Asn Val Arg Lys Pro Ser Phe
1 5 10

<210> 32869
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32869
Glu Glu Val Ile Gln Glu Arg Ser Pro Met
1 5 10

<210> 32870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32870
Ile Gln Glu Arg Ser Pro Met Asn Ala Val
1 5 10

<210> 32871
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32871
Pro Met Asn Ala Val Asn Val Glu Asn Phe
1 5 10

<210> 32872
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32872
Leu Pro Ser Met Cys Ile Glu Glu Val Ile
1 5 10

<210> 32873
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32873
Ser Ala Ser Leu Ile Gln His Glu Ile
1 5

<210> 32874
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32874
Ile Gln His Glu Ile Ile His Thr Gly
1 5

<210> 32875
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32875
Ser Leu Ile Gln His Glu Ile Ile His Thr
1 5 10

<210> 32876
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32876
Gln Ser Ala Ser Leu Ile Gln His Glu Ile
1 5 10

<210> 32877
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32877

Glu Glu Asp Ser Leu Lys Ala Asn Leu
1 5

<210> 32878
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32878
Ile Glu Glu Asp Ser Leu Lys Ala Asn Leu
1 5 10

<210> 32879
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32879
Arg Ile Ala Gly Glu Pro Ser Ala Ala
1 5

<210> 32880
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32880
Ser Ser Gly Leu Thr Ala Thr Pro Arg
1 5

<210> 32881
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32881
Ala Thr Pro Arg Ser Trp Pro Pro Ala
1 5

<210> 32882
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32882
Arg Pro Gly Pro Ser Pro Ala Arg Ile
1 5

<210> 32883
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32883
Gly Leu Thr Ala Thr Pro Arg Ser Trp
1 5

<210> 32884
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32884
Ala Arg Ile Ala Gly Glu Pro Ser Ala
1 5

<210> 32885
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32885
Arg Ile Ala Gly Glu Pro Ser Ala Ala Ala
1 5 10

<210> 32886
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32886
Ile Ser Ser Gly Leu Thr Ala Thr Pro Arg
1 5 10

<210> 32887
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32887
Pro Ala Arg Pro Gly Pro Ser Pro Ala Arg
1 5 10

<210> 32888
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32888
Thr Pro Arg Ser Trp Pro Pro Ala Pro Arg
1 5 10

<210> 32889
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32889
Ala Pro Arg Cys Ser Pro Pro Pro Pro Ala
1 5 10

<210> 32890
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32890
Arg Pro Gly Pro Ser Pro Ala Arg Ile Ala
1 5 10

<210> 32891
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32891
Ser Gly Leu Thr Ala Thr Pro Arg Ser Trp
1 5 10

<210> 32892
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32892
Ala Arg Ile Ala Gly Glu Pro Ser Ala Ala
1 5 10

<210> 32893
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32893
Asn Leu Gln Lys Gln Thr Glu Arg Val
1 5

<210> 32894
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32894
Leu Gln Lys Gln Thr Glu Arg Val Leu

1 5

<210> 32895
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32895
Lys Ile His Pro Ala Val Asn Leu Gln Lys
1 5 10

<210> 32896
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32896
Ser Lys His Lys Thr Met Leu Glu Ala
1 5

<210> 32897
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32897
Gly Ser Lys His Lys Thr Met Leu Glu Ala
1 5 10

<210> 32898
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32898
Ser Gln Leu Glu Ala His Asn Ser Gly Ser
1 5 10

<210> 32899

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32899
Leu Glu Ala His Asn Ser Gly Ser Lys His
1 5 10

<210> 32900
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32900
Ile Leu Asp Thr Asn Ser Thr Asn Val
1 5

<210> 32901
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32901
Lys Leu Leu Thr Ser Pro Gln Ser Leu
1 5

<210> 32902
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32902
Leu Leu Thr Ser Pro Gln Ser Leu Leu
1 5

<210> 32903
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32903
Ile Ile Leu Asp Thr Asn Ser Thr Asn Val
1 5 10

<210> 32904
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32904
Lys Leu Leu Thr Ser Pro Gln Ser Leu Leu
1 5 10

<210> 32905
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32905
Ile Leu Asp Thr Asn Ser Thr Asn Val Lys
1 5 10

<210> 32906
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32906
Ser Ser Arg Leu Thr Thr His Lys Lys Ile
1 5 10

<210> 32907
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32907
Asp Thr Asn Ser Thr Asn Val Lys Asn Val
1   5   10

<210> 32908
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 32908
Leu Thr Ser Pro Gln Ser Leu Leu Pro Ile
1   5   10

<210> 32909
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 32909
Arg Leu Thr Thr His Lys Lys Ile Ile Leu
1   5   10

<210> 32910
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 32910
Ala Lys Leu Leu Thr Ser Pro Gln Ser Leu
1   5   10

<210> 32911
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
      peptide"

<400> 32911
Ile Ile Cys Thr Gly Glu Lys Phe Tyr
1   5

<210> 32912
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32912
Lys Ile Ile Cys Thr Gly Glu Lys Phe
1 5

<210> 32913
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32913
Ile Ile Cys Thr Gly Glu Lys Phe Tyr Lys
1 5 10

<210> 32914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32914
Cys Thr Gly Glu Lys Phe Tyr Lys Cys Lys
1 5 10

<210> 32915
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32915
Thr His Lys Ile Ile Cys Thr Gly Glu Lys
1 5 10

<210> 32916
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32916
Lys Ile Ile Cys Thr Gly Glu Lys Phe Tyr
1 5 10

<210> 32917
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32917
His Lys Ile Ile Cys Thr Gly Glu Lys Phe
1 5 10

<210> 32918
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32918
Arg Thr Pro Glu Gln Cys Cys Thr Lys
1 5

<210> 32919
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32919
Cys Thr Lys Phe Lys Ser Leu Gln Leu
1 5

<210> 32920
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32920
Thr Pro Glu Gln Cys Cys Thr Lys Phe
1 5

<210> 32921
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32921
Arg Thr Pro Glu Gln Cys Cys Thr Lys Phe
1 5 10

<210> 32922
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32922
Ile Thr His Ile Gly Glu Lys Pro Tyr
1 5

<210> 32923
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32923
His Arg Ile His Glu Ile Thr His Ile
1 5

<210> 32924
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32924
Tyr Ser Ala Thr His Arg Ile His Glu Ile
1 5 10

<210> 32925
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32925
Ser Ser Ser Leu Gln Ile His Glu Arg
1 5

<210> 32926
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32926
Phe Ser Val Ser Ser Ser Leu Gln Ile
1 5

<210> 32927
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32927
Val Ser Ser Ser Leu Gln Ile His Glu Arg
1 5 10

<210> 32928
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32928
Arg Ala Phe Ser Val Ser Ser Ser Leu Gln
1 5 10

<210> 32929
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32929
Phe Ser Val Ser Ser Ser Leu Gln Ile His
1 5 10

<210> 32930
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32930
Cys Leu Ile His Glu Ile Thr His Thr
1 5

<210> 32931
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32931
Ser Ser Ser Cys Leu Ile His Glu Ile
1 5

<210> 32932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32932
Asp Ser Ser Ser Cys Leu Ile His Glu Ile
1 5 10

<210> 32933
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32933
Glu Ile Thr His Thr Gly Glu Lys Pro Tyr
1 5 10

<210> 32934
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32934
Thr Phe Met Cys Gln Gln Cys Gly Lys
1 5

<210> 32935
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32935
Lys Thr Phe Met Cys Gln Gln Cys Gly
1 5

<210> 32936
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32936
Ala Pro Ala Val Glu Lys Thr Phe Met
1 5

<210> 32937
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32937
Met Cys Gln Gln Cys Gly Lys Thr Phe
1 5

<210> 32938
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32938
Lys Thr Phe Met Cys Gln Gln Cys Gly Lys
1 5 10

<210> 32939
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32939
Phe Met Cys Gln Gln Cys Gly Lys Thr Phe
1 5 10

<210> 32940
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32940
Ser Ser Leu Thr Glu His Gln Ile Ile
1 5

<210> 32941
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32941

Thr Glu His Gln Ile Ile His Thr Gly
1 5

<210> 32942
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32942
Ser Leu Thr Glu His Gln Ile Ile His Thr
1 5 10

<210> 32943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32943
Lys Val Phe Ser Lys Ile Ser Thr Leu
1 5

<210> 32944
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32944
Phe Ser Lys Ile Ser Thr Leu Asn Lys
1 5

<210> 32945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32945
Ile Ser Thr Leu Asn Lys His Gln Lys
1 5

<210> 32946
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32946
Val Phe Ser Lys Ile Ser Thr Leu Asn Lys
1 5 10

<210> 32947
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32947
Lys Ile Ser Thr Leu Asn Lys His Gln Lys
1 5 10

<210> 32948
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32948
Gly Lys Val Phe Ser Lys Ile Ser Thr Leu
1 5 10

<210> 32949
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32949
Ser Glu Cys Gly Lys Val Phe Ser Lys Ile
1 5 10

<210> 32950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32950
Pro Thr Ser Ser Asn Thr Val Lys Lys
1 5

<210> 32951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32951
Asp Ser His Pro Thr Ser Ser Asn Thr Val
1 5 10

<210> 32952
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32952
Leu Glu Asn Glu Thr Asp Ser His Pro Thr
1 5 10

<210> 32953
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32953
Lys Ser Leu Thr Leu His Gln Ile Ile
1 5

<210> 32954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 32954
Arg Lys Ser Leu Thr Leu His Gln Ile
1 5

<210> 32955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32955
Lys Ser Leu Thr Leu His Gln Ile Ile His
1 5 10

<210> 32956
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32956
Arg Lys Ser Leu Thr Leu His Gln Ile Ile
1 5 10

<210> 32957
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32957
Ser Glu His Leu Ile Gln His Gln Ile
1 5

<210> 32958
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32958
Ser Glu His Leu Ile Gln His Gln Ile Ile

1 5 10

<210> 32959
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32959
Ser Ser Ala His Ile Lys His Gln Arg
1 5

<210> 32960
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32960
His Ile Lys His Gln Arg Thr His Arg
1 5

<210> 32961
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32961
Lys Gly Phe Gly Asp Ser Ser Ala His
1 5

<210> 32962
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32962
Ala His Ile Lys His Gln Arg Thr His
1 5

<210> 32963

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32963
Asp Ser Ser Ala His Ile Lys His Gln Arg
1 5 10

<210> 32964
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32964
Lys Gly Phe Gly Asp Ser Ser Ala His Ile
1 5 10

<210> 32965
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32965
Arg Thr Ser His Ile Ser Ala Leu Ile
1 5

<210> 32966
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32966
His Ile Ser Ala Leu Ile Ala Ala Arg
1 5

<210> 32967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32967
Arg Pro Arg Thr Ser His Ile Ser Ala
1 5

<210> 32968
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32968
Ala Ala Arg Gly Leu Cys Ser Ala Ala
1 5

<210> 32969
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32969
Leu Pro Arg Asp Arg Arg Pro Arg Thr
1 5

<210> 32970
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32970
Ser His Ile Ser Ala Leu Ile Ala Ala
1 5

<210> 32971
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32971
Leu Ile Ala Ala Arg Gly Leu Cys Ser Ala
1 5 10

<210> 32972
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32972
Arg Gln Leu Pro Arg Asp Arg Arg Pro Arg
1 5 10

<210> 32973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32973
Arg Thr Ser His Ile Ser Ala Leu Ile Ala
1 5 10

<210> 32974
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32974
Thr Ser His Ile Ser Ala Leu Ile Ala Ala
1 5 10

<210> 32975
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32975
Ala Ala Arg Gly Leu Cys Ser Ala Ala Ala
1 5 10

<210> 32976
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32976
His Leu Gly Gln Pro Arg Gln Leu Pro Arg
1 5 10

<210> 32977
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32977
Ser His Ile Ser Ala Leu Ile Ala Ala Arg
1 5 10

<210> 32978
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32978
Leu Pro Arg Asp Arg Arg Pro Arg Thr Ser
1 5 10

<210> 32979
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32979
Arg Pro Arg Thr Ser His Ile Ser Ala Leu
1 5 10

<210> 32980
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32980
Asp Gln Trp Cys Pro Asp Gly Ser His Leu
1 5 10

<210> 32981
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32981
Ile Ala Ala Arg Gly Leu Cys Ser Ala Ala
1 5 10

<210> 32982
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32982
Asn Gln Asn Lys Pro Leu Ser Cys Val
1 5

<210> 32983
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32983
Leu Ser Cys Val Val Phe Ile Asn Lys
1 5

<210> 32984
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32984
Asn Lys Pro Leu Ser Cys Val Val Phe
1 5

<210> 32985
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32985
Lys Pro Leu Ser Cys Val Val Phe Ile
1 5

<210> 32986
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32986
Asn Gln Asn Lys Pro Leu Ser Cys Val Val
1 5 10

<210> 32987
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32987
Pro Leu Ser Cys Val Val Phe Ile Asn Lys
1 5 10

<210> 32988
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32988
Leu Ser Cys Val Val Phe Ile Asn Lys Lys
1 5 10

<210> 32989
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32989
Gln Asn Lys Pro Leu Ser Cys Val Val Phe
1 5 10

<210> 32990
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32990
Lys Ser Ser Thr Leu Thr Gly His Gln Ile
1 5 10

<210> 32991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32991
Gln Leu Ser Thr Pro Lys Leu Leu Val
1 5

<210> 32992
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32992
Gly Gln Leu Ser Thr Pro Lys Leu Leu
1 5

<210> 32993
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32993
Cys Trp Gly Gln Leu Ser Thr Pro Lys Leu
1 5 10

<210> 32994
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32994
Gly Gln Leu Ser Thr Pro Lys Leu Leu Val
1 5 10

<210> 32995
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32995
Ser Ala Lys Tyr Ile Gln Ile His Gly
1 5

<210> 32996
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 32996
Arg Ser Ala Lys Tyr Ile Gln Ile His
1 5

<210> 32997
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32997
Phe Arg Ser Ala Lys Tyr Ile Gln Ile
1 5

<210> 32998
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32998
Ile Gln Ile His Gly Arg Thr His Thr
1 5

<210> 32999
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 32999
Ala Phe Arg Ser Ala Lys Tyr Ile Gln Ile
1 5 10

<210> 33000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33000
Ser Ala Lys Tyr Ile Gln Ile His Gly Arg
1 5 10

<210> 33001
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33001
Ile Gln Ile His Gly Arg Thr His Thr Gly
1 5 10

<210> 33002
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33002
Arg Ile His Thr Gly Glu Lys His Tyr
1 5

<210> 33003
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33003
Arg Ile His Thr Gly Glu Lys His Tyr Lys
1 5 10

<210> 33004
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33004
Lys Arg Ile His Thr Gly Glu Lys His Tyr
1 5 10

<210> 33005
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33005

Met Thr Phe Glu Asp Val Ala Gly Glu
1 5

<210> 33006
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33006
Met Thr Phe Glu Asp Val Ala Gly Glu Phe
1 5 10

<210> 33007
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33007
Val Ala Gly Glu Phe Ser Gln Trp Glu Trp
1 5 10

<210> 33008
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33008
Tyr Phe Lys Cys Lys Glu Cys Gly Lys
1 5

<210> 33009
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33009
Gln Arg Ile His Thr Gly Glu Lys Tyr
1 5

<210> 33010
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33010
Arg Ile His Thr Gly Glu Lys Tyr Phe
1 5

<210> 33011
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33011
Arg Ile His Thr Gly Glu Lys Tyr Phe Lys
1 5 10

<210> 33012
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33012
His Thr Gly Glu Lys Tyr Phe Lys Cys Lys
1 5 10

<210> 33013
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33013
Lys Tyr Phe Lys Cys Lys Glu Cys Gly Lys
1 5 10

<210> 33014
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33014
His Gln Arg Ile His Thr Gly Glu Lys Tyr
1 5 10

<210> 33015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33015
Gln Arg Ile His Thr Gly Glu Lys Tyr Phe
1 5 10

<210> 33016
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33016
Ile Cys Asn Gln Cys Cys Ala Lys Tyr
1 5

<210> 33017
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33017
Gly Glu Tyr Ile Cys Asn Gln Cys Cys
1 5

<210> 33018
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33018
Tyr Ile Cys Asn Gln Cys Cys Ala Lys Tyr
1 5 10

<210> 33019
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33019
Cys Ala Lys Tyr Thr Ser Leu Asp Ser Phe
1 5 10

<210> 33020
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33020
Asn Gln Cys Cys Ala Lys Tyr Thr Ser Leu
1 5 10

<210> 33021
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33021
Gly Glu Tyr Ile Cys Asn Gln Cys Cys Ala
1 5 10

<210> 33022
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33022
Leu Gln Lys His Ile Ala Glu Cys His His

1 5 10

<210> 33023
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33023
Lys Val Phe Gln Ser Ser Ser Lys Leu
1 5

<210> 33024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33024
Phe Gln Ser Ser Ser Lys Leu Ala Gln
1 5

<210> 33025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33025
Lys Val Phe Gln Ser Ser Ser Lys Leu Ala
1 5 10

<210> 33026
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33026
Phe Gln Ser Ser Ser Lys Leu Ala Gln His
1 5 10

<210> 33027

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33027
His Glu Cys Asp Lys Val Phe Gln Ser Ser
1 5 10

<210> 33028
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33028
Arg Lys Ile His Thr Gly Glu Lys Pro His
1 5 10

<210> 33029
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33029
Glu Glu Asp Trp Leu His Val Gly Leu
1 5

<210> 33030
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33030
Asp Trp Leu His Val Gly Leu Asp Glu Arg
1 5 10

<210> 33031
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33031
Gly Glu Glu Asp Trp Leu His Val Gly Leu
1 5 10

<210> 33032
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33032
Arg Thr His Lys Leu Gly Asn Leu Cys
1 5

<210> 33033
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33033
Arg Thr His Lys Leu Gly Asn Leu Cys Lys
1 5 10

<210> 33034
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33034
Asn Leu Cys Lys Gly Arg Gly Arg Val Arg
1 5 10

<210> 33035
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33035
Lys Thr Phe Ser His Ser Thr Ala Leu
1 5

<210> 33036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33036
Thr His Lys Glu Tyr Val Lys Thr Phe
1 5

<210> 33037
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33037
Lys Glu Tyr Val Lys Thr Phe Ser His
1 5

<210> 33038
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33038
Val Lys Thr Phe Ser His Ser Thr Ala
1 5

<210> 33039
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33039
Tyr Val Lys Thr Phe Ser His Ser Thr Ala
1 5 10

<210> 33040
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33040
Lys Thr Phe Ser His Ser Thr Ala Leu Phe
1 5 10

<210> 33041
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33041
Tyr Thr His Lys Glu Tyr Val Lys Thr Phe
1 5 10

<210> 33042
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33042
Arg Pro Tyr Thr His Lys Glu Tyr Val Lys
1 5 10

<210> 33043
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33043
Val Lys Thr Phe Ser His Ser Thr Ala Leu
1 5 10

<210> 33044
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33044
Lys Glu Tyr Val Lys Thr Phe Ser His Ser
1 5 10

<210> 33045
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33045
Ala Phe Phe Gly Pro Val Tyr Tyr Val
1 5

<210> 33046
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33046
Val Leu Lys Pro Phe Leu Phe Thr Val
1 5

<210> 33047
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33047
Lys Ala Phe Phe Gly Pro Val Tyr Tyr
1 5

<210> 33048
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33048
Cys Met Lys Glu Leu Thr Leu Glu Arg
1 5

<210> 33049
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33049
Phe Phe Gly Pro Val Tyr Tyr Val Cys
1 5

<210> 33050
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33050
Val Tyr Tyr Val Cys Met Lys Glu Leu
1 5

<210> 33051
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33051
Ser Ser Val Leu Lys Pro Phe Leu Phe
1 5

<210> 33052
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33052
Cys Gly Lys Ala Phe Phe Gly Pro Val
1 5

<210> 33053
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33053
Gly Lys Ala Phe Phe Gly Pro Val Tyr
1 5

<210> 33054
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33054
Phe Thr Val Pro Ile Glu Asp Met Arg
1 5

<210> 33055
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33055
Lys Pro Phe Leu Phe Thr Val Pro Ile
1 5

<210> 33056
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33056
Asn Val Ser Ser Val Leu Lys Pro Phe
1 5

<210> 33057
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33057
Lys Ala Phe Phe Gly Pro Val Tyr Tyr Val
1 5 10

<210> 33058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33058
Ser Val Leu Lys Pro Phe Leu Phe Thr Val
1 5 10

<210> 33059
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33059
Phe Leu Phe Thr Val Pro Ile Glu Asp Met
1 5 10

<210> 33060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33060
Phe Phe Gly Pro Val Tyr Tyr Val Cys Met
1 5 10

<210> 33061
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33061
Tyr Tyr Val Cys Met Lys Glu Leu Thr Leu
1 5 10

<210> 33062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33062
Val Ser Ser Val Leu Lys Pro Phe Leu Phe
1 5 10

<210> 33063
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33063
Cys Gly Lys Ala Phe Phe Gly Pro Val Tyr
1 5 10

<210> 33064
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33064
Gly Lys Ala Phe Phe Gly Pro Val Tyr Tyr
1 5 10

<210> 33065
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33065
Asn Val Ser Ser Val Leu Lys Pro Phe Leu
1 5 10

<210> 33066
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33066
Met Asn Val Ser Ser Val Leu Lys Pro Phe
1 5 10

<210> 33067
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33067
Lys Glu Leu Thr Leu Glu Arg Asn Arg Met
1 5 10

<210> 33068
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33068
Leu Lys Pro Phe Leu Phe Thr Val Pro Ile
1 5 10

<210> 33069
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33069

Pro Ser Gln Asn Asn Leu Tyr Arg Tyr
1 5

<210> 33070
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33070
Leu Leu Gly Pro Ser Gln Asn Asn Leu
1 5

<210> 33071
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33071
Ser Gln Asn Asn Leu Tyr Arg Tyr Val
1 5

<210> 33072
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33072
Leu Gly Pro Ser Gln Asn Asn Leu Tyr
1 5

<210> 33073
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33073
Gln Asn Asn Leu Tyr Arg Tyr Val Met
1 5

<210> 33074
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33074
Ala Leu Leu Gly Pro Ser Gln Asn Asn Leu
1 5 10

<210> 33075
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33075
Leu Leu Gly Pro Ser Gln Asn Asn Leu Tyr
1 5 10

<210> 33076
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33076
Ser Gln Asn Asn Leu Tyr Arg Tyr Val Met
1 5 10

<210> 33077
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33077
Gly Pro Ser Gln Asn Asn Leu Tyr Arg Tyr
1 5 10

<210> 33078
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33078
Phe Leu Leu His Gln Ile Ile His Lys
1 5

<210> 33079
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33079
Ser Tyr Phe Leu Leu His Gln Ile Ile
1 5

<210> 33080
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33080
His Gln Ile Ile His Lys Gly Gly Lys
1 5

<210> 33081
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33081
Ile Ile His Lys Gly Gly Lys Pro Tyr
1 5

<210> 33082
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33082
Ala Ser Tyr Phe Leu Leu His Gln Ile
1 5

<210> 33083
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33083
Gln Ile Ile His Lys Gly Gly Lys Pro Tyr
1 5 10

<210> 33084
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33084
Thr Ala Ser Tyr Phe Leu Leu His Gln Ile
1 5 10

<210> 33085
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33085
Ala Ser Tyr Phe Leu Leu His Gln Ile Ile
1 5 10

<210> 33086
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33086
Cys His Arg Arg Cys His Thr Ser Glu Lys

1 5 10

<210> 33087
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33087
Ser Phe Leu Ala Gln His Gln Ile Ile
1 5

<210> 33088
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33088
Gly Ser Phe Leu Ala Gln His Gln Ile
1 5

<210> 33089
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33089
Phe Leu Ala Gln His Gln Ile Ile His
1 5

<210> 33090
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33090
Phe Leu Ala Gln His Gln Ile Ile His Thr
1 5 10

<210> 33091

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33091
Gly Ser Phe Leu Ala Gln His Gln Ile Ile
1 5 10

<210> 33092
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33092
His Gln Lys Thr His Thr Gly Asp Lys
1 5

<210> 33093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33093
Lys Thr His Thr Gly Asp Lys Ser Tyr
1 5

<210> 33094
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33094
Lys Thr His Thr Gly Asp Lys Ser Tyr Ile
1 5 10

<210> 33095
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33095
Gln Lys Thr His Thr Gly Asp Lys Ser Tyr
1 5 10

<210> 33096
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33096
Val Cys Ala Lys Cys Gly Lys Ala Phe
1 5

<210> 33097
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33097
Lys Pro Tyr Val Cys Ala Lys Cys Gly Lys
1 5 10

<210> 33098
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33098
Tyr Val Cys Ala Lys Cys Gly Lys Ala Phe
1 5 10

<210> 33099
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33099
Gly Glu Lys Pro Tyr Val Cys Ala Lys Cys
1 5 10

<210> 33100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33100
Leu Leu Thr Lys Ala Val His Leu Ala
1 5

<210> 33101
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33101
Asn Leu Leu Thr Lys Ala Val His Leu
1 5

<210> 33102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33102
Thr Lys Ala Val His Leu Ala Asn Leu
1 5

<210> 33103
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33103
Asn Leu Leu Thr Lys Ala Val His Leu Ala
1 5 10

<210> 33104
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33104
Thr Leu Ala Pro Ala Asn Leu Leu Thr Lys
1 5 10

<210> 33105
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33105
Leu Thr Lys Ala Val His Leu Ala Asn Leu
1 5 10

<210> 33106
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33106
Ala Pro Ala Asn Leu Leu Thr Lys Ala Val
1 5 10

<210> 33107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33107
Ser Ser Lys Gly Ser Pro Gln Met Pro Lys
1 5 10

<210> 33108
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33108
Gln Met Pro Lys Ser Pro Lys Ser Pro Arg
1 5 10

<210> 33109
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33109
Lys Glu Ser Ser Lys Gly Ser Pro Gln Met
1 5 10

<210> 33110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33110
His Leu Val Pro His Gln Ile Ile His
1 5

<210> 33111
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33111
Ile Ile His Thr Gly Glu Lys Pro Leu Lys
1 5 10

<210> 33112
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33112
Ser Ser His Leu Val Pro His Gln Ile Ile
1 5 10

<210> 33113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33113
Ala Glu Ala Ala Ala Ala Pro Glu Arg Gly
1 5 10

<210> 33114
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33114
Gln Ile Val Leu Leu Arg Ile Ser Lys
1 5

<210> 33115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33115
Lys Asn Arg Gly Gly Pro Met Gly Lys
1 5

<210> 33116
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33116
Leu Leu Arg Ile Ser Lys Pro Ala Leu
1 5

<210> 33117
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33117
Lys Pro Ala Leu Pro Pro Pro Thr Lys
1 5

<210> 33118
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33118
Gly Pro Met Gly Lys Gly Gly Gly Ala
1 5

<210> 33119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33119
Pro Pro Thr Lys Gly Lys Thr Ser Leu
1 5

<210> 33120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33120
Gly Lys Gly Gly Gly Ala Ala Ser Met
1 5

<210> 33121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33121
Thr Lys Gly Lys Thr Ser Leu Gln Trp
1 5

<210> 33122
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33122
Gly Lys Thr Ser Leu Gln Trp Ser Trp
1 5

<210> 33123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33123
Asp Glu Gly His Pro Gln Ile Val Leu
1 5

<210> 33124
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33124
Met Pro Ala Asp Glu Gly His Pro Gln
1 5

<210> 33125
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33125
His Pro Gln Ile Val Leu Leu Arg Ile
1 5

<210> 33126
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33126
Val Leu Leu Arg Ile Ser Lys Pro Ala Leu
1 5 10

<210> 33127
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33127
Ile Ser Lys Pro Ala Leu Pro Pro Pro Thr
1 5 10

<210> 33128
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33128
Glu Gly His Pro Gln Ile Val Leu Leu Arg
1 5 10

<210> 33129
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33129
Met Pro Ala Asp Glu Gly His Pro Gln Ile
1 5 10

<210> 33130
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33130
Gly Pro Met Gly Lys Gly Gly Gly Ala Ala
1 5 10

<210> 33131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33131
Met Gly Lys Gly Gly Gly Ala Ala Ser Met
1 5 10

<210> 33132
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33132
Leu Gln Asn Lys Asn Arg Gly Gly Pro Met
1 5 10

<210> 33133
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33133

Lys Gly Lys Thr Ser Leu Gln Trp Ser Trp
1 5 10

<210> 33134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33134
Asp Glu Gly His Pro Gln Ile Val Leu Leu
1 5 10

<210> 33135
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33135
Arg Lys Ser Thr Ile Glu Thr His Lys Ile
1 5 10

<210> 33136
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33136
Ser Thr Cys Leu His Ala His Lys Lys
1 5

<210> 33137
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33137
Ser Ser Thr Cys Leu His Ala His Lys Lys
1 5 10

<210> 33138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33138
Ala His Lys Lys Thr His Thr Gly Glu Lys
1 5 10

<210> 33139
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33139
Cys Ser Ser Asn Leu Thr Thr His Lys Arg
1 5 10

<210> 33140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33140
Lys Phe Ser His Ala Asn Ala Gln Lys
1 5

<210> 33141
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33141
His Ala Asn Ala Gln Lys Met Lys Arg
1 5

<210> 33142
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33142
Phe Ser His Ala Asn Ala Gln Lys Met
1 5

<210> 33143
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33143
Trp Leu Pro Lys Phe Ser His Ala Asn Ala
1 5 10

<210> 33144
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33144
Phe Ser His Ala Asn Ala Gln Lys Met Lys
1 5 10

<210> 33145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33145
Lys Phe Ser His Ala Asn Ala Gln Lys Met
1 5 10

<210> 33146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33146
Arg Leu Asn Val Leu Asn Trp Leu Ala
1 5

<210> 33147
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33147
Trp Leu Ala Asn Asn Met Asp Asp Leu
1 5

<210> 33148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33148
Val Leu Asn Trp Leu Ala Asn Asn Met
1 5

<210> 33149
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33149
Lys Ser Arg Leu Asn Val Leu Asn Trp
1 5

<210> 33150
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33150
Ser Arg Leu Asn Val Leu Asn Trp Leu

1 5

<210> 33151
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33151
Trp Leu Ala Asn Asn Met Asp Asp Leu Lys
1 5 10

<210> 33152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33152
Lys Ser Arg Leu Asn Val Leu Asn Trp Leu
1 5 10

<210> 33153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33153
Asn Val Leu Asn Trp Leu Ala Asn Asn Met
1 5 10

<210> 33154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33154
Thr Lys Ser Arg Leu Asn Val Leu Asn Trp
1 5 10

<210> 33155

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33155
Ser Leu Glu Lys Val Cys Pro His Ile
1 5

<210> 33156
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33156
Leu Glu Lys Val Cys Pro His Ile Ala
1 5

<210> 33157
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33157
Ser Gln Leu Thr Glu His Lys Ile Ile
1 5

<210> 33158
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33158
Ile Ile His Thr Gly Lys Lys Pro His Val
1 5 10

<210> 33159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33159
Lys Lys Ser Gln Leu Thr Glu His Lys Ile
1 5 10

<210> 33160
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33160
Ser Gln Leu Thr Glu His Lys Ile Ile His
1 5 10

<210> 33161
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33161
Ile Val His Gly Tyr Ala Glu Asn Lys
1 5

<210> 33162
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33162
Ala Glu Asn Lys Phe Ser Cys Glu Ile
1 5

<210> 33163
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33163
Lys Ile Val His Gly Tyr Ala Glu Asn Lys
1 5 10

<210> 33164
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33164
Ile Val His Gly Tyr Ala Glu Asn Lys Phe
1 5 10

<210> 33165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33165
Ala Glu Asn Lys Phe Ser Cys Glu Ile Cys
1 5 10

<210> 33166
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33166
Ser His Leu Ser Val His Gln Ile Ile
1 5

<210> 33167
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33167
Lys Ser His Leu Ser Val His Gln Ile
1 5

<210> 33168
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33168
Lys Ser His Leu Ser Val His Gln Ile Ile
1 5 10

<210> 33169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33169
Gly Lys Ser His Leu Ser Val His Gln Ile
1 5 10

<210> 33170
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33170
Lys Leu Thr Lys His Lys Ile Ile Tyr
1 5

<210> 33171
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33171
Ile Ile Tyr Thr Cys Glu Lys Leu Tyr
1 5

<210> 33172
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33172
Ser Ser Lys Leu Thr Lys His Lys Ile
1 5

<210> 33173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33173
Ile Ile Tyr Thr Cys Glu Lys Leu Tyr Lys
1 5 10

<210> 33174
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33174
Ser Ser Lys Leu Thr Lys His Lys Ile Ile
1 5 10

<210> 33175
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33175
Lys His Lys Ile Ile Tyr Thr Cys Glu Lys
1 5 10

<210> 33176
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33176
Lys Ile Ile Tyr Thr Cys Glu Lys Leu Tyr
1 5 10

<210> 33177
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33177
Ser Lys Leu Thr Lys His Lys Ile Ile Tyr
1 5 10

<210> 33178
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33178
His Lys Ile Ile Tyr Thr Cys Glu Lys Leu
1 5 10

<210> 33179
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33179
His Glu Met Val Glu Glu Pro Thr Val
1 5

<210> 33180
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33180
Glu Pro Thr Val Ile Cys Ser His Phe
1 5

<210> 33181
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33181
His Glu Met Val Glu Glu Pro Thr Val Ile
1 5 10

<210> 33182
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33182
Glu Glu Pro Thr Val Ile Cys Ser His Phe
1 5 10

<210> 33183
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33183
Ser Ser Leu Val Glu His Gln Ile Ile
1 5

<210> 33184
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33184
Val Glu His Gln Ile Ile His Thr Gly
1 5

<210> 33185
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33185
Ser Leu Val Glu His Gln Ile Ile His Thr
1 5 10

<210> 33186
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33186
His Thr Lys Asp Gln Gln His Asn Lys
1 5

<210> 33187
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33187
Cys Asn Lys Asn Leu Thr His Thr Lys
1 5

<210> 33188
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33188
Phe Asn Trp Ser Ser His Leu Thr Arg
1 5

<210> 33189
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33189
Trp Ser Ser His Leu Thr Arg His Lys Lys
1 5 10

<210> 33190
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33190
Ala Phe Asn Trp Ser Ser His Leu Thr Arg
1 5 10

<210> 33191
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33191
Phe Asn Trp Ser Ser His Leu Thr Arg His
1 5 10

<210> 33192
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33192
Leu Leu Pro Gln Arg Val Ser Val Cys
1 5

<210> 33193
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33193
Cys Lys Cys Pro Ser Cys Pro Leu Leu Phe
1 5 10

<210> 33194
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33194
Leu Leu Asp Leu Ala Gln Ile Asn Leu
1 5

<210> 33195
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33195
Asp Leu Ala Gln Ile Asn Leu Tyr Arg
1 5

<210> 33196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33196
Leu Asp Leu Ala Gln Ile Asn Leu Tyr
1 5

<210> 33197
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33197

Ala Gln Ile Asn Leu Tyr Arg Asp Val
1 5

<210> 33198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33198
Gln Ile Asn Leu Tyr Arg Asp Val Met
1 5

<210> 33199
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33199
Trp Ala Leu Leu Asp Leu Ala Gln Ile
1 5

<210> 33200
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33200
Leu Leu Asp Leu Ala Gln Ile Asn Leu Tyr
1 5 10

<210> 33201
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33201
Ala Leu Leu Asp Leu Ala Gln Ile Asn Leu
1 5 10

<210> 33202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33202
Ala Gln Ile Asn Leu Tyr Arg Asp Val Met
1 5 10

<210> 33203
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33203
Ser Ser Ser Leu Ile His His Gln Ile
1 5

<210> 33204
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33204
Ser Ser Leu Ile His His Gln Ile Ile
1 5

<210> 33205
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33205
Ser Leu Ile His His Gln Ile Ile His Thr
1 5 10

<210> 33206
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33206
Gln Ser Ser Ser Leu Ile His His Gln Ile
1 5 10

<210> 33207
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33207
Ser Leu Arg Lys His Glu Ile Ile His
1 5

<210> 33208
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33208
Arg Ser Ser Ser Leu Arg Lys His Glu Ile
1 5 10

<210> 33209
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33209
Glu Ile Ile His Thr Gly Glu Arg Pro Tyr
1 5 10

<210> 33210
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33210
Lys Ala Phe Arg Cys Ala Ser Asn Leu
1 5

<210> 33211
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33211
Phe Arg Cys Ala Ser Asn Leu Gln Met
1 5

<210> 33212
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33212
Cys Ala Ser Asn Leu Gln Met His Glu Arg
1 5 10

<210> 33213
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33213
Ala Phe Arg Cys Ala Ser Asn Leu Gln Met
1 5 10

<210> 33214
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33214
Gly Lys Ala Phe Arg Cys Ala Ser Asn Leu

1 5 10

<210> 33215
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33215
Ala Ser His Leu Gln Met His Glu Arg
1 5

<210> 33216
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33216
Ala Phe Arg Ser Ala Ser His Leu Gln
1 5

<210> 33217
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33217
Arg Ser Ala Ser His Leu Gln Met His
1 5

<210> 33218
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33218
Phe Arg Ser Ala Ser His Leu Gln Met
1 5

<210> 33219

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33219
Ser Ala Ser His Leu Gln Met His Glu Arg
1 5 10

<210> 33220
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33220
Ala Phe Arg Ser Ala Ser His Leu Gln Met
1 5 10

<210> 33221
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33221
Ala Ser Asn Leu Arg Met His Glu Arg
1 5

<210> 33222
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33222
Ala Phe Arg Ser Ala Ser Asn Leu Arg
1 5

<210> 33223
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33223
Phe Arg Ser Ala Ser Asn Leu Arg Met
1 5

<210> 33224
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33224
Lys Ala Phe Arg Ser Ala Ser Asn Leu Arg
1 5 10

<210> 33225
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33225
Ser Ala Ser Asn Leu Arg Met His Glu Arg
1 5 10

<210> 33226
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33226
Ala Phe Arg Ser Ala Ser Asn Leu Arg Met
1 5 10

<210> 33227
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33227
Ala Phe Ser Leu Ser Ser Asn Leu Arg
1 5

<210> 33228
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33228
Lys Ala Phe Ser Leu Ser Ser Asn Leu Arg
1 5 10

<210> 33229
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33229
Gln Gln Lys Asn Gln Ser Gln Gln Lys
1 5

<210> 33230
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33230
Lys Asn Gln Ser Gln Gln Lys Asn Ala Lys
1 5 10

<210> 33231
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33231
Arg Met His Glu Ile Ile His Thr Gly
1 5

<210> 33232
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33232
Ser Phe Arg Met His Glu Ile Ile His
1 5

<210> 33233
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33233
Ser Ser Phe Arg Met His Glu Ile Ile
1 5

<210> 33234
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33234
Ser Phe Arg Met His Glu Ile Ile His Thr
1 5 10

<210> 33235
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33235
Cys Ser Ser Ser Phe Arg Met His Glu Ile
1 5 10

<210> 33236
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33236
Ser Ser Phe Arg Met His Glu Ile Ile His
1 5 10

<210> 33237
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33237
Tyr Leu Cys Gly Glu Cys Gly Lys Ala
1 5

<210> 33238
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33238
Leu Cys Gly Glu Cys Gly Lys Ala Phe
1 5

<210> 33239
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33239
Tyr Leu Cys Gly Glu Cys Gly Lys Ala Phe
1 5 10

<210> 33240
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33240
Gly Glu Lys Pro Tyr Leu Cys Gly Glu Cys
1 5 10

<210> 33241
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33241
Arg Gln Gln Asn Glu Leu Lys Asn Ile
1 5

<210> 33242
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33242
Leu Thr Lys His Lys Arg Ile Leu Thr
1 5

<210> 33243
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33243
Ser Leu Thr Lys His Lys Arg Ile Leu
1 5

<210> 33244
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33244
Lys His Lys Arg Ile Leu Thr Gly Glu Lys
1 5 10

<210> 33245
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33245
Tyr Glu Cys Ile Glu Cys Glu Lys Thr Phe
1 5 10

<210> 33246
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33246
Arg Ser Asn Glu Cys Arg Lys Thr Phe
1 5

<210> 33247
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33247
Lys Pro Phe Arg Ser Asn Glu Cys Arg Lys
1 5 10

<210> 33248
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33248
Arg Ser Asn Glu Cys Arg Lys Thr Phe Ser
1 5 10

<210> 33249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33249
Phe Arg Ser Asn Glu Cys Arg Lys Thr Phe
1 5 10

<210> 33250
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33250
Lys Pro Tyr Ala Cys Asn Cys Cys Glu Lys
1 5 10

<210> 33251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33251
Tyr Ala Cys Asn Cys Cys Glu Lys Leu Phe
1 5 10

<210> 33252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33252
Arg Val Phe Pro His Gln Val Gly Leu
1 5

<210> 33253
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33253
Gly Leu Pro His Ser Trp Leu Pro Leu
1 5

<210> 33254
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33254
Arg Leu Thr Phe Pro Ser Thr Arg Val
1 5

<210> 33255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33255
Ser Val Ala Asn Gly Leu Cys Leu Arg
1 5

<210> 33256
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33256
Ser Ala Phe Cys Ile Cys Ser Ser Arg
1 5

<210> 33257
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33257
His Ser Trp Leu Pro Leu Glu Ser Arg
1 5

<210> 33258
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33258
Ser Trp Leu Pro Leu Glu Ser Arg Leu
1 5

<210> 33259
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33259
Gly Ser Arg Pro Arg Cys Pro Ala Cys
1 5

<210> 33260
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33260
Ser Gly Arg Arg Ser Ser Ala Phe Cys
1 5

<210> 33261
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33261

Gly Ala Arg Gln Arg Arg Gly Ala Arg
1 5

<210> 33262
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33262
Ala Phe Cys Ile Cys Ser Ser Arg Arg
1 5

<210> 33263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33263
Gln Thr Gln Gly Ala Arg Gln Arg Arg
1 5

<210> 33264
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33264
Phe Thr Gln Pro His Cys Gln Gly Arg
1 5

<210> 33265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33265
Arg Pro Arg Cys Pro Ala Cys Ser Gly
1 5

<210> 33266
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33266
Gln Pro His Cys Gln Gly Arg Val Phe
1 5

<210> 33267
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33267
Phe Pro His Gln Val Gly Leu Pro His
1 5

<210> 33268
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33268
Leu Pro Leu Glu Ser Arg Leu Thr Phe
1 5

<210> 33269
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33269
Cys Ser Gly Arg Arg Ser Ser Ala Phe
1 5

<210> 33270
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33270
Lys Ser Val Ala Asn Gly Leu Cys Leu
1 5

<210> 33271
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33271
Leu Arg Leu Glu Ala Ser Ala Gln Leu
1 5

<210> 33272
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33272
His Gln Gly Lys Pro Gly Ala Ala Ser
1 5

<210> 33273
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33273
Arg Arg Gly Ala Arg Asp Thr Gly Phe
1 5

<210> 33274
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33274
His Gln Val Gly Leu Pro His Ser Trp
1 5

<210> 33275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33275
Thr Glu Ala Ser Pro Pro Gln Gly Ile
1 5

<210> 33276
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33276
Leu Glu Ser Arg Leu Thr Phe Pro Ser
1 5

<210> 33277
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33277
Ser Val Ala Asn Gly Leu Cys Leu Arg Leu
1 5 10

<210> 33278
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33278
Gly Leu Cys Leu Arg Leu Glu Ala Ser Ala

1 5 10

<210> 33279
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33279
Cys Leu Arg Leu Glu Ala Ser Ala Gln Leu
1 5 10

<210> 33280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33280
Phe Thr Gln Pro His Cys Gln Gly Arg Val
1 5 10

<210> 33281
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33281
Lys Ser Val Ala Asn Gly Leu Cys Leu Arg
1 5 10

<210> 33282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33282
Ser Ser Ala Phe Cys Ile Cys Ser Ser Arg
1 5 10

<210> 33283

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33283
Ser Ala Phe Cys Ile Cys Ser Ser Arg Arg
1 5 10

<210> 33284
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33284
Trp Leu Pro Leu Glu Ser Arg Leu Thr Phe
1 5 10

<210> 33285
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33285
Ser Ser Gly Ser Arg Pro Arg Cys Pro Ala
1 5 10

<210> 33286
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33286
Gly Ser Arg Pro Arg Cys Pro Ala Cys Ser
1 5 10

<210> 33287
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33287
Arg Pro Arg Cys Pro Ala Cys Ser Gly Arg
1 5 10

<210> 33288
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33288
Ser Gly Arg Arg Ser Ser Ala Phe Cys Ile
1 5 10

<210> 33289
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33289
Ser Ser Arg Arg Ala Gln Thr Gln Gly Ala
1 5 10

<210> 33290
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33290
Arg Ala Gln Thr Gln Gly Ala Arg Gln Arg
1 5 10

<210> 33291
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33291
Arg Val Phe Pro His Gln Val Gly Leu Pro
1 5 10

<210> 33292
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33292
Glu Ala Ser Ala Gln Leu Cys Gln Gly Arg
1 5 10

<210> 33293
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33293
Thr Leu Gln Glu Pro Ser Ser Gly Ser Arg
1 5 10

<210> 33294
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33294
Glu Ser Arg Leu Thr Phe Pro Ser Thr Arg
1 5 10

<210> 33295
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33295
Glu Ala Ser Pro Pro Gln Gly Ile Thr Leu
1 5 10

<210> 33296
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33296
Ser Lys Ser Val Ala Asn Gly Leu Cys Leu
1 5 10

<210> 33297
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33297
His Gln Gly Lys Pro Gly Ala Ala Ser Pro
1 5 10

<210> 33298
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33298
Ala Cys Ser Gly Arg Arg Ser Ser Ala Phe
1 5 10

<210> 33299
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33299
Arg Gln Arg Arg Gly Ala Arg Asp Thr Gly
1 5 10

<210> 33300
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33300
Gln Arg Arg Gly Ala Arg Asp Thr Gly Phe
1 5 10

<210> 33301
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33301
Thr Gln Pro His Cys Gln Gly Arg Val Phe
1 5 10

<210> 33302
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33302
Gly Arg Val Phe Pro His Gln Val Gly Leu
1 5 10

<210> 33303
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33303
His Gln Val Gly Leu Pro His Ser Trp Leu
1 5 10

<210> 33304
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33304
Val Gly Leu Pro His Ser Trp Leu Pro Leu
1 5 10

<210> 33305
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33305
His Ser Trp Leu Pro Leu Glu Ser Arg Leu
1 5 10

<210> 33306
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33306
Leu Glu Ser Arg Leu Thr Phe Pro Ser Thr
1 5 10

<210> 33307
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33307
Lys Val Phe Asn Leu Lys Arg Tyr Val
1 5

<210> 33308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33308
Phe Asn Leu Lys Arg Tyr Val Ala Arg
1 5

<210> 33309
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33309
Gly Lys Val Phe Asn Leu Lys Arg Tyr
1 5

<210> 33310
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33310
Lys Val Phe Asn Leu Lys Arg Tyr Val Ala
1 5 10

<210> 33311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33311
Cys Gly Lys Val Phe Asn Leu Lys Arg Tyr
1 5 10

<210> 33312
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33312
Asp Ile Cys Gly Lys Val Phe Asn Leu Lys
1 5 10

<210> 33313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33313
Val Phe Asn Leu Lys Arg Tyr Val Ala Arg
1 5 10

<210> 33314
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33314
Asn Leu Lys Arg Tyr Val Ala Arg His Arg
1 5 10

<210> 33315
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33315
Phe Ile Thr His Gln Gln Ile His Leu
1 5

<210> 33316
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33316
Gln Ile His Leu Gly Asp Arg Pro Tyr
1 5

<210> 33317
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33317
Ser His Phe Ile Thr His Gln Gln Ile
1 5

<210> 33318
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33318
Ser Ser His Phe Ile Thr His Gln Gln Ile
1 5 10

<210> 33319
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33319
Gln Gln Ile His Leu Gly Asp Arg Pro Tyr
1 5 10

<210> 33320
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33320
Gln Ile His Leu Gly Asp Arg Pro Tyr Arg
1 5 10

<210> 33321
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33321
Ser His Phe Ile Thr His Gln Gln Ile His
1 5 10

<210> 33322
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33322
His Ser Gln Ile His Thr Gly Asp Lys
1 5

<210> 33323
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33323
Gln Ile His Thr Gly Asp Lys Pro Phe
1 5

<210> 33324
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33324
Cys Gln Leu Ile Glu His Ser Gln Ile
1 5

<210> 33325
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33325

Gln Leu Ile Glu His Ser Gln Ile His
1 5

<210> 33326
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33326
Gln Leu Ile Glu His Ser Gln Ile His Thr
1 5 10

<210> 33327
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33327
Ser Gln Ile His Thr Gly Asp Lys Pro Phe
1 5 10

<210> 33328
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33328
Cys Gln Leu Ile Glu His Ser Gln Ile His
1 5 10

<210> 33329
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33329
Asn Glu Cys Trp Lys Ser Phe Ser His
1 5

<210> 33330
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33330
Lys Pro Phe Glu Cys Asn Glu Cys Trp
1 5

<210> 33331
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33331
Cys Trp Lys Ser Phe Ser His Met Ser Gly
1 5 10

<210> 33332
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33332
Phe Glu Cys Asn Glu Cys Trp Lys Ser Phe
1 5 10

<210> 33333
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33333
Asn Glu Cys Trp Lys Ser Phe Ser His Met
1 5 10

<210> 33334
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33334
Trp Lys Ser Phe Ser His Met Ser Gly Leu
1 5 10

<210> 33335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33335
Ser Ala Phe Gln Gly Leu Ser Leu Met
1 5

<210> 33336
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33336
Lys Cys Asp Ile Ala Gly Ser Ala Phe
1 5

<210> 33337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33337
Ile Ala Gly Ser Ala Phe Gln Gly Leu
1 5

<210> 33338
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33338
Gly Ser Ala Phe Gln Gly Leu Ser Leu
1 5

<210> 33339
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33339
Phe Gln Gly Leu Ser Leu Met Ala Pro
1 5

<210> 33340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33340
Asp Ile Ala Gly Ser Ala Phe Gln Gly Leu
1 5 10

<210> 33341
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33341
Cys Lys Cys Asp Ile Ala Gly Ser Ala Phe
1 5 10

<210> 33342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33342
Ala Gly Ser Ala Phe Gln Gly Leu Ser Leu

1 5 10

<210> 33343
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33343
Gly Ser Ala Phe Gln Gly Leu Ser Leu Met
1 5 10

<210> 33344
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33344
Ser Ala Phe Gln Gly Leu Ser Leu Met Ala
1 5 10

<210> 33345
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33345
Phe Gln Gly Leu Ser Leu Met Ala Pro His
1 5 10

<210> 33346
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33346
Lys Gly Lys Ser Tyr Asn Phe Asn Thr
1 5

<210> 33347

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33347
Lys Ser Tyr Asn Phe Asn Thr Phe Gly
1 5

<210> 33348
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33348
Gly Lys Ser Tyr Asn Phe Asn Thr Phe
1 5

<210> 33349
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33349
Phe Asn Thr Phe Gly Glu Asn Lys Tyr
1 5

<210> 33350
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33350
Asn Thr Phe Gly Glu Asn Lys Tyr Asp Lys
1 5 10

<210> 33351
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33351
Lys Gly Lys Ser Tyr Asn Phe Asn Thr Phe
1 5 10

<210> 33352
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33352
Lys Gln Phe Gly Lys Thr Phe Ser Tyr
1 5

<210> 33353
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33353
Arg Asn Thr Arg Lys Gln Phe Gly Lys
1 5

<210> 33354
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33354
Thr Arg Lys Gln Phe Gly Lys Thr Phe
1 5

<210> 33355
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33355
Lys Arg Asn Thr Arg Lys Gln Phe Gly Lys
1 5 10

<210> 33356
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33356
Arg Lys Gln Phe Gly Lys Thr Phe Ser Tyr
1 5 10

<210> 33357
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33357
Lys Gln Phe Gly Lys Thr Phe Ser Tyr Cys
1 5 10

<210> 33358
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33358
Gly Lys Thr Phe Ser Tyr Cys His Ser Phe
1 5 10

<210> 33359
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33359
Lys Gln Phe Trp Lys Ala Phe Ser Tyr
1 5

<210> 33360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33360
Lys Ala Phe Ser Tyr Cys His Ser Phe
1 5

<210> 33361
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33361
Asn Thr Arg Lys Gln Phe Trp Lys Ala
1 5

<210> 33362
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33362
Thr Arg Lys Gln Phe Trp Lys Ala Phe
1 5

<210> 33363
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33363
Lys Ala Phe Ser Tyr Cys His Ser Phe Gln
1 5 10

<210> 33364
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33364
Arg Lys Gln Phe Trp Lys Ala Phe Ser Tyr
1 5 10

<210> 33365
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33365
Asn Thr Arg Lys Gln Phe Trp Lys Ala Phe
1 5 10

<210> 33366
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33366
Trp Lys Ala Phe Ser Tyr Cys His Ser Phe
1 5 10

<210> 33367
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33367
Lys Gln Phe Trp Lys Ala Phe Ser Tyr Cys
1 5 10

<210> 33368
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33368
Lys Pro Tyr Lys Cys Lys Arg Gly Lys
1 5

<210> 33369
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33369
Lys Cys Lys Arg Gly Lys Ala Phe Ile
1 5

<210> 33370
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33370
Arg Gly Lys Ala Phe Ile Asp Phe Tyr
1 5

<210> 33371
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33371
Tyr Lys Cys Lys Arg Gly Lys Ala Phe
1 5

<210> 33372
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33372
Lys Arg Gly Lys Ala Phe Ile Asp Phe
1 5

<210> 33373
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33373
Arg Gly Lys Ala Phe Ile Asp Phe Tyr Ser
1 5 10

<210> 33374
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33374
Lys Arg Gly Lys Ala Phe Ile Asp Phe Tyr
1 5 10

<210> 33375
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33375
Lys Pro Tyr Lys Cys Lys Arg Gly Lys Ala
1 5 10

<210> 33376
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33376
Cys Lys Arg Gly Lys Ala Phe Ile Asp Phe
1 5 10

<210> 33377
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33377
Lys Leu Ile Pro Cys Ser Ser His Leu
1 5

<210> 33378
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33378
Ile Pro Cys Ser Ser His Leu Glu Phe
1 5

<210> 33379
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33379
His Lys Leu Ile Pro Cys Ser Ser His
1 5

<210> 33380
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33380
Leu Ile Pro Cys Ser Ser His Leu Glu Phe
1 5 10

<210> 33381
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33381
His Lys Leu Ile Pro Cys Ser Ser His Leu
1 5 10

<210> 33382
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33382
His Gln Arg Val His Thr Glu Lys Arg
1 5

<210> 33383
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33383
Arg Val His Thr Glu Lys Arg Pro Tyr
1 5

<210> 33384
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33384
Arg Val His Thr Glu Lys Arg Pro Tyr Glu
1 5 10

<210> 33385
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33385
Gln Arg Val His Thr Glu Lys Arg Pro Tyr
1 5 10

<210> 33386
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33386
Arg Val His Thr Gly Lys Arg His Tyr
1 5

<210> 33387
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33387
Arg Val His Thr Gly Lys Arg His Tyr Glu
1 5 10

<210> 33388
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33388
His Gln Arg Val His Thr Gly Lys Arg His
1 5 10

<210> 33389
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33389

Gln Arg Val His Thr Gly Lys Arg His Tyr
1 5 10

<210> 33390
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33390
Arg Val His Thr Gly Lys Arg Pro His
1 5

<210> 33391
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33391
Arg Val His Thr Gly Lys Arg Pro His Glu
1 5 10

<210> 33392
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33392
Trp Leu Thr Cys Leu Leu Arg His Glu Ile
1 5 10

<210> 33393
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33393
Ala Leu His Thr Gln Pro Cys Ala Ala
1 5

<210> 33394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33394
His Gly Ala Ser Arg Gly Pro Pro Ala
1 5

<210> 33395
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33395
Ala Ser Arg Gly Pro Pro Ala Pro Arg
1 5

<210> 33396
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33396
Arg Ala Leu His Thr Gln Pro Cys Ala
1 5

<210> 33397
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33397
Asp Gly Gln Pro Arg Trp Gly Gln Arg
1 5

<210> 33398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33398
Gln Pro Arg Trp Gly Gln Arg Ala Leu
1 5

<210> 33399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33399
Ala Leu His Thr Gln Pro Cys Ala Ala Ala
1 5 10

<210> 33400
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33400
Arg Ala Leu His Thr Gln Pro Cys Ala Ala
1 5 10

<210> 33401
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33401
Val Pro Glu Gly Pro Ala His Pro Thr Val
1 5 10

<210> 33402
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33402
Gly Gln Pro Arg Trp Gly Gln Arg Ala Leu
1 5 10

<210> 33403
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33403
Gly Gln Arg Ala Leu His Thr Gln Pro Cys
1 5 10

<210> 33404
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33404
Arg Pro Ala Ser Asp Gly Gln Pro Arg Trp
1 5 10

<210> 33405
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33405
Arg Leu Lys Met Phe Ser Lys Glu Lys
1 5

<210> 33406
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33406
Met Phe Ser Lys Glu Lys Trp Gln Val

1 5

<210> 33407
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33407
Gln Arg Arg Leu Lys Met Phe Ser Lys
1 5

<210> 33408
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33408
Phe Ser Lys Glu Lys Trp Gln Val Tyr
1 5

<210> 33409
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33409
Leu Lys Met Phe Ser Lys Glu Lys Trp
1 5

<210> 33410
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33410
Lys Met Phe Ser Lys Glu Lys Trp Gln Val
1 5 10

<210> 33411

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33411
Gly Gln Arg Arg Leu Lys Met Phe Ser Lys
1 5 10

<210> 33412
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33412
Arg Arg Leu Lys Met Phe Ser Lys Glu Lys
1 5 10

<210> 33413
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33413
Met Phe Ser Lys Glu Lys Trp Gln Val Tyr
1 5 10

<210> 33414
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33414
Arg Leu Lys Met Phe Ser Lys Glu Lys Trp
1 5 10

<210> 33415
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33415
Arg Leu Pro Gln Ala Asp Thr Pro Leu
1 5

<210> 33416
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33416
Pro Gln Ala Asp Thr Pro Leu Pro Leu
1 5

<210> 33417
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33417
Leu Pro Gln Ala Asp Thr Pro Leu Pro Leu
1 5 10

<210> 33418
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33418
Leu Arg Leu Pro Gln Ala Asp Thr Pro Leu
1 5 10

<210> 33419
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33419
Arg Glu Met Asp Lys Gln Thr Val Lys
1 5

<210> 33420
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33420
Gln Thr Val Lys Asp Ile Ser Pro Ser Ala
1 5 10

<210> 33421
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33421
Tyr Ser Gly Asn Leu Ser Asn His Lys
1 5

<210> 33422
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33422
Phe Asn Tyr Ser Gly Asn Leu Ser Asn His
1 5 10

<210> 33423
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33423
Arg Ile His Thr Gly Gln Gln Pro Tyr
1 5

<210> 33424
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33424
Gly Gln Gln Pro Tyr Lys Cys Asn Val
1 5

<210> 33425
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33425
Arg Ile His Thr Gly Gln Gln Pro Tyr Lys
1 5 10

<210> 33426
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33426
Leu Arg Ile His Thr Gly Gln Gln Pro Tyr
1 5 10

<210> 33427
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33427
Lys Ile Ile His Thr Gly Glu Lys Pro Phe
1 5 10

<210> 33428
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33428
Lys Leu Val Tyr His Gln Ile Asn His
1 5

<210> 33429
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33429
His Gln Ile Asn His Thr Gly Glu Lys
1 5

<210> 33430
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33430
Arg Ser Lys Leu Val Tyr His Gln Ile
1 5

<210> 33431
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33431
Ile Asn His Thr Gly Glu Lys Pro Tyr
1 5

<210> 33432
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33432
Lys Leu Val Tyr His Gln Ile Asn His Thr
1 5 10

<210> 33433
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33433
Arg Ser Lys Leu Val Tyr His Gln Ile Asn
1 5 10

<210> 33434
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33434
Ile Asn His Thr Gly Glu Lys Pro Tyr Lys
1 5 10

<210> 33435
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33435
Gln Ile Asn His Thr Gly Glu Lys Pro Tyr
1 5 10

<210> 33436
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33436
Thr Thr Thr Leu Ala Arg His Arg Ile
1 5

<210> 33437
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33437
Phe Ser Gln Ile Ser Ser Leu Val Tyr
1 5

<210> 33438
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33438
Lys Thr Phe Ser Gln Ile Ser Ser Leu
1 5

<210> 33439
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33439
Gln Ile Ser Ser Leu Val Tyr His Arg
1 5

<210> 33440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33440
Ile Ser Ser Leu Val Tyr His Arg Arg
1 5

<210> 33441
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33441
Thr Phe Ser Gln Ile Ser Ser Leu Val
1 5

<210> 33442
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33442
Ser Gln Ile Ser Ser Leu Val Tyr His
1 5

<210> 33443
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33443
Lys Thr Phe Ser Gln Ile Ser Ser Leu Val
1 5 10

<210> 33444
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33444
Ser Gln Ile Ser Ser Leu Val Tyr His Arg
1 5 10

<210> 33445
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33445
Gln Ile Ser Ser Leu Val Tyr His Arg Arg
1 5 10

<210> 33446
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33446
Thr Phe Ser Gln Ile Ser Ser Leu Val Tyr
1 5 10

<210> 33447
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33447
Gly Lys Thr Phe Ser Gln Ile Ser Ser Leu
1 5 10

<210> 33448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33448
Lys Thr Phe His His Asn Ser Val Leu
1 5

<210> 33449
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33449
Gly Lys Thr Phe His His Asn Ser Val
1 5

<210> 33450
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33450
Phe His His Asn Ser Val Leu Val Ile
1 5

<210> 33451
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33451
Lys Thr Phe His His Asn Ser Val Leu Val
1 5 10

<210> 33452
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33452
Thr Phe His His Asn Ser Val Leu Val Ile
1 5 10

<210> 33453
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33453

Cys Gly Lys Thr Phe His His Asn Ser Val
1 5 10

<210> 33454
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33454
His His Asn Ser Val Leu Val Ile His Lys
1 5 10

<210> 33455
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33455
Gly Lys Thr Phe His His Asn Ser Val Leu
1 5 10

<210> 33456
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33456
Phe His His Asn Ser Val Leu Val Ile His
1 5 10

<210> 33457
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33457
His His Arg Met His Thr Gly Glu Arg
1 5

<210> 33458
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33458
His Arg Met His Thr Gly Glu Arg Pro Tyr
1 5 10

<210> 33459
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33459
Glu Glu Ala Asp Val Thr Val Gly Ala
1 5

<210> 33460
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33460
Glu Glu Ala Asp Val Thr Val Gly Ala Thr
1 5 10

<210> 33461
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33461
Thr Glu Glu Ala Asp Val Thr Val Gly Ala
1 5 10

<210> 33462
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33462
Ile Val Lys Cys Leu Gln Leu Lys Tyr
1 5

<210> 33463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33463
Cys Leu Gln Leu Lys Tyr Ala Ile Tyr
1 5

<210> 33464
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33464
Glu Glu Ile Val Lys Cys Leu Gln Leu
1 5

<210> 33465
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33465
Cys Leu Gln Leu Lys Tyr Ala Ile Tyr Ala
1 5 10

<210> 33466
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33466
Ile Val Lys Cys Leu Gln Leu Lys Tyr Ala
1 5 10

<210> 33467
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33467
Lys Cys Leu Gln Leu Lys Tyr Ala Ile Tyr
1 5 10

<210> 33468
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33468
Val Glu Glu Ile Val Lys Cys Leu Gln Leu
1 5 10

<210> 33469
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33469
Trp Ser Trp Gly Asp Pro Gly Thr Phe
1 5

<210> 33470
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33470
Leu Ala Ser Pro Gln Pro Gly Pro Trp

1 5

<210> 33471
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33471
Ser Pro Gln Pro Gly Pro Trp Ser Trp
1 5

<210> 33472
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33472
Gly Glu Leu Ala Ser Pro Gln Pro Gly
1 5

<210> 33473
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33473
Lys Asn Tyr Ser Lys Leu Val Ala Ala
1 5

<210> 33474
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33474
Leu Ile Leu Glu Glu Phe Lys Asn Tyr
1 5

<210> 33475

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33475
Phe Lys Asn Tyr Ser Lys Leu Val Ala
1 5

<210> 33476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33476
Glu Glu Phe Lys Asn Tyr Ser Lys Leu
1 5

<210> 33477
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33477
Ile Leu Glu Glu Phe Lys Asn Tyr Ser Lys
1 5 10

<210> 33478
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33478
Tyr Ser Lys Leu Val Ala Ala Ala Glu Lys
1 5 10

<210> 33479
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33479
Lys Asn Tyr Ser Lys Leu Val Ala Ala Ala
1 5 10

<210> 33480
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33480
Lys Leu Ile Leu Glu Glu Phe Lys Asn Tyr
1 5 10

<210> 33481
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33481
Phe Lys Asn Tyr Ser Lys Leu Val Ala Ala
1 5 10

<210> 33482
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33482
Leu Glu Glu Phe Lys Asn Tyr Ser Lys Leu
1 5 10

<210> 33483
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33483
Glu Glu Phe Lys Asn Tyr Ser Lys Leu Val
1 5 10

<210> 33484
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33484
Gly Ser Thr Cys Ile Thr Asn Thr Lys
1 5

<210> 33485
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33485
Thr Lys Gly Trp Val Gly His Pro Leu
1 5

<210> 33486
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33486
Lys Gly Ser Thr Cys Ile Thr Asn Thr Lys
1 5 10

<210> 33487
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33487
Asn Thr Lys Gly Trp Val Gly His Pro Leu
1 5 10

<210> 33488
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33488
Arg Thr Gln Lys Lys Ser Tyr Pro Ile
1 5

<210> 33489
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33489
Thr Gln Lys Lys Ser Tyr Pro Ile Lys
1 5

<210> 33490
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33490
Met Phe Arg Thr Gln Lys Lys Ser Tyr
1 5

<210> 33491
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33491
Arg Thr Gln Lys Lys Ser Tyr Pro Ile Lys
1 5 10

<210> 33492
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33492
Glu Met Phe Arg Thr Gln Lys Lys Ser Tyr
1 5 10

<210> 33493
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33493
Phe Arg Thr Gln Lys Lys Ser Tyr Pro Ile
1 5 10

<210> 33494
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33494
Gly Pro His Gln Asp Trp Ala Ala Ala
1 5

<210> 33495
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33495
Trp Ala Ala Ala Ser Gly Thr Thr Pro Gly
1 5 10

<210> 33496
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33496
Met Ala Ala Ser Gln Ser Thr Arg Val
1 5

<210> 33497
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33497
Ala Ser Gln Ser Thr Arg Val Thr Arg
1 5

<210> 33498
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33498
Ser Gln Ser Thr Arg Val Thr Arg Ser Thr
1 5 10

<210> 33499
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33499
Lys Gln Ala Cys Arg Cys Leu Ile Leu
1 5

<210> 33500
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33500
Gly Thr Lys Gln Ala Cys Arg Cys Leu Ile
1 5 10

<210> 33501
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33501
Asp Phe Gln Gly Thr Lys Gln Ala Cys Arg
1 5 10

<210> 33502
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33502
Thr Lys Gln Ala Cys Arg Cys Leu Ile Leu
1 5 10

<210> 33503
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33503
Val Thr Ala Ala Ser Thr Ser Tyr Tyr
1 5

<210> 33504
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33504
Lys Leu Val Val Val Gly Ala Asp Gly Val
1 5 10

<210> 33505
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33505
Lys Leu Val Val Val Gly Ala Val Gly Val
1 5 10

<210> 33506
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33506
Val Val Gly Ala Val Gly Val Gly Lys
1 5

<210> 33507
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33507
Lys Leu Val Val Val Gly Ala Cys Gly Val
1 5 10

<210> 33508
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33508
Val Val Gly Ala Cys Gly Val Gly Lys
1 5

<210> 33509
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33509
Val Val Val Gly Ala Val Gly Val Gly Lys
1 5 10

<210> 33510
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33510
Gly Met Asn Trp Arg Pro Ile Leu Thr Ile
1 5 10

<210> 33511
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33511
Ala Ile Ser Thr Arg Asp Pro Leu Ser Lys
1 5 10

<210> 33512
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33512
Lys Leu Ser Asp Ser Arg Thr Ala Leu
1 5

<210> 33513
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33513
Lys Ile Met Phe Ala Thr Leu Gln Arg
1 5

<210> 33514
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33514
Val Val Gly Ala Asp Gly Val Gly Lys
1 5

<210> 33515
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33515
Ile Leu Asp Thr Ala Gly Arg Glu Glu Tyr
1 5 10

<210> 33516
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33516
Ile Leu Asp Thr Ala Gly Lys Glu Glu Tyr
1 5 10

<210> 33517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33517

Met Leu Thr Gly Pro Pro Ala Arg Val
1 5

<210> 33518
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33518
Ala Ala Ala Ala Val Ile Pro Thr Val
1 5

<210> 33519
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33519
Ala Ala Ala Ala Ala Val Ile Pro Thr Val
1 5 10

<210> 33520
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33520
Tyr Met Phe Leu Lys Ala Glu Ser Lys
1 5

<210> 33521
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33521
Ser Met Leu Thr Gly Pro Pro Ala Arg Val
1 5 10

<210> 33522
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33522
Tyr Met Phe Leu Lys Ala Glu Ser Lys Ile
1 5 10

<210> 33523
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33523
Thr Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5 10

<210> 33524
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33524
Leu Val Ser Glu Met Lys Met Phe Val
1 5

<210> 33525
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33525
Phe Met Lys Gln Met Asn Asp Ala Arg
1 5

<210> 33526
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33526
Leu Leu Asp Ile Leu Asp Thr Ala Gly Leu
1 5 10

<210> 33527
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33527
Phe Ala Thr Leu Gln Arg Ser Ser Leu
1 5

<210> 33528
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33528
His Leu Val Ser Glu Met Lys Met Phe Val
1 5 10

<210> 33529
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33529
Ala Leu Ser Ala Ser Asn Ser Cys Phe Ile
1 5 10

<210> 33530
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33530
Phe Gln Asn Gly Lys Met Ala Leu Ser Ala
1 5 10

<210> 33531
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33531
Ala Val Thr Ala Ala Ser Thr Ser Tyr
1 5

<210> 33532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33532
Val Val Gly Ala Arg Gly Val Gly Lys
1 5

<210> 33533
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33533
Ser Glu Ile Thr Lys Gln Glu Lys Asp Phe
1 5 10

<210> 33534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33534
Leu Leu Thr Ser Asn Ser Cys Phe Ile

1 5

<210> 33535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33535
Ala Leu Leu Thr Ser Asn Ser Cys Phe Ile
1 5 10

<210> 33536
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33536
Arg Thr Ala Leu Lys Ser Gly Tyr Gly Lys
1 5 10

<210> 33537
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33537
Phe Gln Asn Gly Lys Met Pro Leu Leu
1 5

<210> 33538
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33538
Phe Met Lys Gln Met Asn Asp Ala Leu
1 5

<210> 33539

<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33539
Ile Leu Asp Thr Ala Gly Leu Glu Glu Tyr
1 5 10

<210> 33540
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33540
Ile Thr Leu Lys Ser Gly Tyr Gly Lys
1 5

<210> 33541
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33541
Val Ser Ala Pro Lys Pro Leu Ser Lys
1 5

<210> 33542
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33542
Phe Leu Lys Ala Glu Ser Lys Ile Met
1 5

<210> 33543
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33543
Phe Gln Asn Gly Lys Met Pro Leu Leu Ala
1 5 10

<210> 33544
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33544
Tyr Phe Met Lys Gln Met Asn Asp Ala Arg
1 5 10

<210> 33545
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33545
Ala Ile Gln Pro Val Leu Trp Thr Thr
1 5

<210> 33546
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33546
Ala Val Thr Ala Ala Ser Thr Ser Tyr Tyr
1 5 10

<210> 33547
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33547
Lys Leu Ser Asp Ser Arg Thr Ala Leu Lys
1 5 10

<210> 33548
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33548
Lys Leu Ser Asp Ser Arg Ile Thr Leu
1 5

<210> 33549
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33549
Gly Val Ser Ala Pro Lys Pro Leu Ser Lys
1 5 10

<210> 33550
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33550
Val Val Val Pro Cys Glu Pro Pro Glu Val
1 5 10

<210> 33551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33551
Ser Ser Cys Met Gly Gly Met Asn Trp Arg
1 5 10

<210> 33552
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33552
Gly Ala Arg Gly Val Gly Lys Ser Ala Leu
1 5 10

<210> 33553
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33553
Thr Thr Asn Ala Phe Ser Gly Glu Tyr
1 5

<210> 33554
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33554
Gly Pro Pro Ala Arg Val Pro Ala Val
1 5

<210> 33555
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33555
Lys Pro Lys Arg Asp Gly Tyr Met Phe
1 5

<210> 33556
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33556
Lys Pro Lys Arg Asp Gly Tyr Met Phe Leu
1 5 10

<210> 33557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33557
Lys Leu Val Val Val Gly Ala Ala Gly Val
1 5 10

<210> 33558
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33558
Phe Val Gln Gly Lys Asp Trp Gly Leu
1 5

<210> 33559
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33559
Cys Ser Met Leu Thr Gly Pro Pro Ala Arg
1 5 10

<210> 33560
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33560
Ser Ile Arg Gln Ala Gly Gly Ile Ser Lys
1 5 10

<210> 33561
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33561
Glu Ile Ala Glu Val Leu Phe His Ile
1 5

<210> 33562
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33562
Ala Leu Gln Pro Leu Gln Pro His Ala
1 5

<210> 33563
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33563
Ser Ala Trp Asp Leu Glu Ile Ala Glu Val
1 5 10

<210> 33564
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33564
Leu Leu Ala Ser Asn Ser Cys Phe Val
1 5

<210> 33565
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33565
Lys Met Leu Thr Gln Thr Asp Ser Ala
1 5

<210> 33566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33566
Leu Leu Leu Leu Leu Leu Leu Leu Val
1 5

<210> 33567
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33567
Ser Ser Cys Met Gly Gly Met Asn Gln Arg
1 5 10

<210> 33568
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33568
Val Val Val Gly Ala Cys Gly Val Gly Lys
1 5 10

<210> 33569
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33569
Lys Ile Leu Cys Ala Thr Tyr Val Lys
1 5

<210> 33570
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33570
Lys Leu Ser Asp Ser Arg Ile Thr Leu Lys
1 5 10

<210> 33571
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33571
Arg Ile Thr Leu Lys Ser Gly Tyr Gly Lys
1 5 10

<210> 33572
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33572
Ala Val Pro Phe Asp Leu His Phe Cys Arg
1 5 10

<210> 33573
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33573
Ile Ser Thr Arg Asp Pro Leu Ser Lys
1 5

<210> 33574
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33574
Ser Ser Cys Met Gly Ser Met Asn Arg
1 5

<210> 33575
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33575
Ala Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5 10

<210> 33576
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33576
Trp Leu His Lys Arg Gly Lys Tyr Ile Lys
1 5 10

<210> 33577
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33577
Ile Leu Cys Ala Thr Tyr Val Lys Val
1 5

<210> 33578
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33578
Ala Leu Leu Ala Ser Asn Ser Cys Phe Val
1 5 10

<210> 33579
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33579
Ser Ala Ser Asn Ser Cys Phe Ile Arg
1 5

<210> 33580
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33580
Lys Ile Leu Cys Ala Thr Tyr Val Lys Val
1 5 10

<210> 33581
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33581

Glu Thr Phe His Leu Val Ser Glu Met
1 5

<210> 33582
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33582
Lys Val Asn Ile Arg Asp Ile Asp Lys
1 5

<210> 33583
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33583
Val Val Gly Ala Ala Gly Val Gly Lys
1 5

<210> 33584
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33584
Thr Leu Trp His Leu Gln Lys Glu Val
1 5

<210> 33585
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33585
Glu Ser Lys Ile Met Phe Ala Thr Leu
1 5

<210> 33586
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33586
Lys Pro Thr Arg Ala Ala Thr Val Ser Val
1 5 10

<210> 33587
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33587
Ala Thr Ala Pro Ser Leu Ser Gly Lys
1 5

<210> 33588
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33588
His Leu Gln Lys Glu Val Ala Leu Ser Val
1 5 10

<210> 33589
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33589
Ala Leu His Gly Gly Trp Thr Thr Lys
1 5

<210> 33590
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33590
Arg Leu Arg Gly Gly Met Gln Ile Phe Val
1 5 10

<210> 33591
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33591
Lys Met Arg Arg Pro Val Cys Tyr Lys
1 5

<210> 33592
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33592
Thr Thr Ile His Tyr Asn Tyr Met Tyr
1 5

<210> 33593
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33593
Ala Pro Lys Pro Leu Ser Lys Leu Leu
1 5

<210> 33594
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33594
Leu Thr Ser Asn Ser Cys Phe Ile Arg
1 5

<210> 33595
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33595
Thr Gln Leu Ala Arg Phe Phe Pro Ile
1 5

<210> 33596
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33596
Glu Thr Phe His Leu Val Ser Glu Met Lys
1 5 10

<210> 33597
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33597
Ala Arg His Gly Gly Trp Thr Thr Lys
1 5

<210> 33598
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33598
Ala Arg His Gly Gly Trp Thr Thr Lys Met

1 5 10

<210> 33599
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33599
Gln Pro Val Leu Trp Thr Thr Pro Pro Leu
1 5 10

<210> 33600
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33600
Met Pro Leu Leu Ala Ser Asn Ser Cys Phe
1 5 10

<210> 33601
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33601
Ile Ser Lys Ala Lys Leu Arg Ser Met
1 5

<210> 33602
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33602
Val Val Gly Ala Gly Arg Val Gly Lys
1 5

<210> 33603

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33603
Arg Leu Leu Thr Trp His Ala Ala Met
1 5

<210> 33604
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33604
Leu Val Val Val Gly Ala Asp Gly Val
1 5

<210> 33605
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33605
Lys Leu Val Val Val Gly Ala Ser Gly Val
1 5 10

<210> 33606
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33606
Arg Val Arg Val Met Ala Ile Tyr Lys
1 5

<210> 33607
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33607
Ile Glu Arg Glu Gly Pro Glu Tyr Trp
1 5

<210> 33608
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33608
Leu Gln Arg Ser Ser Leu Trp Cys Leu
1 5

<210> 33609
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33609
Ala Leu Gln Glu Lys Gln Ser Gln Glu Leu
1 5 10

<210> 33610
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33610
Lys Leu Ser Gly Trp Gly Asn Val Ser Lys
1 5 10

<210> 33611
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33611
Leu Ser Ala Ser Asn Ser Cys Phe Ile Arg
1 5 10

<210> 33612
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33612
Trp Leu His Lys Arg Gly Lys Tyr Ile
1 5

<210> 33613
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33613
Lys Leu Gly Gln Ile Ile Met Lys Lys
1 5

<210> 33614
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33614
Phe Ser Gly Glu Tyr Ile Pro Thr Val
1 5

<210> 33615
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33615
Ile Met Lys Pro Lys Arg Asp Gly Tyr
1 5

<210> 33616
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33616
Glu Glu Glu Ile Ala Thr Gly Gln Ala Phe
1 5 10

<210> 33617
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33617
Thr Val His Cys Met His Leu His Glu Lys
1 5 10

<210> 33618
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33618
Leu Thr Phe Phe Leu Leu Leu Leu Val
1 5

<210> 33619
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33619
Arg Val Leu Ala Met Ala Ile Tyr Lys
1 5

<210> 33620
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33620
Leu Val Val Val Gly Ala Val Gly Val
1 5

<210> 33621
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33621
His Met Ser Ser Leu Ser His Ile Ser Ala
1 5 10

<210> 33622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33622
Tyr Leu Asp Ser Gly Ile His Phe Gly
1 5

<210> 33623
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33623
Tyr Leu Asp Ser Gly Ile His Phe Gly Ala
1 5 10

<210> 33624
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33624
Tyr Leu Asp Ser Gly Ile His Cys Gly Ala
1 5 10

<210> 33625
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33625
Gly Leu Val Asp Glu Gln Gln Glu Val
1 5

<210> 33626
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33626
Val Val Val Gly Ala Arg Gly Val Gly Lys
1 5 10

<210> 33627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33627
Lys Ile Thr Asp Phe Gly Arg Ala Lys
1 5

<210> 33628
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33628
Asn Leu Leu Gly Arg Asn Ser Phe Lys
1 5

<210> 33629
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33629
Phe Leu Leu Leu Leu Val Val Phe Leu
1 5

<210> 33630
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33630
Leu Leu Val Val Phe Leu Leu Glu Ala
1 5

<210> 33631
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33631
Leu Leu Leu Leu Val Val Phe Leu Leu
1 5

<210> 33632
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33632
Phe Leu Leu Leu Leu Val Val Phe Leu Leu
1 5 10

<210> 33633
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33633
Leu Leu Leu Val Val Phe Leu Leu Glu Ala
1 5 10

<210> 33634
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33634
Leu Leu Thr Phe Phe Leu Leu Leu Leu Val
1 5 10

<210> 33635
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33635
Leu Glu Ile Ala Glu Val Leu Phe His Ile
1 5 10

<210> 33636
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33636
Thr Ala Leu Lys Ser Gly Tyr Gly Lys
1 5

<210> 33637
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33637
Ala Thr Ala Ala Ala Val Thr Ala Ala
1 5

<210> 33638
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33638
Val Val Gly Ala Ser Gly Val Gly Lys
1 5

<210> 33639
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33639
Ser Thr Leu His Leu Val Leu Arg Arg
1 5

<210> 33640
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33640
Ala Thr Tyr Val Lys Val Asn Ile Arg
1 5

<210> 33641
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33641
Arg Met Val Arg Gly Thr Gln Val Tyr
1 5

<210> 33642
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33642
Ala Glu Ser Lys Ile Met Phe Ala Thr
1 5

<210> 33643
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33643
Ala Leu Ser Ala Ser Asn Ser Cys Phe
1 5

<210> 33644
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33644
Leu Leu Gly Arg Asn Ser Phe Lys Val
1 5

<210> 33645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33645

Asn Leu Leu Gly Arg Asn Ser Phe Lys Val
1 5 10

<210> 33646
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33646
Thr Leu Lys Ser Gly Tyr Gly Lys Tyr
1 5

<210> 33647
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33647
Gln Leu Asp Glu Gln Thr Gly Glu Phe Leu
1 5 10

<210> 33648
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33648
Ala Leu Asn Asn Met Phe Cys Gln Leu
1 5

<210> 33649
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33649
Asn Ser Ser Tyr Ile Val Gly Phe Tyr
1 5

<210> 33650
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33650
Ala Thr Phe Ser Pro Ser Phe Pro Leu
1 5

<210> 33651
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33651
Gln Glu Val Arg Thr Ile Ser Ala Leu
1 5

<210> 33652
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33652
Phe Ser His Ser Ser Thr Leu Ala Lys
1 5

<210> 33653
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33653
Ala Pro Ser Ala Ala Thr Thr Thr Ala
1 5

<210> 33654
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33654
Ala Pro Ser Ala Ala Thr Thr Thr Ala Val
1 5 10

<210> 33655
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33655
Tyr Thr Thr Asn Ala Phe Ser Gly Glu Tyr
1 5 10

<210> 33656
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33656
Leu Thr Trp His Ala Ala Met Leu Lys
1 5

<210> 33657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33657
Ser Ser Phe Met Gly Gly Met Asn Arg
1 5

<210> 33658
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33658
Leu Leu Leu Leu Pro Ala Pro Glu Leu
1 5

<210> 33659
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33659
Leu Leu Leu Leu Leu Leu Leu Leu Pro Ala
1 5 10

<210> 33660
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33660
Leu Leu Leu Leu Leu Leu Leu Pro Ala
1 5

<210> 33661
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33661
Leu Leu Leu Leu Leu Pro Ala Pro Glu Leu
1 5 10

<210> 33662
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33662
Ala Ala Ala Ala Ala Val Ala Ala Leu

1 5

<210> 33663
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33663
Ser Pro Ser Pro Ser Gln Asn Ala Thr
1 5

<210> 33664
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33664
Ser Pro Ser Gln Asn Ala Thr Gln Thr Thr
1 5 10

<210> 33665
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33665
His Leu Val Ser Glu Met Lys Met Phe
1 5

<210> 33666
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33666
Asn Pro Ile Phe Arg Phe Ser Ser Leu
1 5

<210> 33667

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33667
Asn Leu Phe Lys Arg Leu Met Ile Val
1 5

<210> 33668
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33668
Ala Leu Leu Thr Ser Asn Ser Cys Phe
1 5

<210> 33669
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33669
Leu Val Leu Arg Arg Arg Gly Gly Met
1 5

<210> 33670
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33670
Arg Val Arg Pro Met Ala Ile Tyr Lys
1 5

<210> 33671
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33671
Ile Ala Leu Asn Ser Gly Tyr Gly Lys
1 5

<210> 33672
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33672
Val Pro Phe Asp Leu His Phe Cys Arg
1 5

<210> 33673
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33673
Ser Thr Leu His Leu Val Leu Arg Arg Arg
1 5 10

<210> 33674
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33674
Leu Leu Thr Trp His Ala Ala Met Leu
1 5

<210> 33675
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33675
Ala Thr Leu Gln Arg Ser Ser Leu Trp
1 5

<210> 33676
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33676
Val Leu His Glu Cys Asn Ser Ser Tyr Ile
1 5 10

<210> 33677
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33677
Arg Leu Leu Thr Trp His Ala Ala Met Leu
1 5 10

<210> 33678
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33678
Arg Leu Pro Ala Leu Arg Phe Ile Gly Leu
1 5 10

<210> 33679
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33679
Leu Pro Leu Pro Asn Leu Arg Met Val
1 5

<210> 33680
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33680
Leu Leu Ser Ala Ala Asn Leu Val Ile
1 5

<210> 33681
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33681
Tyr Leu Asp Phe Gly Ile His Ser Gly Ala
1 5 10

<210> 33682
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33682
Tyr Leu Asp Phe Gly Ile His Ser Gly
1 5

<210> 33683
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33683
Gly Thr Gly Val Met Ile Cys Ala Tyr
1 5

<210> 33684
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33684
Leu Pro Ala Leu Arg Phe Ile Gly Leu
1 5

<210> 33685
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33685
Met Pro Ala Leu Arg Arg Ser Ala Val
1 5

<210> 33686
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33686
Leu Pro Pro Thr Pro Pro Pro Leu Pro Val
1 5 10

<210> 33687
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33687
Ser Pro Leu Pro Pro Thr Pro Pro Pro Leu
1 5 10

<210> 33688
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33688
Leu Leu Thr Trp His Ala Ala Met Leu Lys
1 5 10

<210> 33689
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33689
Arg Ser Ser Ile Met Lys Pro Lys Arg
1 5

<210> 33690
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33690
Phe Leu Leu Leu Thr Leu Pro Lys Val
1 5

<210> 33691
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33691
Arg Val Arg Asp Met Lys Cys Leu Met
1 5

<210> 33692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33692
Glu Ser Gly Asp Tyr Lys Ala Thr Gln Lys
1 5 10

<210> 33693
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33693
Gly Leu Asn Pro Leu Pro Asp Val Gln Val
1 5 10

<210> 33694
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33694
Ile Pro Pro Thr Ser Arg Gly Ser Ser Leu
1 5 10

<210> 33695
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33695
Pro Pro Thr Ser Arg Gly Ser Ser Leu
1 5

<210> 33696
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33696
Tyr Leu Asn Ser Gly Ile His Ser Gly Ala
1 5 10

<210> 33697
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33697
Ala Leu Asn Ser Gly Tyr Gly Lys Tyr Leu
1 5 10

<210> 33698
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33698
Lys Leu Cys Pro Gln Leu Ala Glu Asn Lys
1 5 10

<210> 33699
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33699
Val Ile Val Cys Ser Phe Ala Pro Ile
1 5

<210> 33700
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33700
Lys Gln Met Asn Asp Ala Arg His Gly
1 5

<210> 33701
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33701
Tyr Leu Asn Ser Gly Ile His Ser Gly
1 5

<210> 33702
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33702
Gln Glu Tyr Gln Glu Leu Phe Arg His Met
1 5 10

<210> 33703
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33703
Ile Leu Asp Val Ile Val Cys Ser Phe Ala
1 5 10

<210> 33704
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33704
Arg Glu Thr Phe His Leu Val Ser Glu Met
1 5 10

<210> 33705
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33705
Arg Met Val Arg Arg Ala Ala Ala Ser Lys
1 5 10

<210> 33706
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33706
Ala Ala Ala Ala Ala Ala Val Ala Ala Leu
1 5 10

<210> 33707
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33707
Ser Ala Arg Lys Ser Asn Phe Ser Leu
1 5

<210> 33708
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33708
Arg Val Ala Gly Arg Arg Ala Leu Ser Arg
1 5 10

<210> 33709
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33709

Thr Thr Pro Pro Leu Gln His Gly His Arg
1 5 10

<210> 33710
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33710
Phe His Leu Val Ser Glu Met Lys Met
1 5

<210> 33711
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33711
Ser Ile Met Met Ser Trp Met Pro Pro Leu
1 5 10

<210> 33712
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33712
Lys Leu Glu Gly Leu Glu Leu Glu Val
1 5

<210> 33713
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33713
Trp Thr Ser Ser Arg Ser Ala Arg Lys
1 5

<210> 33714
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33714
Gly Ala Ala Ala Thr Ala Ala Ala Val
1 5

<210> 33715
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33715
Met Pro Ile Leu Thr Ile Ile Thr Leu
1 5

<210> 33716
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33716
Gln Leu Asn His Val Asp Gly Ser Ser Lys
1 5 10

<210> 33717
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33717
Glu Glu Asp Ala Glu Ala Trp Ala Met
1 5

<210> 33718
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33718
His Met His Leu Ile Arg His Gln Lys
1 5

<210> 33719
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33719
Leu Ser Asp Ser Arg Thr Ala Leu Lys
1 5

<210> 33720
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33720
Glu Glu Thr Glu Ala Gln His Leu Tyr
1 5

<210> 33721
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33721
Ser Ser Leu Ser His Ile Ser Ala Leu
1 5

<210> 33722
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic

peptide"

<400> 33722
Phe Gly Arg Ala Lys Leu Leu Gly Ala
1 5

<210> 33723
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33723
Arg Met Pro Ile Leu Thr Ile Ile Thr Leu
1 5 10

<210> 33724
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33724
Thr Glu Ala Gln His Leu Tyr Gln Ser Ile
1 5 10

<210> 33725
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33725
Glu Val Ala Leu Ser Val Leu Ser Lys
1 5

<210> 33726
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33726
Met Phe Leu Lys Ala Glu Ser Lys Ile

1 5

<210> 33727
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33727
Arg Ile Ala Leu Asn Ser Gly Tyr Gly Lys
1 5 10

<210> 33728
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33728
Tyr Leu Asp Ser Arg Ile His Ser Gly Ala
1 5 10

<210> 33729
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33729
Leu Ser Ala Ser Asn Ser Cys Phe Ile
1 5

<210> 33730
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic peptide"

<400> 33730
Thr Pro Ala Pro Pro Pro Val Pro Thr
1 5

<210> 33731

<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33731
Val Pro Thr Cys Ser Pro Arg Thr Leu
1 5

<210> 33732
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 33732
Arg Pro Gly Leu His Arg Phe Val Val
1 5

<210> 33733
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
6xHis tag"

<400> 33733
His His His His His His
1 5